

## **GHG emissions of all world countries, 2024 Report**

### **How to cite this report:**

Crippa M., Guizzardi D., Pagani F., Banja M., Muntean M., Schaaf E., Becker, W., Monforti-Ferrario F., Quadrelli, F.

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All information regarding how to cite the report, data sources and conditions of use of the data are provided in the report.

### **Units and substances**

GHG emissions include CO<sub>2</sub> (fossil only), CH<sub>4</sub>, N<sub>2</sub>O and F-gases. They are aggregated using Global Warming Potential (GWP) 100.

values in GHG\_totals\_by\_country sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in GHG\_by\_sector\_and\_country sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in LULUCF by macro regions sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in GHG\_per\_GDP\_by\_country sheet are expressed in t CO<sub>2</sub>eq/kUSD/yr

values in GHG\_per\_capita\_by\_country sheet are expressed in t CO<sub>2</sub>eq/cap/yr

Metric units are used.

### **Sector definition**

Power Industry - Power and heat generation plants (public & autoproducers)

Industrial combustion - Combustion for industrial manufacturing

Buildings – Small scale non-industrial stationary combustion

Transport – Mobile combustion (road & rail & ship & aviation)

Agriculture - Agricultural soils, crop residues burning, enteric fermentation, manure management, indirect N<sub>2</sub>O emissions

Fuel exploitation - Production, transformation and refining of fuels

Processes - Industrial processes (e.g. emissions from the production of cement, iron and steel, aluminum, chemicals)

Waste - Solid waste disposal and waste water treatment

### **LULUCF**

CO<sub>2</sub> emissions from Forest Land (Rossi et al., in prep.), Deforestation, Drainage of Organic Soils, Other Land use changes

Wildfire GHG emissions are also included using the GWIS estimates (Global Wildfire Information System).

l., Risquez Martin, A., Taghavi-Moharamli, P., Grassi, G., Rossi, S., Melo, J., Oom, D., Branco, A., San-Miguel, J., Ma

he sheet 'citation and references'

ntial values from IPCC AR5 (GWP-100 AR5).

missions from agriculture

cals, solvents, etc.)

and their conversion (Grassi et al., 2022).

Manca, G., Pisoni, E., Vignati, E., Pekar, F., GHG emissions of all world countries – JRC/IEA 2024 Report, Luxembourg

, 2024, <https://data.europa.eu/doi/10.2760/4002897>, JRC138862.

## Conditions of use and how to cite

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All emissions, except for CO<sub>2</sub> emissions from fuel combustion, are from the EDGAR (Emissions Database for Global Atm  
IEA-EDGAR CO<sub>2</sub> (v3) data are based on data from IEA (2023) Greenhouse Gas Emissions from Energy, [www.iea.org/stati](http://www.iea.org/stati)

Co-authorship and involvement of the EDGAR Community, which includes the IEA for fossil CO<sub>2</sub> emissions, in the emissi

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## How to cite the content of the report

Crippa M., Guizzardi D., Pagani F., Banja M., Muntean M., Schaaf E., Becker, W., Monforti-Ferrario F., Quadrelli, R., Risqu

## How to cite the use of underlying data

EDGAR (Emissions Database for Global Atmospheric Research) Community GHG Database (a collaboration between the  
IEA-EDGAR CO<sub>2</sub> (v3), a component of the EDGAR (Emissions Database for Global Atmospheric Research) Community GH  
Users of the data are obliged to acknowledge the source of the data also with reference to the EDGAR report webpage (

Based on IEA-EDGAR CO<sub>2</sub> (v3), EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-gases, a component of the EDGAR (Emissions Databa

## References for the data sources

IATA (2024), International Air Transport Association Statistics, [www.iata.org/en/iata-repository/pressroom/fact-sheets/](http://www.iata.org/en/iata-repository/pressroom/fact-sheets/)

EI, Energy Institute, 2024 Statistical Review of World Energy, 2024, <https://www.energyinst.org/statistical-review>, Last a

IEA World Energy Balances - 2023 Edition, [www.iea.org/data-and-statistics](http://www.iea.org/data-and-statistics), All rights reserved, as modified by Joint Rese

IEA Greenhouse Gas Emissions from Energy - 2023 Edition, [www.iea.org](http://www.iea.org), 2023b.

IEA World energy balances: IEA family and beyond, April 2024 Edition, <https://www.iea.org/data-and-statistics/data-pro>

IFA (2024), Urea consumption (updates 2010-2019) and production (updates 2020) statistics, 2024, [www.ifastat.org/](http://www.ifastat.org/).

FAOSTAT (2024), Statistics Division of the Food and Agricultural Organisation of the UN: [www.fao.org/faostat](http://www.fao.org/faostat), Last acces

USGS (2024), USGS Commodity Statistics (May 2024), ([www.usgs.gov/centers/nmic/commodity-statistics-and-informati](http://www.usgs.gov/centers/nmic/commodity-statistics-and-informati)

WB (2024), data of GDP PPP, (constant 2017 international \$) (expressed in 1000 US dollar, and adjusted to the Purchasin

World Steel Association, (worldsteel) (2024), Steel Statistical Yearbook 2024, [worldsteel.org](http://worldsteel.org).

Global Flaring and Methane Reduction Partnership (GFMR), 2012-2023 data for gas consumption for flaring, 2024, <https://www.gfmr.org/>

Based on IEA-EDGAR CO<sub>2</sub> (v3), EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-gases, a component of the EDGAR (Emissions Databa

ospheric Research) Community GHG database, comprising IEA-EDGAR CO<sub>2</sub>, EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O and EDGAR F-gase

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on data analysis is highly appreciated. User’s comments and requests can be sent via email to the authors.

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European Commission, Joint Research Centre (JRC), the International Energy Agency (IEA), and comprising IEA-EDGAR CC  
G database version EDGAR\_2024\_GHG (2024) including or based on data from IEA (2023) Greenhouse Gas Emissions fro  
[https://edgar.jrc.ec.europa.eu/report\\_2024](https://edgar.jrc.ec.europa.eu/report_2024)) and EDGAR\_2024\_GHG website ([https://edgar.jrc.ec.europa.eu/dataset\\_gf](https://edgar.jrc.ec.europa.eu/dataset_gf)

se for Global Atmospheric Research) Community GHG database version EDGAR\_2024\_GHG (2024), derived from IEA (20

industry-statistics, 2024.

ccess: July 2024.

earch Centre, European Commission, 2023a.

duct/world-energy-balances.

ss May 2024.

on), 2024.

ig Power Parity of 2017) for 1990-2023, World Bank, July 2024.

<https://www.worldbank.org/en/programs/gasflaringreduction/global-flaring-data#indicators-by-country>, Last Access: June 20

se for Global Atmospheric Research) Community GHG database version EDGAR\_2024\_GHG (2024), derived from IEA (20

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CO<sub>2</sub>, EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-GASES version EDGAR\_2024\_GHG (2024) European Commission.  
from Energy, [www.iea.org/statistics](http://www.iea.org/statistics), as modified by the Joint Research Centre.  
report (2024) and/or relevant reports.

23) World Energy Balances, [www.iea.org/statistics](http://www.iea.org/statistics); Energy Institute, <https://www.energyinst.org/statistical-review> (2024)

2024.

23) World Energy Balances, [www.iea.org/statistics](http://www.iea.org/statistics); Energy Institute, <https://www.energyinst.org/statistical-review> (2024)

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ropa.eu/doi/10.2760/4002897, JRC138862.

l); IATA (2024), International Air Transport Association Statistics, [www.iata.org/en/iata-repository/pressroom/fact-sheet](http://www.iata.org/en/iata-repository/pressroom/fact-sheet)

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:s/industry-statistics; IFA (2023), [www.ifastat.org/](http://www.ifastat.org/); FAOSTAT (2024), Statistics Division of the Food and Agricultural Orgar

:s/industry-statistics; IFA (2024), [www.ifastat.org/](http://www.ifastat.org/); FAOSTAT (2024), Statistics Division of the Food and Agricultural Orgar

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isation of the UN: [www.fao.org/faostat](http://www.fao.org/faostat); USGS (2024), USGS Commodity Statistics, ([www.usgs.gov/centers/nmic/commodities](http://www.usgs.gov/centers/nmic/commodities))

isation of the UN: [www.fao.org/faostat](http://www.fao.org/faostat); International Maritime Organization annual industry outlook (2024); USGS (2024)

or other (including, without limitation, any warranties or conditions of title, non-infringement, merchantability, or fitness:

modity-statistics-and-information); World Steel Association (2024), Steel Statistical Yearbook 2024, as modified by the Join

!4), USGS Commodity Statistics, ([www.usgs.gov/centers/nmic/commodity-statistics-and-information](http://www.usgs.gov/centers/nmic/commodity-statistics-and-information)); World Steel Assoc

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iation (2024), Steel Statistical Yearbook 2023, as modified by the Joint Research Centre

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Substance	EDGAR Country C	Country	1970	1971	1972	1973
CO2	ABW	Aruba	0.02521379	0.02882775	0.03947211	0.04428944
CO2	AFG	Afghanistan	1.73392027	1.73370991	1.69358448	1.73390479
CO2	AGO	Angola	8.93389904	8.5195129	10.3661043	11.3469957
CO2	AIA	Anguilla	0.00217759	0.00217769	0.00227319	0.00211848
CO2	AIR	International Aviation	169.900399	169.900399	179.759531	187.494406
CO2	ALB	Albania	4.84498807	4.83812877	5.51829137	4.95194249
CO2	ANT	Curaçao	14.5157827	14.5157988	14.1139595	15.608674
CO2	ARE	United Arab Emirates	19.4647816	25.4298124	27.7473592	35.8436021
CO2	ARG	Argentina	87.5691423	87.8908431	89.7153902	92.8004195
CO2	ARM	Armenia	10.0994836	10.1154772	10.828853	11.7685226
CO2	ATG	Antigua and Barbuda	0.10235442	0.10226988	0.12456848	0.12566516
CO2	AUS	Australia	160.376939	162.107723	167.95695	177.318476
CO2	AUT	Austria	52.9672127	55.6332503	57.8461379	61.1560484
CO2	AZE	Azerbaijan	24.2266585	24.2494547	25.8710385	28.046719
CO2	BDI	Burundi	0.05827364	0.05837219	0.05818121	0.0599842
CO2	BEL	Belgium	139.256732	129.1389	140.747586	146.145764
CO2	BEN	Benin	0.31137241	0.36167708	0.46160237	0.47646418
CO2	BFA	Burkina Faso	0.22629926	0.22655588	0.22568495	0.23318856
CO2	BGD	Bangladesh	3.33841647	3.34517263	3.46935529	4.09825734
CO2	BGR	Bulgaria	69.0629445	69.0005184	71.3122528	72.2926643
CO2	BHR	Bahrain	2.97811641	2.99684836	3.58520495	4.52342774
CO2	BHS	Bahamas	1.44114103	1.46367973	1.72547018	1.71793742
CO2	BIH	Bosnia and Herzegovina	11.5364381	11.5732496	11.3695937	12.3894649
CO2	BLR	Belarus	60.0888177	60.1848621	64.2945814	70.2667536
CO2	BLZ	Belize	0.05932026	0.05928192	0.07203542	0.07267518
CO2	BMU	Bermuda	0.13878748	0.13867882	0.16895459	0.17045915
CO2	BOL	Bolivia	3.02254006	3.77022119	4.49535774	4.18544747
CO2	BRA	Brazil	106.932151	106.575343	116.203071	135.154097
CO2	BRB	Barbados	0.25493941	0.25474808	0.30836135	0.30491017
CO2	BRN	Brunei	2.02434964	1.87101429	2.2027372	2.67468761
CO2	BTN	Bhutan	0.03512966	0.03713527	0.04032584	0.04236416
CO2	BWA	Botswana	0.15342087	0.15352402	0.19701144	0.26230446
CO2	CAF	Central African Republic	0.0756093	0.07563849	0.07538497	0.07790268
CO2	CAN	Canada	358.127196	365.785107	383.035533	401.982076
CO2	CHE	Switzerland and Liechtenstein	41.4533456	43.4092778	44.1076063	47.7355874
CO2	CHL	Chile	28.3897537	30.8358727	32.1774966	32.0938921
CO2	CHN	China	909.976242	913.419357	973.909875	1013.66137
CO2	CIV	Côte d'Ivoire	2.6157937	2.66763666	2.96484658	3.04988162
CO2	CMR	Cameroon	0.87108993	0.92735487	0.9673096	1.0100317
CO2	COD	Democratic Republic of Congo	2.92644657	2.95667531	3.0412572	3.05992656
CO2	COG	Congo	1.80324798	2.06558136	1.97816473	8.95883502
CO2	COK	Cook Islands	0.01876431	0.01876457	0.02000935	0.02407961
CO2	COL	Colombia	28.8517774	29.1581681	29.8790714	30.8285487
CO2	COM	Comoros	0.02186696	0.02187896	0.02178049	0.02253511
CO2	CPV	Cabo Verde	0.14996625	0.14997302	0.14920627	0.15440201
CO2	CRI	Costa Rica	1.43342854	1.44651539	1.62135682	1.83187551
CO2	CUB	Cuba	21.8917389	22.0693304	21.6927732	23.381973
CO2	CYM	Cayman Islands	0.02552111	0.02731874	0.03551105	0.03806513
CO2	CYP	Cyprus	2.16752894	2.18426659	2.66343136	2.77158523
CO2	CZE	Czechia	188.286114	188.545378	188.477252	186.522534

CO2	DEU	Germany	1084.65753	1077.41921	1105.29033	1157.72028
CO2	DJI	Djibouti	0.71158894	0.71160941	0.70796398	0.73272614
CO2	DMA	Dominica	0.00758801	0.00758412	0.00917849	0.00925921
CO2	DNK	Denmark	61.9533809	57.6842901	59.7323742	58.7827942
CO2	DOM	Dominican Republic	3.88224866	3.9303679	5.0594623	5.07590054
CO2	DZA	Algeria	19.6906261	23.0110719	35.1511083	47.299135
CO2	ECU	Ecuador	5.01903034	4.4900913	4.48005482	5.66538945
CO2	EGY	Egypt	25.449945	25.1576911	27.3379284	25.4537195
CO2	ERI	Eritrea	0.3416926	0.33990434	0.32166997	0.32455501
CO2	ESH	Western Sahara	0.08683008	0.08682911	0.08564826	0.08800534
CO2	ESP	Spain and Andorra	144.262798	140.882455	153.238721	166.121397
CO2	EST	Estonia	21.2640564	21.2893771	23.1557648	26.4646325
CO2	ETH	Ethiopia	1.16705203	1.17081762	1.08701053	1.18720262
CO2	FIN	Finland	41.242209	40.6554412	44.3478569	48.420893
CO2	FJI	Fiji	0.7126752	0.72161354	0.77005166	0.91652213
CO2	FLK	Falkland Islands	0.00293386	0.00293119	0.00356822	0.00359952
CO2	FRA	France and Monaco	469.441357	481.554497	499.104297	535.747318
CO2	FRO	Faroes	0.00087799	0.00091953	0.00096172	0.00100457
CO2	GAB	Gabon	0.60367002	1.11673978	1.20354118	3.85536959
CO2	GBR	United Kingdom	673.42015	668.671393	657.717153	690.03099
CO2	GEO	Georgia	23.9304561	23.6533298	25.1270022	26.6421656
CO2	GHA	Ghana	2.34460458	2.38427752	2.49621582	2.55073859
CO2	GIB	Gibraltar	0.06948366	0.06949314	0.0595818	0.05997772
CO2	GIN	Guinea	0.4593615	0.46209855	0.46467155	0.48066001
CO2	GLP	Guadeloupe	0.18514197	0.1881536	0.22156427	0.22530467
CO2	GMB	The Gambia	0.07922121	0.07925098	0.07888073	0.08163648
CO2	GNB	Guinea-Bissau	0.04417479	0.04420261	0.04401405	0.04552944
CO2	GNQ	Equatorial Guinea	0.04161133	0.04159813	0.04787348	0.02888978
CO2	GRC	Greece	28.8580574	29.9074357	36.7288731	39.2982914
CO2	GRD	Grenada	0.0112178	0.01120753	0.01359584	0.01371263
CO2	GRL	Greenland	0.00078131	0.00080788	0.00083049	0.00084911
CO2	GTM	Guatemala	2.50001765	2.49887685	2.74119976	2.91075551
CO2	GUF	French Guiana	0.09101601	0.09094377	0.11086383	0.11185469
CO2	GUY	Guyana	1.50250538	1.50252839	1.52457955	1.766123
CO2	HKG	Hong Kong	9.52680565	9.56544272	9.851337	9.93838791
CO2	HND	Honduras	1.21785748	1.21856029	1.27033076	1.39813422
CO2	HRV	Croatia	21.812449	21.4411586	21.303265	22.5023299
CO2	HTI	Haiti	0.53338179	0.53828587	0.52256693	0.54988113
CO2	HUN	Hungary	66.2726759	67.9232424	70.0506349	74.8700939
CO2	IDN	Indonesia	31.09907	31.4727414	37.2401342	42.0102289
CO2	IND	India	213.934448	214.42812	222.963236	221.937314
CO2	IRL	Ireland	20.6595383	23.1397557	22.7683357	22.3364599
CO2	IRN	Iran	80.349752	86.1357566	96.1816375	114.671394
CO2	IRQ	Iraq	23.3267257	27.3037755	27.1596088	29.8292448
CO2	ISL	Iceland	1.93493593	2.03335451	2.24669063	2.58341137
CO2	ISR	Israel and Palestine, Sta	14.9149158	14.9321411	15.7362751	16.8469259
CO2	ITA	Italy, San Marino and th	314.930743	329.601778	347.705291	369.867839
CO2	JAM	Jamaica	8.04985154	8.03746204	8.00598214	8.54759702
CO2	JOR	Jordan	2.74046807	2.76110689	2.31536116	2.61362786
CO2	JPN	Japan	848.751569	846.452091	893.00157	1006.62448
CO2	KAZ	Kazakhstan	185.048352	184.790203	196.720339	210.17738

CO2	KEN	Kenya	3.74803846	3.74782508	3.91324343	4.05350534
CO2	KGZ	Kyrgyzstan	15.4525737	15.4733849	16.4311863	17.3033109
CO2	KHM	Cambodia	0.21319432	0.21611778	0.23239898	0.28336683
CO2	KIR	Kiribati	0.01884048	0.01884248	0.02008936	0.02416181
CO2	KNA	Saint Kitts and Nevis	0.01469555	0.01468194	0.01786761	0.0180254
CO2	KOR	South Korea	62.0220199	62.681036	64.5678898	79.5798628
CO2	KWT	Kuwait	38.6332808	40.9953911	41.6429491	37.2741501
CO2	LAO	Laos	0.28831477	0.2885531	0.30745523	0.36875782
CO2	LBN	Lebanon	5.43033353	5.50276544	6.01155529	7.41169629
CO2	LBR	Liberia	0.97159733	0.96602681	0.96795902	0.99897681
CO2	LBY	Libya	39.5618062	27.6504883	20.7100409	19.3765964
CO2	LCA	Saint Lucia	0.0294959	0.02947746	0.03585395	0.03617335
CO2	LKA	Sri Lanka	3.11976301	3.14996851	3.78209731	3.94484418
CO2	LSO	Lesotho	0.07362941	0.07368058	0.07336799	0.07590122
CO2	LTU	Lithuania	19.9276885	19.9929865	21.3060509	22.8947401
CO2	LUX	Luxembourg	19.6801229	18.28217	17.9119277	19.3448353
CO2	LVA	Latvia	11.339694	11.3544204	12.0786167	13.0310829
CO2	MAC	Macao	0.30376362	0.30377174	0.32370018	0.38882081
CO2	MAR	Morocco	6.9303918	6.95397667	7.75948406	9.15400534
CO2	MDA	Moldova	19.2901001	19.3070695	20.4231717	21.7539126
CO2	MDG	Madagascar	0.76841294	0.76950387	0.78834832	0.72944573
CO2	MDV	Maldives	0.00985683	0.0098947	0.01055586	0.01263358
CO2	MEX	Mexico	120.89124	121.291073	133.378804	143.501244
CO2	MKD	North Macedonia	9.10127349	8.53649465	8.61452278	9.97833372
CO2	MLI	Mali	0.24690356	0.24563582	0.24800063	0.25879696
CO2	MLT	Malta	0.68287331	0.68287461	0.85609478	0.82219912
CO2	MMR	Myanmar/Burma	4.72642242	4.7496222	4.63969623	3.68065512
CO2	MNG	Mongolia	5.58057787	5.57968384	5.1320295	5.51670343
CO2	MOZ	Mozambique	3.1580824	3.17046162	2.91558038	3.10284142
CO2	MRT	Mauritania	0.33313143	0.33465064	0.33681009	0.34917059
CO2	MTQ	Martinique	0.21309971	0.21556683	0.25610079	0.25997142
CO2	MUS	Mauritius	0.30568371	0.3058085	0.33498354	0.37328925
CO2	MWI	Malawi	0.34561209	0.34225495	0.36562465	0.39194075
CO2	MYS	Malaysia	26.8825663	27.2778425	14.3217707	14.8102687
CO2	NAM	Namibia	0.73984979	0.74020942	0.73242953	0.75764594
CO2	NCL	New Caledonia	1.04734807	1.04738727	1.12316002	1.32921668
CO2	NER	Niger	0.21141851	0.20768171	0.22775643	0.26768681
CO2	NGA	Nigeria	28.8146944	42.5965325	55.2176692	66.4085538
CO2	NIC	Nicaragua	1.65477688	1.66218168	1.71591731	1.900767
CO2	NLD	Netherlands	134.198959	134.713944	150.482844	156.795253
CO2	NOR	Norway	35.9619095	34.6839018	37.6768811	38.2503446
CO2	NPL	Nepal	0.28084296	0.2818749	0.35545773	0.4943008
CO2	NZL	New Zealand	14.8753594	14.480372	16.6384385	18.0285405
CO2	OMN	Oman	7.3514792	7.35197351	7.35929997	7.39286785
CO2	PAK	Pakistan	17.8477219	18.0827937	18.8311148	20.0382377
CO2	PAN	Panama	2.59756288	2.60259795	2.79760035	3.12324382
CO2	PER	Peru	17.4161232	17.3788838	17.3942054	18.4301264
CO2	PHL	Philippines	26.559865	26.8137914	27.7702409	31.4534558
CO2	PLW	Palau	1.99478089	1.99478116	1.99478147	1.99478178
CO2	PNG	Papua New Guinea	1.12948247	1.1296322	1.20448986	1.44889262
CO2	POL	Poland	309.121845	317.576988	330.903299	348.59102



CO2	PRI	Puerto Rico	29.4485018	31.7509103	38.8671938	43.105584
CO2	PRK	North Korea	75.9806244	76.3243993	79.2990346	81.0321967
CO2	PRT	Portugal	16.6405124	17.7993655	18.195127	20.3580768
CO2	PRY	Paraguay	0.63233081	0.64316048	0.70035577	0.77399054
CO2	PYF	French Polynesia	0.14153728	0.14157271	0.1509458	0.1815116
CO2	QAT	Qatar	14.7009574	18.2965543	22.0214949	24.6713929
CO2	REU	Réunion	0.36772034	0.37081877	0.37473017	0.38786587
CO2	ROU	Romania	126.868562	127.465294	133.081527	145.231143
CO2	RUS	Russia	1307.9918	1308.97467	1377.09034	1460.88892
CO2	RWA	Rwanda	0.06955859	0.06982185	0.07622992	0.07957181
CO2	SAU	Saudi Arabia	47.1493583	58.276806	76.0829672	103.458443
CO2	SCG	Serbia and Montenegro	30.2345001	30.3618433	30.5087935	33.1789214
CO2	SDN	Sudan and South Sudan	3.43532944	3.44637946	3.64639672	4.79119246
CO2	SEA	International Shipping	353.846352	353.846352	370.4095	391.425484
CO2	SEN	Senegal	1.34898489	1.34855627	1.43097681	1.53966993
CO2	SGP	Singapore	6.5885277	6.61177108	7.96949185	8.86280836
CO2	SHN	Saint Helena, Ascension	0.00276998	0.00277008	0.00224094	0.002498
CO2	SLB	Solomon Islands	0.06592997	0.06594378	0.07031649	0.08457959
CO2	SLE	Sierra Leone	0.36163414	0.36174946	0.36003725	0.37253414
CO2	SLV	El Salvador	1.60116083	1.61035115	1.85365296	2.02044235
CO2	SOM	Somalia	0.57125749	0.57127176	0.56842723	0.58810599
CO2	SPM	Saint Pierre and Miquelc	0.03636166	0.03633163	0.04429751	0.04469359
CO2	STP	São Tomé and Príncipe	0.0143919	0.01439597	0.0143259	0.01482405
CO2	SUR	Suriname	0.6268279	0.6271516	0.72168781	0.7504887
CO2	SVK	Slovakia	43.8823417	43.8423303	44.5878935	45.9703594
CO2	SVN	Slovenia	10.4338046	10.3792908	10.1591817	11.6613794
CO2	SWE	Sweden	96.1720892	88.9738524	89.1741631	90.2624259
CO2	SWZ	Eswatini	0.2245799	0.22462247	0.23099007	0.2436429
CO2	SYC	Seychelles	0.10687758	0.10688139	0.10633559	0.11005114
CO2	SYR	Syria	6.3385667	6.37063913	6.14098188	5.83677186
CO2	TCA	Turks and Caicos Island	0.00324004	0.0032375	0.00394619	0.00398155
CO2	TCD	Chad	0.1536494	0.15389004	0.1534526	0.15859975
CO2	TGO	Togo	0.34810653	0.37231124	0.41799046	0.36697784
CO2	THA	Thailand	18.1074909	18.1849644	20.6320443	23.2559191
CO2	TJK	Tajikistan	8.1400321	8.17352968	8.56404211	8.93497383
CO2	TKM	Turkmenistan	18.8932083	18.9141858	19.8743795	20.7585188
CO2	TLS	Timor-Leste	0.00139242	0.00143222	0.00147524	0.0015129
CO2	TON	Tonga	0.01893683	0.01893869	0.02018404	0.02425421
CO2	TTO	Trinidad and Tobago	6.93045246	6.87182477	6.43197208	6.67055759
CO2	TUN	Tunisia	4.26024313	4.27471312	4.8119616	4.83639407
CO2	TUR	Türkiye	45.4491858	49.7621877	57.6878368	62.4853406
CO2	TWN	Taiwan	36.2671216	36.4398398	40.9836799	45.5060356
CO2	TZA	Tanzania	1.56795518	1.56842607	1.83428694	1.90499774
CO2	UGA	Uganda	0.93671442	0.94335173	0.92743908	0.85481872
CO2	UKR	Ukraine	477.224229	476.857202	502.411491	532.10799
CO2	URY	Uruguay	5.41872903	5.39793435	5.81547934	5.49281899
CO2	USA	United States	4595.06288	4459.91905	4710.77716	4896.84546
CO2	UZB	Uzbekistan	54.1374298	54.4042133	57.4540507	60.7789344
CO2	VCT	Saint Vincent and the Gi	0.01122497	0.0112186	0.01361182	0.01373385
CO2	VEN	Venezuela	58.9535513	57.5741867	59.1647265	66.8575595
CO2	VGB	British Virgin Islands	0.00733785	0.00733295	0.00892715	0.00900697

CO2	VNM	Viet Nam	17.5044329	17.52044	16.9814299	18.923304
CO2	VUT	Vanuatu	0.07513915	0.07514842	0.08013555	0.09642596
CO2	WSM	Samoa	0.06589977	0.06590537	0.07026557	0.08451782
CO2	YEM	Yemen	1.62751811	1.64070283	1.92501312	2.34227343
CO2	ZAF	South Africa	185.572549	184.469131	191.10603	208.26943
CO2	ZMB	Zambia	3.70001578	3.85705871	4.26534121	4.56940273
CO2	ZWE	Zimbabwe	9.52952971	9.47680515	9.09093956	10.5515374
CO2	EU27	EU27	3516.04382	3527.06447	3673.20913	3865.98344
CO2	GLOBAL TOTAL	GLOBAL TOTAL	15751.858	15683.3898	16481.4361	17464.3837

1974	1975	1976	1977	1978	1979	1980	1981
0.04346915	0.05739627	0.05642291	0.06709976	0.07193698	0.07591904	0.07977223	0.08289314
2.19031807	2.02896685	1.89264158	2.28257446	1.93410676	2.05930222	2.00642298	2.25993349
11.8065608	10.904653	7.291981	12.0334732	14.2162696	14.1794043	14.3161297	13.2322706
0.00235984	0.00259365	0.00244415	0.00254677	0.00291135	0.00322276	0.00442236	0.00664943
180.478129	174.582471	174.907983	190.798505	197.866282	204.56754	203.458273	202.666508
5.32961736	5.42411763	5.79657281	6.20093306	6.82099533	7.93670304	8.07349908	7.07260424
14.124013	10.1967506	10.8491463	10.9831957	9.27181813	9.18243661	8.67775674	8.0420367
36.0106836	36.6794437	45.580994	45.8764465	52.6113891	37.8795052	41.1384805	38.0554842
93.280156	90.9166961	95.5878641	99.5194501	98.5795506	104.268292	101.826214	98.7968286
12.6821917	13.8421897	14.2322402	14.7678149	15.3786256	15.9589897	17.0238313	17.4360957
0.11194246	0.13554406	0.12286876	0.13567345	0.13570288	0.13421081	0.13267838	0.11628052
186.846315	193.595041	196.384039	209.6638	205.988589	211.845412	222.014687	222.974737
58.6676123	56.3427126	61.6789155	58.9658049	60.8684851	63.3083498	61.4529223	57.9918383
30.228813	32.7150656	33.7414279	34.9679036	36.9660874	38.3840866	40.424169	41.6382696
0.06416276	0.06642918	0.06869156	0.07100178	0.07220658	0.08218236	0.08109672	0.08829715
144.977683	127.690267	137.334198	134.752157	139.176485	148.419673	137.7779	125.869239
0.48901191	0.54863465	0.3659447	0.42714464	0.45408415	0.50951062	0.53537036	0.44503707
0.251027	0.26066878	0.27006403	0.27933603	0.28402985	0.32622534	0.32064301	0.3077589
4.31527482	5.17286226	5.55051499	5.77692976	6.1967575	6.90838632	7.71740707	7.79650706
73.16043	78.2669741	79.142341	82.148855	88.2077904	91.484918	94.6059702	90.7195299
5.33111725	5.50107436	5.96861063	6.58937988	6.97398442	7.44116955	7.54299908	8.07579358
1.50145791	1.53684272	1.35652726	1.50625577	1.5274932	1.57376228	1.54594372	1.35968359
13.4186938	13.6898475	13.5472833	14.2746633	14.9598324	15.456681	14.8941319	16.4958124
76.0690759	81.7167174	85.2786876	88.1964375	91.8293865	95.0346924	98.5668018	100.447902
0.06484402	0.07833955	0.07110411	0.07842706	0.07844807	0.07760101	0.07673288	0.07067835
0.15185259	0.1838952	0.16669939	0.184079	0.18411719	0.18209212	0.18001359	0.15346674
3.98496064	4.53286892	5.12206957	4.92044728	5.60744118	4.98945973	4.97677664	5.29644053
145.941393	156.425227	171.864744	179.536771	194.206343	207.387117	207.123826	191.279276
0.27211406	0.32794262	0.30653754	0.33524026	0.34496151	0.34554342	0.34500152	0.34257406
2.77587306	2.8612453	3.30706933	3.38536166	3.49004714	3.16356534	3.95409486	3.3217014
0.04318152	0.04276847	0.04462577	0.04708977	0.0497056	0.05131769	0.05181418	0.07817466
0.45317872	0.56060612	0.81785364	0.93348058	1.0545475	1.20062019	1.2678096	1.38570878
0.08386395	0.08695861	0.09014399	0.09318732	0.09472105	0.10877316	0.10696061	0.13185831
410.05786	400.214305	413.362928	427.871771	431.029901	445.196217	450.43067	431.773524
43.0445049	40.6341587	42.3199699	42.7428866	43.948995	42.6297841	43.3936268	41.0152193
30.2626874	27.4667848	28.0981698	26.194253	26.8977274	28.528428	28.3821289	25.8953003
1031.20935	1182.59858	1230.62573	1383.52221	1559.42116	1597.3528	1563.21618	1549.10337
3.13322028	3.40290455	3.88864967	3.85702572	4.46310138	4.16292548	3.96012906	3.62463904
0.98469787	1.24831866	1.16208309	1.62364235	1.75880078	1.91041763	2.03628771	2.17459566
3.21459931	3.15955922	3.10047014	3.20975193	3.23239536	3.57585628	3.5391782	3.78463632
12.8843187	7.96505796	7.69688045	2.46936967	1.52936174	1.38882185	1.82314217	2.04795834
0.02956155	0.02440548	0.02404292	0.02538757	0.02519023	0.02707137	0.0291538	0.05767419
31.9346071	34.33321	36.6330778	37.6184357	40.1198212	40.344761	41.0884705	41.5973072
0.02430562	0.02524734	0.02617921	0.02711142	0.02756154	0.03176231	0.03120332	0.02990662
0.16668989	0.17315894	0.17953619	0.18590009	0.18887717	0.21813901	0.21406723	0.204842
1.79804143	1.97109264	2.02849773	2.55631285	2.76217122	2.75500884	2.4904985	2.30616976
25.3606646	26.0753911	27.5140838	29.9988614	32.1589009	32.5677373	33.4033606	33.6531995
0.03589618	0.04590025	0.04379051	0.05078241	0.05321185	0.05501745	0.05675209	0.0579922
2.12218676	2.16357656	2.63147378	2.79380426	2.90371494	3.09840351	3.26990014	3.13131015
169.764716	177.044363	182.448023	192.938787	190.771546	200.516008	193.513267	194.166434

1122.50665	1060.56611	1122.93472	1101.44413	1139.31695	1189.47708	1135.5984	1099.96531
0.79127276	0.8221068	0.85251115	0.88284419	0.89705048	1.03641818	1.01704126	0.77860938
0.0082815	0.00996883	0.00906656	0.00998574	0.00999107	0.00988749	0.00978026	0.01422868
52.3820199	54.6673773	60.3766025	62.0824993	62.0204464	65.4412942	64.8678527	54.5537684
5.4281031	5.6343739	5.78188916	6.24650439	6.36411335	6.72253043	6.9176225	6.57726173
39.9004254	36.4073934	47.0741448	52.1495196	57.3540736	57.423363	57.2035777	54.0014982
6.91707571	7.49649327	8.58587422	9.97827039	11.2140379	12.1527166	12.79335	14.087022
29.4259513	31.7244971	36.672439	37.8325667	38.3144748	41.6094248	45.7036646	51.6581741
0.31720404	0.30171558	0.29396406	0.2490146	0.25863975	0.28681751	0.30109961	0.33952589
0.09428958	0.09943407	0.0998609	0.10338803	0.10058736	0.11141087	0.12245209	0.11244021
178.550592	184.417301	202.622397	194.57487	193.408008	205.161467	214.933285	220.606741
29.4867252	32.0739484	33.6729568	35.0478296	37.3226461	38.8192981	40.2855976	41.3507809
1.20175712	1.06912294	1.06437942	1.13563894	1.17184427	1.21751612	1.25267634	1.36188973
44.6082759	44.7610311	51.0003051	50.6766462	57.1254626	56.8907581	57.4175686	48.0091797
1.10861354	0.92126874	0.90647856	0.96076872	0.9594072	1.0274707	1.10241726	1.12530303
0.00320749	0.00388173	0.00351939	0.00388499	0.00388552	0.00384264	0.00379864	0.00372663
517.007567	476.495436	521.998508	503.432955	521.446532	529.02113	507.050043	456.711647
0.00104978	0.00109455	0.00113018	0.00116762	0.00120267	0.00124156	0.00127956	0.00130738
3.95736876	5.09726951	5.91308195	5.84432438	6.49594383	6.39933184	6.15187673	6.47508826
644.64019	623.657238	629.811345	638.312478	636.477119	672.663565	608.325396	589.020991
27.9254499	29.9327196	30.4321739	30.7358652	31.5327488	32.6203318	33.5019795	33.9025412
2.7185615	2.89409338	2.95987918	3.05516968	2.97120051	2.6349799	2.66307809	3.17439094
0.06003259	0.06302821	0.06246491	0.05937738	0.05622826	0.07878142	0.0939545	0.08758629
0.51361404	0.53044033	0.55000875	0.56998634	0.58185026	0.66143873	0.6502836	0.61598792
0.20846763	0.23720857	0.22405671	0.24358879	0.24704299	0.24737246	0.24461196	0.30608692
0.08810771	0.09152984	0.09490548	0.09827256	0.09986258	0.11522503	0.11313088	0.10834265
0.04907053	0.05094841	0.05279619	0.05463938	0.05551351	0.06389984	0.06278154	0.06018519
0.0352191	0.03824057	0.03832642	0.03831349	0.07343895	0.07039901	0.06416314	0.08322357
38.5103761	40.5122621	45.4645625	47.6865861	50.3037123	53.2160701	53.3280517	53.0084492
0.01224143	0.01476823	0.01340737	0.01477587	0.01477592	0.01461405	0.01444996	0.01880979
0.00086638	0.00088014	0.00089265	0.00090281	0.00091267	0.00092328	0.00093674	0.0009534
3.01947059	3.32048658	3.29136261	3.77327444	4.17228037	4.65153627	4.66637077	4.0327235
0.0996143	0.12069684	0.10938627	0.12082612	0.12085569	0.11953093	0.11817226	0.10205513
1.55810497	1.84030709	1.86552737	1.86852071	1.76062312	1.68116987	1.77309475	1.77277262
11.3883795	11.2693668	13.0830195	15.1685996	16.1712875	15.1208764	15.5571118	16.7407132
1.37129109	1.47712234	1.55278174	1.68626015	1.70328485	1.80374469	1.86450056	1.7786887
23.1298209	23.6682966	22.901859	22.5200514	23.5840936	25.1715558	22.7185922	24.5233986
0.59902306	0.60576331	0.81091191	0.84669595	0.88622152	0.86836589	0.85891741	0.75314975
76.9169216	78.4105938	82.3824189	86.2795496	93.6945635	92.335453	91.6038142	90.3602053
46.9388742	48.7719689	52.5045173	71.7762604	84.4443098	90.8935758	90.5735527	95.6329652
237.640939	253.201702	270.693578	276.021826	271.347044	291.733209	303.576495	333.988475
24.1694031	22.7066491	23.2753467	24.8662741	24.6659559	29.0126296	27.8914725	27.6639361
121.770167	124.050165	143.140322	150.102958	146.242725	136.237677	116.343473	115.164126
32.1215068	36.7925413	46.2252521	42.3994228	46.6749507	57.857646	52.0003782	36.0682608
2.52862656	2.37358892	2.39602129	2.46575567	2.54086107	2.62794992	2.43269223	2.34014529
17.3025431	18.1961393	18.173044	18.9641553	20.1920376	20.5651094	20.424608	21.2700269
372.397776	356.223596	382.895136	371.907858	379.300987	395.252101	398.015906	386.229584
8.85031395	7.44071636	6.6124078	7.23673577	7.40580096	7.13192051	6.87730752	6.80284814
2.84109755	3.15099128	3.7710931	3.90419111	4.7334521	5.04802593	6.41943488	7.40914256
1003.18816	948.680143	980.73315	1005.77888	1006.37406	1030.14405	1003.14338	981.585539
218.322302	227.904343	233.997369	237.553042	250.333729	255.004092	263.837802	249.834517

4.09258385	4.02911402	4.58607827	4.90487876	4.90707002	4.84612671	5.19739688	5.16612795
18.0729857	19.138377	19.8199723	20.3468744	21.313618	21.8448597	22.9646969	22.0344843
0.32141852	0.27198815	0.26842724	0.28092168	0.2589489	0.2716358	0.29145417	0.30329696
0.02964609	0.02449263	0.02413291	0.02548061	0.02528644	0.02717067	0.02925596	0.02895553
0.01606621	0.01943843	0.01762734	0.01945519	0.01945763	0.01924281	0.01902268	0.01866221
83.6997573	90.7721365	101.465502	115.55349	122.194346	138.969602	141.426114	147.3654
30.349857	25.9647531	26.5915487	26.2018159	30.2115272	34.6955178	32.4713741	30.7398536
0.45122528	0.3740911	0.3688376	0.38917154	0.38634111	0.41474932	0.44622862	0.1825188
7.53089174	6.70961109	6.30021326	5.47569814	6.62637392	7.44923037	7.53328104	7.62307109
1.0734348	1.11562578	1.1615776	1.20027229	1.2316042	1.43713985	1.37581064	1.21745615
12.9941768	16.2393944	20.9196275	22.6080394	24.2866814	27.1300478	28.0610133	25.0749538
0.03226006	0.03900941	0.03539544	0.03905956	0.03907455	0.0386549	0.03822294	0.02825758
3.39649664	2.98606007	3.0530967	3.29504528	3.89248292	4.20917931	4.2068402	4.33513731
0.08181405	0.08495076	0.0880395	0.09114158	0.09264021	0.10665867	0.10479936	0.10048049
24.4888741	26.1064045	27.2613859	28.227434	29.3338879	30.3213731	31.5841364	31.9105118
17.8086714	14.0898484	15.0228733	14.2879713	15.4726986	14.6539404	13.6721147	11.6825938
13.943505	14.9232318	15.5467959	16.0298183	16.6770649	17.1879913	17.8533312	18.0588491
0.47653209	0.39404273	0.38825085	0.4097751	0.40662977	0.43674363	0.47008281	0.45083616
10.1105939	10.8466721	11.90336	13.12921	14.0349998	15.2191978	15.6797987	15.7789491
22.9706831	24.6468376	25.4773793	26.0676003	27.0573822	27.7174984	28.8363434	28.7743007
0.72009656	0.80035134	0.74489972	0.7677506	0.83723655	0.90316	0.99727245	0.80092251
0.01541902	0.01288717	0.01275203	0.01347059	0.01342003	0.0144109	0.01550796	0.01540671
158.312421	166.615042	177.769401	183.82244	206.051591	217.958932	241.034316	259.208885
10.2523725	8.19007709	8.6145534	8.88482447	8.59867034	9.76262499	8.95792103	9.70023775
0.27328759	0.28641729	0.2906166	0.29849784	0.30263903	0.34149099	0.33249276	0.42372854
0.75284618	0.67773733	0.76471047	0.80892682	0.94238065	0.91871814	1.02083443	1.1555937
4.25619642	4.17218917	4.46526726	4.78738403	4.96380885	5.16973549	5.46789587	5.41890388
6.13564633	6.3121492	6.51028351	7.41778283	8.00202368	8.50988289	9.34219743	8.75391839
2.93024382	2.5306027	2.56816287	2.49629857	2.17915486	2.0587606	2.4897097	2.19272027
0.37417138	0.3898196	0.40229978	0.41554046	0.42303608	0.47923243	0.47640739	0.43930682
0.23816662	0.27574485	0.25740276	0.28105711	0.28447805	0.28367727	0.29763033	0.29709737
0.44246801	0.46092431	0.50920895	0.59099955	0.61895614	0.62308704	0.58162392	0.60125622
0.41085293	0.46859497	0.44791681	0.44751663	0.45478496	0.45750724	0.51328053	0.5020516
17.8525107	19.2435807	21.2425329	21.1059078	27.1876409	31.2059032	32.3916499	33.0891015
0.81471413	0.83879516	0.86723434	0.89742835	0.91026341	1.04976095	1.03106414	0.98698383
1.61679579	1.36746521	1.3530072	1.43885249	1.44477105	1.55140597	1.6714193	1.61237885
0.25062325	0.29065038	0.31584489	0.35164084	0.38632282	0.41479772	0.51463721	0.60295109
83.9682347	63.9782632	75.1685914	66.4333035	69.5032806	99.3870965	89.5662994	73.276985
2.03352811	2.01774471	2.3104522	2.82513403	2.55699442	1.6827628	1.96934916	2.07753309
148.741548	140.056893	150.841347	148.544045	153.342014	162.77843	155.165987	154.247292
36.6698155	35.9637344	38.0962816	39.0653548	38.0309408	40.8161593	39.1193569	35.6755761
0.49088618	0.41043357	0.35344581	0.39639014	0.37697228	0.54803378	0.61148603	0.53635936
18.7353315	17.6845888	19.4805756	20.0217248	19.479385	17.6770637	17.7782772	17.5685367
7.76163145	25.8634444	28.7941019	28.7423427	23.7633457	21.4359286	12.9018077	14.4340802
21.2708713	23.5670782	22.492401	23.9230376	25.1159301	27.1066144	29.0197187	31.5954892
3.18426181	3.25761525	3.24947001	3.22192265	3.06367216	3.32225755	3.19535278	2.77612075
19.9879898	20.3817195	20.8294116	20.5246105	20.6188016	21.5108098	22.6288299	23.3924673
29.9470555	32.9043438	32.7924609	35.7544527	36.8260459	39.6027271	35.6772011	33.9344632
1.99478201	1.99478214	1.99478215	1.99478206	1.99478194	1.9947819	1.99478201	2.02484797
1.77800807	1.46886165	1.44733555	1.528257	1.51665864	1.62977643	1.75497884	1.73702334
361.758318	376.974597	401.711645	416.31876	444.217087	444.839384	456.308684	418.967247

40.8739518	38.0329852	41.6920624	46.852339	47.444512	40.4256863	33.1818061	28.4470338
84.1345364	87.8532141	93.1334827	98.3361297	103.66617	111.970613	117.867578	120.978492
20.4193203	21.9976012	23.3063173	23.0918537	23.9618268	26.7310248	28.3702925	30.0549441
0.74875504	0.80324892	0.89247265	1.27055658	1.52679333	1.46234027	1.49580077	1.44464009
0.22266675	0.18403969	0.18136571	0.19149881	0.19006633	0.20422236	0.21988706	0.3329537
20.8138815	19.9177834	18.6417749	16.692069	18.7995977	17.5972869	14.5647799	11.8276947
0.41307679	0.42573834	0.44168364	0.4556705	0.44910114	0.5216753	0.50591749	0.49425349
147.169054	159.060169	174.856749	182.939612	198.315758	203.312268	200.812718	201.692827
1536.30421	1620.82237	1681.83411	1719.56814	1841.68543	1867.64691	1929.31138	1923.54179
0.07986253	0.09573157	0.12705421	0.12681451	0.14212646	0.14287956	0.33815196	0.41032383
108.753794	89.1947984	110.910982	119.66655	127.619847	151.917285	187.867602	174.329753
35.5278987	37.0908185	38.5052316	40.5749613	43.6179453	45.3748384	44.5336025	52.7179238
4.5186474	3.53369973	3.41698564	3.56028771	3.23325987	3.32937954	3.92807525	3.81531501
365.750039	341.038575	351.674438	351.488486	353.618119	364.356811	356.809992	331.695638
1.64943434	1.79926851	1.88383669	2.00427865	1.95964278	2.16800494	2.24332667	2.21457872
9.30960329	9.3414125	10.1537668	11.2622327	12.8066429	13.7734935	13.8265636	14.9544569
0.00266511	0.00231906	0.00184288	0.00337081	0.0028477	0.00301468	0.00323566	0.00207086
0.10378759	0.0857592	0.0845086	0.08923495	0.08856465	0.09516882	0.10247826	0.14467081
0.4019236	0.41745998	0.43277979	0.44806967	0.45529652	0.5251111	0.51555775	0.49372847
2.05722493	2.31065702	2.34819942	2.41647875	2.57738707	2.40124505	2.02072911	2.01604494
0.6346067	0.65965362	0.68465783	0.70992807	0.72241835	0.83374213	0.81941535	0.91165679
0.03979585	0.04822699	0.04370073	0.04827337	0.04828253	0.04774877	0.04720093	0.04630201
0.01599742	0.01661768	0.01722991	0.01784121	0.01813013	0.02092201	0.02053851	0.01966332
0.67642098	0.7516624	0.71461053	0.78256118	0.80167281	0.79237985	0.77444302	0.65707126
46.7197358	48.15487	49.1570818	51.1909983	57.4209288	58.6823852	62.7369406	60.8310167
12.4766666	12.0210223	11.5882441	12.6163048	13.2739069	14.0607212	14.2749988	11.5663723
83.4950573	85.2836887	92.3837035	88.4695873	82.964749	86.1058941	78.6289875	71.0358087
0.25001093	0.28163365	0.27535658	0.27536087	0.56022863	0.56132933	0.61768394	0.58141874
0.11883311	0.12345715	0.12801479	0.13256149	0.13468769	0.15558819	0.15267715	0.11691293
7.94253703	9.29414955	10.6829437	11.7479454	12.045407	15.3407211	14.370835	16.1650749
0.00354623	0.00429635	0.00389401	0.00430091	0.00430194	0.00425475	0.00420637	0.0041269
0.17070931	0.1771078	0.18422285	0.19397418	0.197069	0.22490011	0.21938216	0.19893265
0.33983538	0.39437301	0.34933148	0.4601394	0.50060046	0.55770031	0.51460831	0.4986402
23.2353635	23.8411455	27.2558482	30.1236901	33.4002355	35.5286161	37.2864847	36.7035748
9.3204326	9.97629922	10.2172225	10.4992389	10.7811032	11.0509031	11.5688851	11.6283061
21.7646373	23.7438896	24.3390184	25.2033342	27.079498	27.9889922	29.9987329	30.9581855
0.00153644	0.00153781	0.00151013	0.0014636	0.00140929	0.00136411	0.00134417	0.00135131
0.02973629	0.02458218	0.02422204	0.02557012	0.02537665	0.02726116	0.02934596	0.04345571
6.77684405	6.07110376	7.09144874	7.87712452	8.17505173	8.02942662	8.82119119	9.26260179
5.33080701	5.42828781	5.79134887	6.51882171	7.23516868	8.54342448	9.41725347	9.7376322
65.0520365	70.3650622	78.0579005	86.1017443	85.0326919	78.4387588	81.8176362	81.9805939
44.5234295	48.208283	57.1310802	61.4415103	69.5026165	73.2928427	80.6232867	73.8967825
1.74737189	1.63271784	1.57854756	1.60930866	1.6843972	1.7762972	1.75187463	1.77177645
0.893448	0.82202437	1.02239495	0.95206962	0.74272197	0.76549496	0.717367	0.58364877
556.145602	582.175408	600.139615	610.537632	653.217529	667.046834	684.872304	674.33385
5.32027768	5.66421388	5.76974537	5.59345649	5.83522286	6.29370852	5.59427926	5.3008645
4727.68122	4515.61599	4816.01526	4980.20987	4970.06365	5006.91149	4780.42804	4709.23437
64.4046065	71.1049579	71.945366	74.684119	78.833659	81.6278214	87.9049555	91.1283199
0.01226812	0.01480203	0.01344771	0.01482292	0.01482905	0.01467226	0.01451104	0.01424417
65.8311524	62.2372049	65.656765	67.4773892	72.6464227	82.2304507	90.2442112	90.7375843
0.00802816	0.00971499	0.00881014	0.00972496	0.00972721	0.00962131	0.00951322	0.01396246

15.7753939	18.5562313	13.5562226	14.7493181	14.9330111	15.576231	16.2677901	16.7362378
0.11836384	0.09775142	0.09631289	0.10169673	0.10092056	0.10845516	0.11679366	0.10117789
0.10370836	0.08566729	0.08440517	0.08911798	0.08843319	0.09502236	0.10231506	0.10125692
2.33102147	2.23229438	2.73071982	2.77649199	3.04542629	3.25630116	4.10233926	4.11600675
215.011076	230.932666	245.350592	245.108622	223.068245	228.578107	242.810619	256.496258
4.61391713	4.77866292	4.7823644	4.335801	4.12671935	3.75120089	3.74641594	3.44627574
10.4006891	9.16770647	10.0477985	9.01910952	8.90189475	9.18753361	9.79369802	9.39252799
3806.13235	3715.35656	3975.20062	3954.64397	4100.03968	4246.21832	4164.75957	3986.06441
17400.2759	17328.558	18317.0051	18871.7087	19491.2209	20031.8565	19782.5037	19411.7194

1982	1983	1984	1985	1986	1987	1988	1989
0.08182398	0.08442884	0.09859186	0.10413882	0.11374167	0.12869486	0.14284732	0.19741783
2.30960055	3.00169879	3.22469909	4.12337492	3.94163854	3.27277453	3.08791333	2.895959
12.7715083	13.2212928	13.3565514	14.1037418	14.2461859	14.5016412	14.9408036	15.1034983
0.00702842	0.00609838	0.00581065	0.0036805	0.00316463	0.00613632	0.00580821	0.00616006
210.056396	211.936887	219.877749	225.908136	248.130141	262.332518	277.172844	291.117427
7.27302191	7.79223145	8.43115588	8.07394044	8.15135886	8.29270771	8.19959338	7.90592145
7.29581274	6.82884355	6.69071262	4.49920578	4.29708304	3.96531331	3.45935116	2.95671199
38.0650325	36.7927764	49.9812212	51.8115172	50.234069	52.0698484	50.9892374	56.9360254
98.0069141	101.439355	100.835633	94.2103679	101.638247	107.249383	111.03413	107.776298
17.9757687	18.0297399	18.1670937	18.2517489	18.4422778	18.6401041	18.545438	18.1265207
0.14760802	0.0853351	0.10429857	0.10465811	0.11066909	0.1462402	0.15787278	0.16182433
229.262384	217.733354	223.519004	237.935442	238.395281	249.584519	258.383308	274.161203
55.8364173	55.852224	57.6594898	59.1314262	57.9230284	58.5075005	57.1105908	57.1139005
42.417047	43.2744905	44.0578283	44.7895925	45.665221	46.6379999	46.5325237	46.6665858
0.07365224	0.08972373	0.10633209	0.10629915	0.11153778	0.16207972	0.2295864	0.24375651
118.126821	108.440302	111.235928	108.806604	109.370781	109.475548	111.728114	112.803013
0.51659508	0.50969685	0.52357426	0.61665987	0.55281126	0.50211947	0.45455059	0.40077272
0.28707494	0.31342764	0.30350271	0.29360248	0.35745192	0.50753718	0.49798	0.4125669
8.42467988	9.06147253	8.77125085	9.79564133	10.7824967	11.8891229	12.7403628	14.0781717
92.5919947	91.6513582	90.1122643	92.2785173	93.3761517	93.7149687	92.8576178	91.7015208
8.50818295	8.83474279	9.04475507	9.6478909	10.9691537	10.7212957	11.3149915	11.4204523
1.11494019	0.82137434	0.80582562	0.7140687	0.74773202	0.88336621	0.90246253	1.05695801
17.0804095	18.0839022	18.8432649	19.8481075	20.783255	19.2044169	19.5458291	19.8861339
101.384913	101.920376	101.450609	101.444554	101.894398	102.491046	100.900652	97.422201
0.06181708	0.0606116	0.07201738	0.07227943	0.09346616	0.08136763	0.06391693	0.09605491
0.15210782	0.15753347	0.17047136	0.16633531	0.16296401	0.24824565	0.29154959	0.36254841
5.51908845	5.6834353	5.19319889	5.1146609	4.7652072	4.94865897	5.35895269	6.17028929
189.322397	181.629321	184.758055	198.052494	216.933385	222.932658	227.770972	230.971185
0.3270347	0.34224007	0.41008883	0.4990143	0.53936932	0.51011319	0.52310719	0.59590427
3.69911907	4.03090867	3.90388299	3.8486889	3.62364188	3.72725954	4.05809428	3.99461939
0.07777635	0.07895135	0.07752211	0.08250013	0.08311385	0.12881096	0.13374234	0.13551849
1.44589637	1.41680439	1.41181008	1.51118517	1.73805997	1.8036141	2.16413964	2.38521335
0.1319282	0.15405851	0.13954007	0.13924562	0.17405316	0.22335071	0.20554584	0.18999408
413.774015	407.423878	426.778374	426.650009	416.580393	429.318156	460.339803	475.47066
38.7975236	42.8926209	42.3805551	45.5769905	45.4827325	43.8911781	43.8461929	43.6566592
21.8926543	22.3958787	23.6290125	22.8329786	23.1058334	23.3411516	28.2795751	33.9725316
1619.32451	1704.07659	1858.54791	1878.47524	1994.73364	2133.27823	2293.58259	2372.09459
3.44551997	4.05551666	3.6145715	3.31241003	3.45908163	3.37554145	3.41322535	3.27913832
2.305491	4.65610144	4.86663774	4.77731842	5.78505743	5.25966649	3.31379416	4.7609207
3.04381425	3.97930785	3.88711228	3.63159648	3.39995089	3.73463229	3.8768545	3.68496246
2.37527086	2.44950317	2.41737023	2.45645945	2.39326463	2.44443774	2.41714467	2.41998535
0.05680813	0.05616701	0.05012691	0.05545716	0.03592148	0.04090182	0.04125301	0.0397169
42.1910623	44.2790373	45.0187614	46.5635954	47.0817151	49.1070494	49.6187141	51.1549309
0.02780753	0.0304208	0.0294057	0.02932502	0.01698461	0.05026066	0.04614844	0.04265329
0.08181488	0.08960209	0.10557172	0.10520589	0.0340417	0.05052244	0.06249599	0.06944905
1.97157918	2.00141095	2.07783277	2.19052026	2.28603967	2.41025377	2.55172643	2.88239441
33.4652271	36.0357022	38.0274565	35.3922262	36.0300143	39.245523	40.9247869	41.7151991
0.05852899	0.06159321	0.07322747	0.07585239	0.08384159	0.09433555	0.10747036	0.1101844
3.16495731	3.15069231	3.20272207	3.14637637	3.49754282	4.05931162	4.11417374	4.35086607
196.148191	196.80161	199.356325	196.748815	194.794308	194.638352	190.622661	183.085615



1054.04014	1069.55052	1085.7373	1086.34021	1080.19401	1072.25238	1065.97989	1050.76896
0.72205615	0.59358637	0.47753023	0.47584309	0.44490476	0.6427398	0.57694077	1.22700102
0.01332056	0.01305917	0.01448985	0.01453873	0.01246865	0.01845959	0.02130375	0.0218399
56.8467431	53.3088472	54.945882	62.7432392	63.3747686	61.4096889	57.4885732	51.8044582
6.39695358	7.41311284	7.79522859	6.85127141	7.66114877	8.80656147	8.8325401	9.40928184
56.8630881	59.1930157	62.3584911	71.684195	74.9487629	72.2301504	72.9392215	73.193934
14.1821113	13.3304095	13.998116	15.0580225	15.7479589	14.4908159	16.2708659	16.3365846
55.8185237	62.1600437	68.4382869	71.8167807	74.9842671	81.2608677	83.4202249	88.5722965
0.31761396	0.3224945	0.32379109	0.33320764	0.29142515	0.29654229	0.30556562	0.31295527
0.11560035	0.11851023	0.11540438	0.12922855	0.13358948	0.17486278	0.16318787	0.15095409
214.153516	217.304885	206.43216	199.700428	203.571957	204.761274	208.93707	227.25053
41.5158225	41.2521847	40.2142295	39.3794427	38.3614208	37.7335042	35.806884	32.5575593
1.24939484	1.33414284	1.24166694	1.2911504	1.62200817	1.89922874	1.98324935	2.09153023
46.2630913	44.677233	46.0211781	50.4557829	50.5612055	55.2231576	53.8673621	53.8885427
1.09573341	0.9068577	0.75657105	0.84897344	0.87337287	0.79286511	0.78374687	0.90692781
0.00348391	0.00341416	0.00379577	0.00475486	0.00383219	0.00407154	0.00772961	0.01160593
435.664195	416.533873	404.967318	394.706772	382.601008	375.772706	375.84392	390.35998
0.00133663	0.00136416	0.00139426	0.00142589	0.00146094	0.00149805	0.00153234	0.00156355
6.45809674	5.93120587	6.86012405	7.84051624	5.62830593	4.79920677	4.96000166	6.2585071
573.10097	566.265272	549.9603	576.542702	590.533705	595.184686	592.890448	579.287392
33.4977864	32.920741	32.6352776	32.1973368	31.9120558	32.3219858	31.8370125	30.6511658
2.7333669	1.72683002	2.00085607	2.34110955	2.53874042	2.70766214	2.84250404	3.17145282
0.09762042	0.08815637	0.08494321	0.0911531	0.11713347	0.12859345	0.14388838	0.13745603
0.5859005	0.64608212	0.62844711	0.58901929	0.7370472	1.07213826	1.00619716	0.90636282
0.34675012	0.37698233	0.42528687	0.40036897	0.41892679	0.49714023	0.57641044	0.62738366
0.10061078	0.11015643	0.11595245	0.11560229	0.10869282	0.18565375	0.17052069	0.15729559
0.05598798	0.0612061	0.07825609	0.08752648	0.078457	0.18283896	0.19350409	0.18098014
0.06401693	0.04193516	0.04503062	0.04219186	0.04842129	0.05150867	0.05788874	0.07716146
54.1476138	57.6320566	59.0334212	62.4468922	62.0399446	67.2296395	71.7362461	76.4173846
0.01760113	0.01725809	0.01917117	0.01924017	0.0231459	0.03051769	0.03394728	0.03480397
0.00097315	0.00099552	0.00101983	0.00104259	0.00106367	0.00108615	0.00110673	0.00112511
3.68562528	3.12997101	3.51321201	3.69201751	3.20600468	3.58596659	3.52339588	3.75563026
0.11701129	0.11890809	0.10399872	0.10437614	0.12719972	0.15119509	0.18656992	0.22071925
1.4425583	1.29410002	1.40261092	1.44068062	1.36446214	1.34542399	1.39538834	1.2340438
19.0545659	22.5582649	24.9222736	25.9437864	29.794084	29.8117869	33.3548072	34.2742907
1.74912424	2.01168031	2.05970647	1.85791813	1.89319313	2.0993026	2.24685137	2.49439542
24.7935323	27.8807674	28.6820747	29.4407738	31.8373267	31.1144746	34.2053805	32.9081581
0.89280118	0.98303566	1.01262602	1.04675795	0.97891516	1.05660285	1.13188153	1.16141214
90.5546035	86.8410344	88.4072036	88.3481831	86.9563449	88.0629623	83.3566784	81.1078294
96.3764303	95.3967208	97.6195359	106.017218	117.082669	120.194242	128.647458	134.494231
351.903754	374.597335	412.861703	431.411785	468.5979	501.434069	532.298579	570.124348
27.3743967	26.9687636	26.9845118	28.5881997	29.5498746	31.1108639	30.2282483	31.2710706
141.310842	159.611536	157.021781	167.182591	155.970932	164.901982	166.39074	178.64404
38.2868558	42.1451586	47.4833055	54.7189107	61.415938	61.144925	65.8103301	73.4926373
1.97975405	2.02110541	2.24591868	2.1351097	2.14221971	2.18019269	2.30114238	2.30134791
22.4677506	23.2935394	24.1394667	25.810535	28.1207693	30.6844127	32.5611171	33.7921886
378.052818	373.715922	379.190819	378.926522	380.777155	400.334889	405.096684	423.22969
5.79906363	5.86893361	5.47184283	4.87285828	4.65555796	4.81638429	5.05636969	6.47013873
7.8398125	9.05542695	9.91833902	10.1417753	10.7752746	12.025005	11.5872719	9.51050847
939.760727	943.244707	1011.04875	983.457631	980.480031	987.784011	1060.66808	1090.49426
239.535725	235.024541	227.538571	220.729175	221.369583	236.052156	244.12738	241.178699

4.83940298	4.52018962	5.23579326	5.38263988	6.01190845	6.25397695	6.22080556	6.56571439
20.8849495	19.7800971	18.8191188	18.2702582	18.1767452	19.8665165	20.5664953	20.6260569
0.3279183	0.36724283	0.3678861	0.40604765	0.35370743	0.40088114	0.43226267	0.41765343
0.02852478	0.02820655	0.01266427	0.01399988	0.01252577	0.01673389	0.01687222	0.01626116
0.01744793	0.01709844	0.01900525	0.01906968	0.01699685	0.01805396	0.0206717	0.02119485
147.223238	160.324953	180.462776	188.902902	196.749919	202.534002	228.654347	240.745639
32.8354102	35.4449252	36.1189327	40.8373334	43.9422665	47.2080722	56.7306102	66.2702689
0.16599936	0.1785712	0.14826418	0.17709912	0.19065555	0.21596779	0.21810593	0.23731044
5.61414374	5.98901685	6.11962043	7.12239228	7.52055229	7.69051024	5.93206354	5.97316053
1.11698041	1.23049017	1.09262902	1.09657399	0.85305361	0.89292781	1.07284085	0.8000019
28.1315171	26.5471818	27.0202811	25.1967479	28.6223483	28.0459642	29.4990259	28.7825406
0.03509191	0.03016444	0.03351097	0.04309304	0.04496878	0.05178441	0.07066188	0.07245098
4.93534058	5.03781642	4.41789994	4.0187624	3.97606227	4.55929353	4.38925161	4.17469703
0.09350157	0.10222326	0.09884281	0.10807326	0.11748118	0.16467128	0.10494835	0.1398074
32.0230354	32.1853652	32.7745057	32.7411124	33.2693559	33.6154252	33.5966217	33.1176001
10.924264	10.1505552	11.1934166	11.3161015	11.0476393	10.4451642	10.9159302	11.7158208
18.4382718	18.6588139	18.7293584	18.7709954	19.1240333	19.3758971	19.3339147	18.9848879
0.47253308	0.64972259	0.63038643	0.572331	0.71011672	0.87608107	0.85562946	0.87726501
16.5022495	17.3533935	17.5245591	18.2517233	18.7454523	19.2005686	20.2361863	21.8635125
29.0902787	29.3147769	29.5591561	29.7705497	30.6018577	31.3291129	31.5398108	31.3623554
0.74035678	0.67022434	0.86331065	0.78851851	0.74513734	0.80856383	0.74680801	0.77528072
0.01524592	0.01514362	0.05126804	0.05666011	0.05673602	0.06447743	0.07878471	0.07596742
277.725171	261.405924	265.126642	274.354515	269.973547	281.359831	280.008338	293.298698
8.32091315	7.74483668	9.07568971	9.62914456	9.91588491	9.53628118	9.67843097	9.95199875
0.3020948	0.32519626	0.31743888	0.3426436	0.27567202	0.4358324	0.23893445	0.40273059
1.32293592	0.98078465	1.33803397	1.16907484	1.8834426	1.97448942	2.14751933	2.3281678
5.61123557	5.43880123	5.95131653	6.27726834	6.58009898	4.9754429	4.68111868	4.71014712
9.43702445	9.68646625	10.3217696	11.9277699	13.061939	13.8693024	14.7067595	13.9664779
2.02187091	1.84365871	1.55359973	1.57618631	1.54100144	1.5401949	1.54824386	1.53122588
0.41070969	0.44584207	0.62331922	0.61863935	0.386671	0.7060703	0.83591335	0.88899167
0.29606104	0.28682991	0.27541471	0.31916333	0.34576622	0.40260393	0.50516997	0.66944566
0.55361772	0.62977595	0.67673028	0.63543784	0.78722362	0.83251289	0.92194806	1.03936531
0.42947785	0.38906958	0.35939488	0.3769883	0.36420697	0.48428047	0.42835201	0.48733822
35.7917699	41.0466166	43.1614714	42.7144506	43.9599212	44.7952392	47.9097602	56.6283189
0.91572729	0.9995373	0.96324144	1.05698889	1.1563126	1.76987111	1.80395082	1.59142621
1.11672737	1.01097438	1.07393694	1.43158885	1.37252764	1.50349727	1.46760859	1.59947642
0.63153026	0.69428883	0.58249619	0.59958015	0.78192293	0.7757685	0.80123683	0.82173728
69.8610766	69.9547648	70.269862	73.1869938	71.5111126	67.7068657	76.9881422	79.4809976
2.02979099	2.20092568	1.99868148	2.01656006	2.38492697	2.41178393	2.15620769	1.71591179
143.946331	139.367512	145.504775	149.774988	152.11123	156.376181	156.36808	159.600516
32.2566357	32.129832	34.107291	34.9816676	37.3734359	36.0513445	37.0658289	36.0700101
0.6009239	0.82722029	0.88777844	0.67714362	0.89556077	0.95287185	0.95522254	0.76748949
19.2499976	19.4228573	19.8152759	20.8110659	20.2726208	21.3747965	22.6613806	23.0629804
12.5806767	14.3170726	12.2617095	9.55239203	11.3448041	11.022349	12.2785261	12.1870966
35.4822695	37.8770195	39.8541427	43.9229958	47.1302694	54.5186466	58.7067964	63.4485509
3.13043324	3.58993375	2.99790388	2.81469112	2.9111234	3.22076608	2.46396568	2.57384201
22.9951301	19.5090472	20.2398816	19.5511286	21.2855642	23.0166871	23.3057606	21.0034592
34.1306619	36.583425	32.3282935	32.0848866	30.1782215	36.8425494	38.4461551	39.8304697
2.01035082	2.08702949	2.30814872	1.86774703	2.03602037	2.13438593	2.0429499	2.13339467
1.71125615	1.69223567	1.76174255	1.94852145	1.73159872	2.20185187	2.06971479	2.04611578
425.205174	429.176132	444.48713	454.635066	462.24669	478.204811	468.013522	447.1089

21.6078735	21.996259	19.7352683	17.2599184	21.4100837	19.1393942	22.3409225	23.4137396
126.521143	131.05354	135.640443	140.048767	138.367593	133.246448	136.639146	137.68641
31.9335132	30.9815718	30.2699273	28.8329106	32.9420794	33.0412512	34.0912874	42.5668472
1.43100933	1.39368743	1.53114319	1.52838507	1.63207022	1.81478384	2.04791882	2.04893171
0.42738429	0.56296783	0.75310525	0.72223989	0.79393318	0.90391947	0.89711022	0.87094634
12.6412354	11.3448815	16.3486413	15.4514255	16.2322111	16.398196	16.7537571	17.5027134
0.50538837	0.62578314	0.6749811	0.67367157	0.68650424	1.02712688	1.1050876	1.08384686
200.560489	202.559884	200.178267	199.183844	204.89428	212.254722	216.421881	214.908673
1951.44604	1985.1133	2020.41483	2059.48996	2126.78227	2189.16387	2241.07167	2252.95048
0.42084786	0.4721829	0.44344554	0.46364402	0.46735126	0.47256659	0.54529453	0.54694615
178.238091	177.214432	136.315745	135.664615	135.84577	147.241338	159.355218	160.546423
56.4436327	59.753224	61.6115677	64.816813	67.5157139	64.0348244	64.0450538	62.8843722
3.94265623	3.98460882	3.61762189	4.2614251	4.15491597	3.20812192	4.62196101	4.1629262
298.950893	279.961175	283.748877	306.28182	325.708999	322.262964	337.891126	337.800914
2.12069283	2.11238002	2.25953067	2.33698515	2.23624088	2.25301268	2.16656783	2.27720607
15.6167824	16.9487108	18.1314869	18.98252	19.3285938	19.7184033	22.1862784	23.4915912
0.0018335	0.00296296	0.00264342	0.00294236	0.00326124	0.00458121	0.00512647	0.00520974
0.12833407	0.14094074	0.12585934	0.12534647	0.09889895	0.13119076	0.16018485	0.15431876
0.49460088	0.52088432	0.48480026	0.53834428	0.59647032	0.89921613	0.91303085	0.80383661
1.88303404	1.94644837	1.90119314	2.07874358	2.06161063	2.46545723	2.43829818	2.43219563
0.83778691	0.89654278	0.89433383	0.88179621	1.01465707	1.04180784	0.94039629	0.89147838
0.0389454	0.04239732	0.04716876	0.04260308	0.05455577	0.07367054	0.07969473	0.09906157
0.01825315	0.01998454	0.01929693	0.01923204	0.02205864	0.03109791	0.02854473	0.02632248
0.58183335	0.42808362	0.37807128	0.4910016	0.49702393	0.39449319	0.48049806	0.57128668
59.074861	58.8537588	61.0508868	60.8086376	57.9887595	59.8212369	60.8743556	60.4380292
11.291407	13.8570467	14.020534	13.6792799	13.5587654	12.9123842	17.2699999	16.1015575
64.9046798	59.0758483	58.570484	62.5553406	64.2112016	62.2465934	60.4907168	57.6203368
0.58723956	0.43984326	0.49895258	0.5739924	0.63349996	0.66459745	0.7087713	0.74309301
0.09941479	0.18795748	0.19092498	0.19973607	0.19707017	0.29421034	0.40053831	0.38377171
19.1396817	22.6130176	25.3344953	22.8578684	23.837869	30.2799509	29.7104879	28.671343
0.00385768	0.00378076	0.00420558	0.00422073	0.00439139	0.00466683	0.0050394	0.0051659
0.18591502	0.19957167	0.09764285	0.11667815	0.19995329	0.25022618	0.1431288	0.14530582
0.56356179	0.41117097	0.45646311	0.43044343	0.63908743	0.69331946	0.67966946	0.68951427
35.529867	39.5041299	44.6886408	48.7225034	50.3707278	58.134264	66.1498319	77.3061094
11.6829786	11.8621692	11.8169528	12.3246015	12.7783846	12.9901101	13.2000715	13.2826983
31.8024536	32.754823	33.9278384	35.112276	36.3442088	37.4732162	38.4059511	39.2344551
0.00138264	0.00142897	0.00147953	0.00152647	0.00156798	0.0016037	0.00163921	0.00167991
0.04280591	0.04232417	0.03779322	0.04179037	0.02251343	0.05760197	0.07326373	0.08669333
10.4274698	11.1325963	11.6442543	11.8687626	11.682152	12.0043199	12.7778957	12.7794294
9.46760832	10.9991791	11.4596275	11.8579234	12.2073168	12.344877	13.1362795	14.1755568
88.9057525	93.8453262	99.3743901	108.015356	118.27914	128.65472	124.706609	138.22624
78.2594329	82.3221905	85.2026341	84.4291836	96.0385091	100.954957	117.89831	128.021599
1.61436394	1.58092956	1.65271336	1.74268162	1.84254545	1.87458959	1.95621379	1.97150706
0.54742862	0.52349306	0.5439696	0.56489025	0.62163768	0.69450849	0.74901753	0.70428825
672.416839	672.962137	676.075503	678.383742	692.580702	713.962667	722.0811	718.287567
4.93881725	3.93593572	3.53260182	3.32015784	3.24973239	3.68253393	4.73822053	5.10793046
4465.03842	4449.04688	4654.83884	4681.05825	4643.5416	4800.89959	5021.39199	5079.0491
94.3018998	97.7334334	101.50307	105.40058	109.785079	113.922555	116.686928	118.13928
0.01333699	0.01307816	0.01451159	0.01456338	0.01282489	0.01360975	0.01722932	0.02845258
92.5968551	90.4491363	93.8705083	92.0730134	92.5684308	97.1647919	93.526442	99.5966727
0.01305529	0.01279717	0.00951862	0.0095555	0.0060635	0.01690268	0.01824819	0.01871005

18.1202306	19.5424233	19.5931502	19.753965	21.6808814	24.114459	23.6710034	20.3262926
0.09966818	0.09855499	0.08799151	0.11118343	0.08953093	0.0882965	0.11652538	0.0989903
0.11393871	0.11265761	0.12562843	0.11124045	0.08413369	0.09575695	0.096577	0.11945518
4.59121964	5.04995395	5.16489547	5.51240915	5.82001504	6.37511122	6.8668798	7.0878019
262.989918	265.180319	282.717871	287.417052	285.096048	301.145989	304.740068	301.459376
3.3375217	3.24552096	3.18608022	3.19059015	3.2855655	3.25173046	3.52855875	3.65088164
9.03060719	8.94052112	9.38615419	10.8650398	12.4126846	15.8092627	15.3259181	15.5177691
3888.89981	3867.40955	3900.30015	3914.65554	3922.06431	3965.66938	3958.50392	3965.11042
19164.9854	19310.2631	19942.4916	20206.5527	20565.5307	21224.6348	21984.3246	22370.5415

1990	1991	1992	1993	1994	1995	1996	1997
0.20085258	0.22624058	0.25056774	0.25137242	0.28560128	0.31418487	0.20655787	0.34274167
2.92223704	2.84700621	1.81994784	1.78479252	1.68515192	1.462996	1.41718594	1.38464824
11.2307067	11.7804621	12.1189815	12.1416294	11.4903521	12.9532957	15.6787588	16.4021113
0.00612652	0.00759202	0.00791597	0.00996565	0.01314511	0.01640989	0.01622795	0.01357871
260.688596	253.692711	262.158558	267.306589	281.060408	291.771166	303.696887	318.336255
6.6449693	4.37947308	2.36303722	2.22270122	2.34408761	2.06996352	2.05493291	1.58047575
2.66639009	2.76585696	2.88342441	2.36696113	2.66504882	2.67156342	2.7002035	5.2994852
56.8875672	64.7222157	62.5224087	65.9141208	72.568529	77.402543	80.8908296	84.3016098
100.187637	105.592824	107.511037	111.274348	114.683291	116.268352	126.570561	130.92638
20.7801266	21.5981376	10.9765669	5.11527147	2.8083222	3.54120632	2.59406498	3.33839486
0.16366236	0.16437444	0.16552303	0.16133977	0.17573536	0.18388554	0.18241929	0.19298249
277.712282	279.733626	283.112924	287.023928	292.375559	302.692272	312.671252	322.370946
61.5592858	65.500431	60.5095078	60.5647619	61.0913229	64.0531393	67.9723587	67.5302923
56.1243214	54.8340585	44.9013028	39.3848571	34.5119809	33.8798631	28.4017986	27.4202498
0.200389	0.28288105	0.22278046	0.24793755	0.25678019	0.2527614	0.27165037	0.27166354
115.808578	119.731225	117.627294	115.696676	122.111177	122.416507	127.409089	124.418477
0.39705711	0.34894522	0.37929354	0.3841138	0.39033868	0.39667842	1.07425454	1.36380457
0.3262796	0.45917968	0.39295604	0.41218914	0.44911138	0.46129801	0.51127694	0.81708385
14.7656123	14.0677942	15.7315098	16.9512823	17.9993333	21.777033	22.0842407	23.9556791
80.0521788	64.9188024	62.0219756	62.8343182	60.0224915	61.3665126	61.6602716	59.3284497
11.9969372	11.5692434	13.6152801	14.7277467	14.9995981	15.2431893	15.7942455	16.2596367
1.0861844	0.98140431	0.84639262	0.86996775	0.96437395	1.11522327	1.2447163	1.25514916
24.5731294	21.9911214	16.2276841	13.6193988	3.29920596	3.51384467	4.39845757	8.72232063
105.531602	101.640464	91.8395391	79.2903537	67.5917496	60.4250407	61.3563467	61.8047496
0.12560234	0.14403782	0.12012443	0.11713843	0.1136594	0.12847975	0.10665393	0.18441611
0.25250419	0.22791554	0.18010379	0.20102727	0.19912866	0.20022053	0.20414973	0.20959497
6.58162457	6.89752784	7.42950253	8.88748846	9.59224919	8.67184882	8.38300855	10.1646637
226.894508	235.269739	238.701479	249.34084	258.758442	279.961113	300.603744	319.246082
0.61561717	0.58714416	0.57061036	0.54302925	0.52870311	0.54126601	0.52927267	0.628666
4.2999849	4.90951267	5.36132421	5.41081151	5.49379383	5.81361854	6.10737771	6.50102394
0.1812304	0.18844385	0.1866288	0.19973002	0.258719	0.32211537	0.35947757	0.37997337
2.82263974	2.79184537	3.397227	3.35061723	3.21244869	3.34154807	3.01200425	3.21556207
0.1589327	0.20934969	0.16912354	0.18405068	0.19302347	0.19829844	0.21581142	0.2159436
440.475277	434.521595	447.281985	446.627302	463.853073	475.914706	489.835045	505.607146
44.8094531	47.1246213	47.0831204	44.769631	43.836665	44.6227964	45.1725533	43.8849433
33.2175346	31.7889314	32.8713324	34.9029273	38.1352489	41.7852911	47.8879347	54.3525617
2414.2798	2550.19929	2669.78094	2890.20114	3046.95173	3365.81469	3340.30224	3437.36242
2.97207159	3.06480162	3.05203591	3.2382642	3.38445445	3.70282196	4.63198782	5.63892065
4.75407287	4.53061519	4.35450619	4.75843732	5.14662946	5.15562455	5.2858549	5.32109491
3.3692365	1.89445159	1.62810459	1.56983832	2.48280205	2.31509184	2.55953678	2.56662208
2.38446881	2.43293876	2.3727358	2.34179146	2.14392829	2.72998911	3.28618185	3.38411784
0.04110689	0.02957206	0.04687418	0.04749118	0.04880636	0.04428311	0.0447885	0.04613257
53.3217214	55.1099377	57.1729658	60.4344013	59.9534927	62.7418977	61.7931782	67.0483375
0.03926424	0.04735158	0.04030781	0.03936675	0.03925222	0.04029825	0.04180909	0.04186869
0.05371613	0.06728075	0.06685665	0.06522277	0.07638727	0.07640735	0.09141409	0.09146701
2.91484734	3.15225772	4.24172113	4.26352872	5.00284102	4.96595601	4.74207564	4.67628351
38.6603717	30.1225448	23.912455	21.8696189	22.4984752	23.9401129	25.929354	28.3785657
0.11504026	0.11374353	0.11634888	0.10784591	0.12691364	0.13301203	0.13196162	0.13551941
4.63850038	5.16049183	5.48834946	5.74487457	5.98886417	5.85877708	6.22152836	6.31158813
165.491983	150.151934	144.373651	139.845051	134.36081	133.589829	137.395929	134.009866

1013.03162	992.035304	938.101273	929.64704	915.604056	910.820524	939.695749	907.821043
0.97322571	1.22201708	1.04625575	1.02916188	1.05348787	1.07261507	1.11307605	1.12314934
0.02133168	0.02142296	0.02156296	0.03878562	0.05119524	0.05890137	0.06458729	0.06287269
52.4259752	63.0839449	57.3890322	59.7111551	63.6914308	60.5879593	74.01472	64.2483335
8.04690133	8.42609123	9.77747291	9.65589613	11.2836352	11.9964165	12.9050639	14.6827528
72.1593418	75.1918019	84.7812211	82.9726718	81.1524422	83.8166807	81.5060211	79.6208233
17.5540972	17.5913795	18.5312761	18.0792113	18.9513108	20.8017565	23.9672243	24.9775654
91.5009427	93.6737981	97.4450226	97.7830631	93.2228215	99.7265029	106.918924	113.774418
0.32920929	0.37817465	0.49104442	0.68359498	0.77083576	0.83404208	0.91714808	0.8588147
0.14970292	0.18106451	0.16034872	0.1497844	0.15099916	0.17565406	0.17904292	0.18771823
231.818541	239.520726	247.751674	233.105143	243.967884	256.446395	247.453714	267.106557
39.4840689	36.0415663	26.1340887	21.3563622	21.9624048	20.004183	20.9776511	20.5436968
2.1861235	2.16535394	1.69572801	2.15878071	2.49610879	2.8261583	3.18680321	3.33285931
56.2215285	56.9068798	54.0902387	55.3645769	62.0906132	58.7490048	64.934416	62.7406443
1.01503325	0.89140748	1.00047864	1.08358754	1.13341209	1.12374585	1.17802073	1.2166755
0.0056813	0.00570666	0.00574765	0.005603	0.00570936	0.01119103	0.00673843	0.01260311
385.272025	410.336098	396.929014	377.282975	373.004206	382.053702	396.741912	388.473927
0.00158828	0.00159984	0.00160576	0.00160618	0.0016095	0.00162409	0.0016394	0.00165888
6.17113006	4.93392808	4.97190668	5.08268466	5.04582753	5.67062254	6.33255196	6.04875077
582.348984	591.481301	578.1824	562.131731	554.624533	548.082296	567.364198	546.492048
34.4883547	26.6099786	20.9209706	16.7463491	10.9196719	8.51954553	6.89693946	6.048158
3.13102904	2.90288322	3.42722925	3.53575408	3.76361796	4.04424143	4.38887309	4.61687903
0.14383389	0.20302277	0.24097503	0.24407881	0.28821763	0.28191201	0.2881743	0.29754991
0.94559278	0.91783875	0.82282947	0.84810073	0.86164577	0.87761115	0.9092775	0.91956301
0.6873649	0.73195477	0.68550149	0.7355075	0.77134039	0.75346407	0.74156103	0.77461469
0.12228254	0.15245294	0.12966954	0.1359338	0.15599649	0.14884944	0.1544424	0.15452313
0.16869613	0.21135003	0.18931631	0.20350881	0.20281445	0.20835516	0.20615222	0.21623877
0.07108633	0.07409725	0.07412499	0.07715735	1.2117093	1.2872835	1.40786427	1.93622984
77.9022466	77.9285932	80.056576	79.5835011	81.2056565	84.2534147	84.2418588	85.191241
0.05077311	0.05099267	0.05271183	0.05937139	0.06935128	0.06230426	0.06651578	0.09074786
0.00114259	0.00116383	0.00118266	0.00119937	0.00121687	0.00123558	0.00125507	0.00127011
3.91430263	4.13744417	4.85026597	5.38531808	5.82080135	6.79284502	6.67141573	6.97684663
0.25745826	0.28313251	0.23338708	0.29928699	0.30493749	0.34990229	0.36128288	0.37556739
1.17365676	1.14593115	1.08245634	1.08875598	1.41486396	1.53238242	1.58182989	1.72396638
35.0447592	38.496798	43.4925877	44.4636955	38.1387185	38.6274476	36.0961573	34.4099714
2.35534288	2.37373407	2.66782345	2.79641412	3.19561193	3.77340714	4.00136486	4.11010408
24.9439307	18.1732237	16.3889877	16.7024833	15.9993516	16.5559315	17.2598801	18.3178063
1.1414013	1.11396417	1.0365023	0.87742824	0.41403629	1.1264497	1.28029163	1.49544449
72.3211112	68.4274252	61.7130708	62.7052324	62.4505803	62.3587652	63.5872733	62.3169326
161.778245	174.664189	182.556416	199.853331	212.745129	239.103024	252.019319	275.537289
600.687299	646.388843	669.664222	699.756236	743.858346	796.463874	833.511989	877.706547
32.3364492	32.8715562	32.7640224	32.9984009	34.2164541	34.7852062	36.1045014	37.3649678
208.463178	230.208713	244.512774	243.299758	277.540183	283.359732	294.159022	307.284276
69.4437682	54.4501616	75.7733985	100.170367	109.953837	109.099085	100.664045	121.120196
2.34167184	2.29353639	2.3080034	2.40892714	2.52261137	2.44229876	2.71042519	2.62634887
35.2234059	35.8734335	38.4096507	42.1181306	45.0848288	48.2046898	51.2748896	52.946882
426.416856	425.342132	423.456578	416.6943	411.155981	435.301597	430.262081	433.694351
7.66670554	7.57763261	8.26787269	8.41676796	8.49985136	8.7896238	9.16867249	9.38336448
10.0711844	10.0882778	11.968272	12.4341806	12.9944154	13.8056511	14.1278241	14.620298
1166.82371	1176.86043	1181.88123	1174.74554	1227.96095	1238.63985	1251.46237	1236.95385
248.626708	259.927303	265.308152	226.122538	203.820555	180.32081	158.019136	137.305186

6.46572671	6.216113	6.29519835	6.18983855	6.28371803	6.71742846	7.3965777	7.11282689
23.656872	21.2615597	13.9988692	10.2871467	6.73028468	4.75797905	5.91562151	5.83676214
0.43230254	0.47686345	0.52289293	0.53029752	0.54518891	1.50087348	1.66620682	1.77904058
0.01682869	0.01763527	0.01916507	0.01942733	0.01996637	0.0181311	0.01833034	0.01888802
0.02069599	0.02766416	0.02784466	0.03357382	0.03988067	0.03361787	0.03888376	0.03991891
272.123669	299.114152	318.93155	346.425887	373.335231	404.741829	431.61523	455.512476
32.4076471	38.4974412	26.9628179	34.2768468	40.7331122	40.3118936	39.6459494	41.7481816
0.25758774	0.314977	0.3473817	0.36613854	0.4037973	0.3965093	0.46523635	0.51423037
5.97317788	7.40930979	7.95908595	11.4023303	12.5262039	14.5220056	15.079995	16.5597937
0.37466142	0.25658909	0.23062203	0.24708839	0.24642672	0.25327062	0.27530125	0.27235577
32.6391944	32.8595201	34.2630508	36.4898089	42.4761161	48.1408065	50.6191648	46.8732579
0.07075851	0.07107019	0.07155108	0.06977143	0.08423685	0.08280066	0.08212246	0.08433368
4.23730464	4.4237688	5.51008309	5.3942851	6.22121021	6.24147869	8.80879682	8.7860475
0.10865863	0.13537431	0.11522645	0.11137528	0.12136501	0.12463363	0.12923907	0.12929656
35.1218374	36.97595	20.8875075	16.2172846	15.7336595	15.1161544	15.5963985	15.0657291
11.9784234	12.4589214	12.1726748	12.3951743	11.4720581	9.07833332	9.14778337	8.54837065
19.6183285	17.9904094	14.3043145	12.0501152	10.4864286	9.23457795	9.24978809	8.81384843
0.95062894	0.96933564	1.09848063	1.22324955	1.3380505	1.21443122	1.4097171	1.49748537
22.4526283	23.5367428	25.215399	25.9713288	28.1184594	29.2620708	28.9112868	30.4525989
31.8174018	25.6522827	20.4073536	17.3626801	14.0826747	12.2593829	10.5602313	9.63055506
0.90776385	0.97046936	0.98298205	1.01903826	1.25525434	1.41463194	1.35886112	1.49093976
0.09521757	0.09875605	0.10842555	0.12814896	0.27541716	0.3386808	0.34486585	0.30711129
289.656516	307.466347	311.172072	320.336921	346.149188	326.239354	341.884896	360.69829
11.1898946	9.89826153	8.80410864	9.04092866	8.77080819	8.71635916	10.2734005	9.25125152
0.3185535	0.3967092	0.36233809	0.35335934	0.35294294	0.36243174	0.39545258	0.39557991
2.32180039	2.21786987	2.1757108	2.81293261	2.51507358	2.38570045	2.33106163	2.47679348
4.43241745	4.29120928	4.5494547	5.08723754	6.09989347	7.39981142	7.78135487	7.74649049
13.1477966	14.8581749	12.9572535	11.9371676	10.406202	10.3437695	8.74270947	8.56925797
1.16174808	0.97421239	1.1613071	1.35103042	1.14507275	1.25737215	1.21328651	1.34137846
0.70613528	0.89185468	2.28121041	2.26009656	2.34926896	2.44354442	2.42398698	2.39869686
0.72069212	0.62580878	0.66107057	0.82337544	0.82882098	0.82380073	0.81482092	0.84430487
1.18607472	1.27053239	1.3422895	1.47995308	1.52435191	1.56137089	1.63570697	1.64257852
1.53607789	1.76445914	1.92934477	1.95667374	2.03854323	2.08570267	2.22923002	2.51508945
64.4222818	75.3034133	79.2843538	79.4983339	87.5644841	90.9385439	103.43022	113.257827
1.24609871	1.12855004	1.22788699	1.42410754	1.64456879	1.78237319	1.95377178	2.02120548
1.58078338	1.72107625	1.74193442	1.79408792	1.87679875	1.71708177	1.92605084	1.78404425
0.62226159	0.59368382	0.56305814	0.68377675	0.57311284	0.55206722	0.64017631	0.64598174
75.1073371	81.3435657	89.1041396	86.6506244	80.8964114	88.8507077	103.62825	100.811091
1.96402269	1.97479938	2.292729	2.24939602	2.55870196	2.71826973	2.88235398	3.08495639
164.871086	170.990238	169.089996	172.358217	173.454903	177.683455	187.913592	180.158457
36.3115341	33.818627	36.3602715	38.5022355	40.4815509	40.6475573	40.9426508	43.3032809
1.08830169	1.34061482	1.41095989	1.55807255	1.89666629	2.06152001	2.18833038	2.41742096
24.8799983	25.5535104	27.1902725	27.2088795	27.8010297	28.7212227	29.7117571	31.2423783
16.409993	19.9144737	20.5441031	20.7008811	19.519705	20.1512853	20.9583866	21.9892675
65.622335	68.1078773	74.8929068	83.2755967	85.5673141	91.8564417	96.1506505	99.0876825
2.71822058	3.13632	3.74269702	3.82507015	4.0697226	4.3796838	4.41000678	4.63646759
20.8425928	20.2368127	21.110818	22.2113884	22.78568	25.8867828	28.4468096	28.3689855
42.5768103	42.8322802	46.6231582	50.2779429	54.2257223	65.3955286	68.5780647	76.8446017
2.15594722	2.1398783	1.95583703	2.00167478	2.99582844	2.34972695	2.21157449	2.51815805
2.16497527	2.21867724	2.50940423	2.56291312	2.55386381	2.47700361	2.54075615	2.66530865
371.525229	369.225391	360.315233	360.756629	354.652707	356.434471	372.439538	362.65783

19.0187524	19.5302119	20.2553845	20.7687932	21.408956	21.866191	22.1796032	22.7978557
131.964514	126.915606	112.244285	104.00702	95.1901241	89.1009336	79.0579794	76.6719663
44.0397141	45.4828781	49.1798778	48.1414779	49.5756384	52.97552	51.273091	53.7603584
2.18100273	2.13105918	2.55437097	2.91176336	3.39255258	3.85066984	3.79896258	4.2074902
0.85268328	0.88445198	0.91420192	0.92626908	0.75336581	0.71323087	0.70649014	0.74306664
16.9816453	18.0266644	18.9735574	19.4705599	20.5059798	20.980109	22.7833988	27.8971915
0.92237185	1.28633944	1.15470868	1.36598995	1.40639572	1.4177926	1.46007188	1.45062684
187.746829	152.005884	138.357753	131.098593	128.148358	133.397622	136.548845	124.364637
2436.25919	2393.52729	2200.83027	2008.74941	1811.12056	1765.18975	1724.23311	1604.84457
0.55284943	0.49755018	0.4990415	0.500591	0.47925416	0.47021846	0.47162794	0.48182952
173.901258	177.624434	190.972021	201.089124	218.762135	217.158414	230.51926	233.214036
66.1467995	55.3525904	51.1112223	44.8677192	41.3422702	46.692723	54.640094	59.5691032
5.54479453	4.94166506	4.67969438	3.34364809	4.91388555	4.59649136	4.53031122	5.47827543
371.259561	386.019304	414.910805	402.124812	414.447092	429.875688	438.419395	449.318501
2.36476611	2.37797204	2.61338182	2.55222245	2.60635417	2.75442188	2.97109824	3.26850283
31.6482046	33.4791206	34.1976169	39.4727055	41.6481989	41.343744	42.5209364	42.1941522
0.00953947	0.00544246	0.00517038	0.00646004	0.00556409	0.00584505	0.00350073	0.00383532
0.15971796	0.16566809	0.18201077	0.18448871	0.18960076	0.17211674	0.17403172	0.17932539
0.63174208	0.83581047	0.5172601	0.50465481	0.52131067	0.56488863	0.63811583	0.62199883
2.59303625	3.30767157	3.72303069	4.04449701	4.69115111	5.12948164	4.56720269	5.59874898
0.6277409	0.47614978	0.37623123	0.38605478	0.38474668	0.39501092	0.40960057	0.41009048
0.09096724	0.08578141	0.08007763	0.04460884	0.04639148	0.02885788	0.0286266	0.01708571
0.03851891	0.05109681	0.0433684	0.04229083	0.05153271	0.05293898	0.05491952	0.05493774
1.09736028	1.25168325	1.22458153	1.23010129	1.23687585	1.26105797	1.24497789	1.2816277
60.6251459	52.6591732	49.1935604	48.1643154	45.393291	45.7538439	45.9801467	45.5563068
14.9880217	13.9101045	13.2798387	13.9803091	14.0777321	14.9776488	15.7311788	16.2301987
57.1398691	57.634369	60.1864312	60.2645152	62.941003	62.6410407	67.7538069	61.7945838
1.1049813	1.089713	0.91233595	0.81956285	1.45899152	1.41700786	1.13465562	1.15582978
0.26544505	0.37720343	0.31787257	0.31926266	0.31806489	0.33845108	0.35118841	0.37280741
33.0034273	36.1114808	35.8788685	36.8699049	38.8821896	40.511395	43.526668	43.3332637
0.00504476	0.00506749	0.00510413	0.00497557	0.00507018	0.00498419	0.0049454	0.00507768
0.23496023	0.2854223	0.24583758	0.12738591	0.14276501	0.14711398	0.15339932	0.15931265
0.75471806	0.69841229	0.53288604	0.41077476	0.74743491	0.73713554	1.12944072	0.84923459
95.3646996	103.984665	114.004418	129.422637	144.39224	163.521512	183.866596	187.388208
12.3223513	11.6312728	8.55663022	5.79857376	3.58859537	3.04556815	2.70046553	2.97647729
45.6937993	38.7322564	28.2832568	26.8448338	33.962412	34.4056952	31.2879616	31.5036295
0.00172943	0.00178497	0.0018551	0.0019202	0.00196501	0.00199152	0.00198962	0.00195713
0.08972183	0.09510118	0.09999178	0.10136448	0.14116927	0.11647291	0.13265016	0.14321237
12.6684976	12.9320646	13.2793087	12.9491424	14.3147685	13.8168818	14.872008	14.8495914
14.7725495	15.2482409	16.209958	16.8121877	16.9219484	17.2852179	17.8294603	18.372097
155.157642	152.517771	158.963923	164.523258	163.614718	178.369018	194.518676	204.440181
130.654459	140.640789	148.229424	158.341106	167.673066	176.695041	185.502143	199.741429
2.08370915	2.2094823	2.04670058	2.14853851	2.12849759	2.94001306	3.50819998	3.27730932
0.83018767	0.84430626	0.85938061	0.86600029	0.78110986	1.01169992	1.10456003	1.16071697
785.544685	741.061362	648.374782	565.999729	468.440064	462.636297	396.237406	380.99659
3.93829766	4.45847724	4.89956479	4.63247863	4.35179769	4.76432529	5.58480602	5.66775715
4983.81055	4939.20729	5017.20625	5135.75289	5218.07149	5271.66545	5426.70166	5699.75063
127.853419	128.120143	117.399055	117.418849	112.01746	103.461381	106.884154	106.975062
0.02916853	0.02791097	0.03381014	0.02740056	0.05045278	0.0551687	0.04917109	0.05935916
102.57869	105.38399	106.221118	110.19301	122.553751	119.921498	133.448525	133.828929
0.01827381	0.01835577	0.01848401	0.01802076	0.01836051	0.01804872	0.02343879	0.02406712



20.5734885	20.7163339	21.6932703	25.4008078	29.8622872	34.3480509	38.6775652	44.6100471
0.10245674	0.09554629	0.05352214	0.05425158	0.0557571	0.05063383	0.05119957	0.05274884
0.12362694	0.12822586	0.12531806	0.14278727	0.14673634	0.13317035	0.13469013	0.13872674
7.10725133	8.90219089	9.59494788	8.67830679	10.0252959	11.1557376	11.4232332	12.2878428
314.22995	306.130121	299.645274	301.797561	308.572838	325.199265	336.368244	351.22539
3.02795157	3.13544561	3.13704223	2.84456537	2.38636738	2.3564597	1.98267146	2.49846126
17.4087053	19.1509777	19.2013267	17.6721815	16.548453	16.2660207	15.7173132	14.7564512
3809.70116	3757.68152	3613.93823	3548.07641	3537.37414	3588.87982	3689.89816	3618.84529
22680.4003	22809.5232	22709.7306	22802.8767	23033.2751	23679.3372	24145.4432	24598.1467

1998	1999	2000	2001	2002	2003	2004	2005
0.35091413	0.35551225	0.26857504	0.27146397	0.2965629	0.3419259	0.34888891	0.38483943
1.42041676	1.37552028	1.01605943	0.94468302	0.94226559	1.00796417	0.89288779	1.26634032
17.0364463	18.0314495	16.5119082	16.1923031	15.9154405	17.3296323	17.6902609	15.6388511
0.01246408	0.0117665	0.01554756	0.01592658	0.01087533	0.0141239	0.01348946	0.01367975
328.978141	342.962909	355.323482	349.189291	369.503256	367.412902	403.086621	429.024642
1.91467436	3.08658747	3.23253128	3.43928777	4.00635858	4.21121716	4.41404314	4.14847644
5.47972094	5.44556146	5.66747799	5.65630471	5.41699703	5.43322078	5.63624181	5.91286189
86.4781345	89.1524488	88.4569297	101.25931	103.518397	108.819556	115.019664	122.461874
138.007906	139.938678	136.761607	131.347051	124.055033	135.244335	149.732823	153.679754
3.47260499	3.104203	3.56961236	3.63331827	3.10133619	3.47067886	3.75901934	4.46247961
0.19758558	0.20017903	0.13538522	0.13234352	0.1497142	0.16328206	0.16591191	0.17203642
342.108737	348.112658	353.869687	360.40815	368.620906	368.114966	381.942012	384.085684
68.0915461	66.2253926	66.690721	71.3759969	73.215973	78.1655663	79.6051103	80.4099983
27.3768551	27.3926038	28.7944012	27.7169766	27.4862755	29.7752966	29.5008978	31.2191708
0.28678232	0.29533199	0.29473752	0.23436225	0.22143023	0.18344159	0.21847657	0.18390728
127.40424	123.036683	124.969641	125.934014	118.493431	123.371641	121.981069	119.144745
1.31438606	1.4403167	1.54493758	1.85644769	2.1420095	2.39916535	2.55770584	2.800856
0.77116033	0.79747323	0.87876375	1.01359187	1.07599394	1.19557692	1.06715741	1.13787646
24.4778947	26.1285955	26.9738445	32.6293064	34.3401704	35.9828481	37.9026734	40.3747436
56.8547883	50.1185737	48.1747552	50.4222091	47.5945249	53.4601883	51.4608682	52.488064
17.2344731	17.3258791	17.7714518	18.4025395	19.2269224	19.8960579	19.9206365	23.3701627
1.44207202	1.29593726	0.99678394	0.99203091	1.0862783	0.80908336	0.87356533	0.86012711
11.049953	10.8912608	14.2801995	14.0958079	14.8272335	15.187701	16.0317585	16.8439249
60.3054991	58.1594119	56.2578961	54.9858272	55.1888403	55.8297216	59.185813	60.0171266
0.18743657	0.19579153	0.13831014	0.14063465	0.1404916	0.14820488	0.13598133	0.14980926
0.21458013	0.2173842	0.15034541	0.14859247	0.16547991	0.17095111	0.17290262	0.18593802
10.1715025	8.87348778	8.20068946	7.93174743	8.4629671	9.01375796	9.44512523	9.92932242
328.546057	335.897032	349.397152	351.312785	351.409968	346.459483	365.238229	369.18303
0.69165754	0.72430719	0.58854706	0.56559388	0.60671698	0.63821041	0.63184355	0.64653373
5.74297542	6.00818509	6.0746321	5.86155727	5.55786126	6.45263596	6.26880866	6.00886436
0.39784687	0.40266734	0.40724181	0.43471633	0.47103374	0.4800517	0.48102133	0.51847541
3.82716579	4.03287352	4.09923591	3.95533919	4.17487339	4.13495862	4.05301672	4.39029838
0.22003838	0.2264669	0.25846782	0.27153955	0.27763045	0.26224197	0.25616173	0.25287084
513.801852	523.395252	543.044778	534.309708	554.030932	573.683908	559.729259	581.095741
45.3429864	45.607135	44.7998861	46.2235054	44.5979171	45.8877063	46.4293726	47.0617723
54.8565133	57.3902411	53.8516456	51.6573031	52.1922038	54.1194086	58.4937585	59.136121
3522.10292	3447.88009	3666.95105	3844.83567	4150.57795	4790.86442	5520.73689	6264.7453
5.46460577	7.29705677	6.96712359	6.98689401	7.38732332	5.81433351	5.99565588	6.39546661
5.5390518	5.33359366	5.72573231	5.69957383	5.61710905	5.733514	5.63436742	5.46885122
2.55537004	2.36125342	1.87632138	1.8239514	1.91361164	2.31817703	2.21412498	2.48212928
4.02630337	4.16871113	4.51154908	4.39851387	2.85905393	3.56614973	3.61940667	4.33015826
0.0474749	0.04745744	0.06092072	0.06141565	0.03399676	0.03074241	0.04962307	0.08107715
68.1565418	59.4618857	62.5741632	62.2024581	59.7635785	59.2602383	59.2855356	61.0510784
0.05288189	0.05445964	0.09086046	0.09644782	0.09978068	0.1293781	0.14013227	0.13582862
0.09320816	0.09598413	0.28255844	0.32278766	0.35920675	0.36024716	0.38933663	0.607965
5.17093459	5.16137345	5.11974958	5.52040143	5.63415456	6.05631846	6.16730081	6.35283137
27.8583779	28.6382352	28.9918455	27.8194732	26.5618697	25.794459	25.3133757	26.2412947
0.13875933	0.14058642	0.13146539	0.13018512	0.14258196	0.15021611	0.13925956	0.14648261
6.61524165	6.87643045	7.13210234	6.99751734	7.17479309	7.84321106	7.78830223	7.90521909
127.963733	119.712771	132.313165	132.22202	127.397566	130.662333	131.526709	129.042127

906.950819	871.023632	871.735674	885.818341	870.311638	878.276301	863.724747	842.099331
1.14452444	1.17871645	0.73984021	0.75023781	0.77842423	0.82014409	0.79116373	0.75500737
0.0360512	0.06189034	0.05542464	0.0558041	0.05070604	0.05762185	0.06147031	0.06048664
60.259063	57.2820994	53.1558393	54.7542395	54.2753416	59.7040976	54.1390402	50.6701838
16.789344	18.2016656	19.0081828	19.1404357	21.0142436	18.7918586	17.4214174	18.7861704
81.4389139	84.9525627	87.9362165	85.8202708	89.6841003	96.5024417	96.6217781	101.396979
24.5067924	21.696288	22.0426941	24.3090712	24.2961334	24.836811	26.226302	28.2369285
120.120917	129.403421	127.910315	141.198829	144.957498	147.850341	160.413527	178.383203
0.6394013	0.67924908	0.67025064	0.73530614	0.72553804	0.70040491	0.71733303	0.60418162
0.19031154	0.1978196	0.25533372	0.25885081	0.25823544	0.26414653	0.26324109	0.25956402
275.119109	297.101967	313.239903	313.915496	331.324614	339.731466	355.442356	370.427771
18.6128871	17.1390251	17.376505	17.7592368	16.9988275	19.0305346	19.402395	19.3775949
3.54145116	3.49560628	3.87597175	4.78698495	4.92084044	5.25956075	5.73011805	5.47138905
59.5390698	58.8944801	57.5251697	63.5714618	65.7216378	74.0901789	70.449442	58.2409103
1.20619843	1.2925919	1.46058742	1.58205126	1.30761445	1.52106958	1.97856613	1.73039982
0.00708771	0.00718187	0.00719839	0.00779872	0.00907224	0.0102692	0.01092025	0.01115976
410.471282	404.164231	401.211151	405.343504	399.910607	404.84257	405.917493	408.165649
0.00168163	0.00170808	0.00175666	0.00179082	0.00182146	0.00185079	0.00189047	0.00192214
6.92295215	6.58998325	6.60354774	6.74060425	6.47179745	7.34197802	6.62484122	6.39114325
547.104083	543.718579	551.679714	562.908471	546.905877	560.427003	560.93785	559.328264
5.48551664	4.8879906	5.21209134	3.87870008	3.59224249	3.95487868	4.30903939	4.97793096
6.2697929	6.84252497	6.08589955	6.57316709	7.75149385	7.27912759	6.80059946	7.1877027
0.31317958	0.3256516	0.34122135	0.34997872	0.35624169	0.36250664	0.39376496	0.40628235
0.95210702	0.98498071	1.47101508	1.56618799	1.68887687	1.7846382	1.82933146	1.75389577
0.78961259	0.79754455	0.61703816	0.64314788	0.67245921	0.6964482	0.66927549	0.68142747
0.16769302	0.17270658	0.26818875	0.29610996	0.30766554	0.3126254	0.32596648	0.33125845
0.22035563	0.22691445	0.20270644	0.21014694	0.22199901	0.26233722	0.26960809	0.27562719
2.35420321	2.57277436	2.7446259	3.60060561	3.21223662	3.59056975	6.27986064	6.39567507
88.6433915	88.8936246	96.0545804	98.109374	98.0738433	101.831723	101.575879	103.624421
0.07915161	0.08018568	0.05731072	0.05824028	0.06325503	0.06955148	0.06624208	0.07116232
0.00128906	0.00130991	0.00133941	0.00136571	0.00138835	0.00141408	0.61284925	0.61923594
8.70293968	8.66641742	9.68537083	10.1745854	10.6928661	10.646334	10.8514783	11.7718749
0.39763736	0.4020778	0.17426675	0.17590901	0.16556264	0.20731699	0.20055335	0.19990377
1.74937079	1.73760035	1.66206712	1.64558877	1.62373548	1.61965285	1.67348043	1.48339797
42.5727984	45.5398951	41.9009295	41.8568212	40.9512543	44.517325	40.7515418	43.0053735
4.76429941	4.82877101	4.99544568	5.88550757	6.21568763	6.88022628	7.8264077	7.0914284
19.0247253	19.9174084	19.3746141	20.5401737	21.3560313	22.7452517	22.7261355	22.8484147
1.53224467	1.60256603	1.69464159	1.72763865	1.95104467	1.93691646	1.79028878	1.82859647
62.2184154	62.6243553	59.4776912	61.0016235	59.973361	62.6714305	60.8085909	61.2046529
278.258537	295.273203	299.092298	319.583813	324.964814	353.638706	360.165001	362.607534
900.625479	961.631091	995.652563	1011.80467	1049.88012	1081.78523	1166.81661	1216.53394
39.7855749	41.2165042	43.822669	46.0453813	44.978807	44.4525841	44.9820409	47.0708606
307.043557	335.847005	353.929254	368.153994	384.314466	405.584807	434.963193	468.981277
94.2669014	74.3021353	88.8104405	100.651856	95.0515434	82.8875113	90.3209716	87.2353788
2.7097587	2.74240405	2.85405671	2.95896071	3.13018607	3.10126256	3.1768063	3.12844122
53.5137818	54.956755	59.3011068	59.2661369	62.5268817	64.2848234	64.1055159	61.9746291
442.922673	449.745659	454.717658	454.074205	461.367481	481.155288	492.650955	493.492982
9.88203358	10.1446581	10.2123606	10.2765868	10.2248596	10.5305211	10.5771446	10.6134927
14.8356857	14.8630864	16.4652964	16.5075786	17.2065057	17.6487452	19.0204456	20.3165071
1189.76373	1230.72746	1248.80676	1235.22214	1269.42949	1276.71126	1271.38411	1283.01765
141.581105	129.648204	132.218974	130.471428	145.52836	162.148667	174.550614	187.591012

7.78070896	7.98597849	8.90506977	8.25079128	8.00769017	7.2293439	8.05029668	9.0237528
6.15682209	4.91388117	4.79775483	4.03065495	5.03832057	5.65978287	5.61045837	5.61302912
1.99369078	1.94213091	2.00092588	2.1871565	2.24749077	2.41763333	2.4190937	2.70084071
0.01943618	0.01943367	0.03286088	0.02954601	0.04373034	0.04473165	0.04642673	0.06161634
0.04086847	0.04140295	0.04951618	0.0504568	0.05752287	0.05994189	0.06516012	0.06065887
389.426055	424.38531	474.157935	482.492516	491.270976	495.496781	515.702498	515.395419
46.3265892	49.8890769	54.4772668	57.5053481	60.0819142	63.1746806	67.229259	75.4288332
0.55132118	0.53465669	0.93448666	1.02905647	1.1544459	1.20003845	1.25797201	1.30255498
16.4435679	16.9445757	15.3064978	16.5164361	16.4638471	16.4686546	16.688316	16.573836
0.28928821	0.300124	0.40243507	0.45753605	0.46311194	0.50023974	0.5449492	0.68190002
46.4152557	47.753071	49.2838801	48.7479706	49.8954551	53.7870975	53.2267877	57.7223819
0.08633743	0.08746699	0.09647961	0.10335544	0.09722571	0.11318717	0.10960642	0.11513745
9.07303407	10.0261403	11.4648404	11.3722887	11.8968578	12.8572738	13.2768316	14.4281415
0.12661446	0.13033249	0.35371983	0.3627961	0.38317041	0.38879044	0.40680637	0.40838386
15.9238731	13.3309334	11.6558938	12.3905204	12.4697794	12.4915116	13.0647413	13.9567647
7.80618641	8.16605457	8.8006698	9.33410196	10.0321463	10.4541372	11.8801701	12.1141366
8.41675799	7.86549915	7.22976775	7.66716295	7.66443524	7.91426789	7.95676796	8.02887573
1.65046604	1.74360498	1.47806303	1.58082578	1.7338578	1.75567859	2.03416563	2.0469061
31.1950134	32.8404029	33.556549	36.9813574	38.2613651	38.0892133	42.8123859	44.6439674
8.78549912	7.44958858	6.89246247	7.17856405	7.30643432	7.86782421	7.88849454	8.32844961
1.66438386	1.70750527	1.69406452	1.71031066	1.16599629	1.54942076	1.6758668	1.78801682
0.3476875	0.34762015	0.63582629	0.56220886	0.6810399	0.57743877	0.73881317	0.68466205
383.977898	373.069078	396.713844	394.760146	400.932486	420.691953	430.437701	447.289138
10.1671075	9.36625521	9.03721486	9.22117659	8.68981036	9.44183996	9.20093413	9.66288971
0.40934363	0.42120776	0.80243245	0.82816845	0.86818966	0.88980981	0.91374637	0.94583839
2.38366414	2.41758327	2.1347855	2.49478998	2.32410523	2.61341385	2.60671527	2.63471787
8.42513074	9.24434877	10.0413673	8.77400576	8.84357752	10.9574774	10.6299886	11.2405872
8.59618701	8.6538195	9.04185528	9.01219411	9.65800771	9.36234667	9.57695053	11.1289791
1.29627283	1.28984949	1.57084207	1.89639404	1.98713997	2.52535029	2.78005485	2.66551371
2.44137647	2.48695895	1.06673012	1.16364326	1.29267732	1.35252424	1.48604299	1.53986614
0.85529464	0.86418642	0.67250285	0.67297143	0.71309056	0.72712521	0.71498047	0.71564508
1.80174964	2.20842512	2.44255037	2.58281124	2.63639654	2.76051818	2.78405262	2.97834159
2.66724947	2.73696527	3.10373349	3.16246444	3.12689467	3.15180826	3.14646348	3.56870184
110.667258	119.694561	130.779634	138.407578	146.555396	156.575978	169.624814	181.15173
2.08599411	1.98488442	1.9485194	2.46582965	2.13780356	2.29438559	2.43186594	2.59185881
1.7670472	1.68304474	2.17513347	2.18735309	2.42890395	2.62340463	2.33761603	2.60359829
0.69683849	0.68303621	0.70153853	0.7063984	0.73351616	0.79677228	0.83278446	0.79876763
91.3412693	89.9774278	100.304568	106.71714	96.8295036	107.686866	104.009889	103.052189
3.5868815	3.61844511	3.76591595	3.98959626	4.12664734	4.52075144	4.63774885	4.39994193
180.914451	176.210706	176.914619	181.521328	181.903551	184.345441	186.805941	182.200181
45.1022749	46.7186363	41.7691321	42.2828912	41.5833517	44.444971	44.8900319	43.3124597
2.56448215	3.33609071	3.41930344	3.65491734	2.98418825	3.38799143	2.92672879	3.27566172
30.3541496	31.922353	32.8913852	34.8132731	34.9109564	35.8348933	35.4329227	36.1066409
22.1480673	25.2190392	26.3171587	28.4819459	30.4522545	32.1824548	31.7773689	33.042521
100.038417	109.557863	111.866226	113.948032	113.308919	117.468242	131.41037	133.891582
5.71727256	5.00430941	5.18909991	6.20251509	5.4080561	5.47859276	5.50601717	7.09901105
27.272444	29.3126066	28.9840607	26.9362823	28.0988055	27.5499708	31.8169721	31.8357539
75.5704256	73.9773412	74.2459938	71.6726837	72.9213305	74.756132	75.6678446	78.8641364
2.27875233	2.41990972	2.1219607	2.36355672	1.44408965	1.71810934	1.52183107	1.73518256
3.32114004	2.71672532	2.94545334	3.58348028	4.10678583	4.52893579	4.81857736	5.22945828
334.057776	324.642145	313.017713	309.749756	302.503183	315.293336	317.475611	317.078166

23.1864938	25.1480241	25.1840172	24.8632179	20.1436309	26.1341876	26.1825671	26.3122652
62.8685733	68.5663556	73.806333	76.6730243	73.4430858	74.9820525	76.5245662	79.7374254
58.1849529	64.9032814	64.4116577	63.6619615	67.8982373	62.9624727	64.7210883	67.9858481
4.40831573	4.41284045	3.6387605	3.77530706	3.9522161	4.07825229	4.12536905	3.80274153
0.76468209	0.76444916	0.71850182	0.8408123	0.88907036	0.93383798	0.88291034	0.94089527
30.0406629	32.5320872	31.7518379	32.4292738	36.1998399	38.2687963	41.1687758	43.5590606
1.90662948	1.95843053	2.05019565	2.07062728	2.18927703	2.2542603	2.46821457	2.37255429
108.986941	93.1984341	97.4175668	104.402692	103.399411	107.759859	105.57269	104.482957
1611.1046	1660.90516	1681.14393	1684.26254	1675.28058	1737.23787	1738.84979	1739.27826
0.49700972	0.51349844	0.68037632	0.69553741	0.81837539	0.70832433	0.68647685	0.7416669
249.499822	254.314311	265.236869	275.78718	293.719553	308.323212	327.015154	346.379466
59.4958994	42.2400588	50.6381684	54.4137875	57.996437	61.9383397	66.5629492	61.5827296
4.9213271	5.44288124	5.99968904	6.54783901	7.9976092	8.21314181	9.17018938	10.8669656
463.020518	490.646874	503.294229	477.104776	495.353613	503.265219	553.096234	572.577646
3.66745103	4.04666397	3.98980179	4.5129819	4.68206895	4.54342533	5.17655575	5.74830259
41.0694367	41.4081692	45.5193455	45.906585	45.2171567	42.4425923	44.52302	41.7314871
0.00383962	0.00410491	0.01123397	0.0075177	0.00753468	0.00799354	0.00909912	0.00972049
0.18454709	0.1845078	0.23581883	0.25893152	0.27130963	0.27802305	0.28648154	0.29886663
0.65422029	0.67230675	0.43462053	0.54616979	0.5767537	0.61243128	0.61215849	0.56796181
5.86695621	5.82315246	5.79726733	6.03352048	6.05617168	6.57859208	6.8269867	7.03050624
0.41826163	0.43067065	0.63047328	0.65865414	0.73431115	0.74642906	0.7418079	0.75525914
0.02330961	0.02361705	0.01753235	0.01713627	0.01971095	0.02312887	0.02186093	0.02318231
0.05598212	0.05765229	0.0551333	0.05542295	0.06404401	0.07238658	0.08256241	0.08937649
1.30238982	1.27534592	1.4800131	1.52027823	1.11783072	1.23429931	1.3934928	1.68839207
44.6605914	43.8826994	41.6815611	41.9689419	41.9071425	42.3713771	41.8051	42.2200651
16.0428419	15.4372573	15.037393	16.895814	17.2058504	17.053993	17.3986591	17.6361366
63.0027971	61.6835422	57.9822453	58.0563902	59.3862718	59.6558088	58.0640469	54.5312255
1.17795151	1.26473824	1.09699423	1.11153097	1.08168283	1.00365571	0.99313198	0.98967211
0.37987491	0.39121791	0.76086842	0.83291823	0.75411754	0.75879149	1.06094523	0.96532676
46.0132324	45.2063893	45.900503	46.0121209	45.8266433	45.9803011	48.030061	58.8079509
0.00571653	0.00579221	0.01773503	0.01839298	0.02586459	0.0276568	0.02797212	0.03359051
0.16177056	0.16562356	0.24219342	0.24178372	0.26216877	0.39546705	0.45534137	0.48116045
1.04624147	1.35380795	1.25077381	1.12597601	1.19857301	1.43695923	1.37735658	1.31096648
167.007431	174.523151	174.820396	183.491846	195.026495	202.874189	221.070936	229.176601
3.2152159	2.99567234	2.78450037	2.74174926	2.75525465	2.81616055	3.35193752	3.1909473
32.6071933	38.5605442	39.3393094	40.2871079	43.2194264	48.1515523	51.3230536	52.8975157
0.06464489	0.16352203	0.22832247	0.1244114	0.10586642	0.26391707	0.51581321	0.34959704
0.14979588	0.1497459	0.10108156	0.09599495	0.10594435	0.12548318	0.11179256	0.12116435
17.9532616	18.451502	19.133293	21.7306231	23.4963354	27.1424454	28.8117669	35.0197306
19.1794914	20.1630928	21.1294116	22.0107969	21.7760101	21.5638136	22.8137955	23.4456678
205.994845	204.562994	227.046351	206.721392	217.366634	229.681823	235.866518	246.071775
209.840682	219.593415	238.016222	244.023178	251.221542	261.853936	272.331671	280.591997
2.85079746	2.66484523	3.11204497	3.28699212	3.73937943	3.95529748	5.44345468	6.17285377
1.35617877	1.39574389	1.41212093	1.43617312	1.63694029	1.72952641	1.81049601	2.21983489
363.536804	363.29232	360.022066	359.063491	359.646881	392.019971	367.805318	356.070305
5.89965456	6.8834411	5.56662439	5.01263695	4.6027502	4.58704637	5.74514727	5.55766852
5745.12955	5762.09889	5928.97099	5877.85915	5726.95495	5793.09354	5880.17368	5888.30835
122.601123	123.420835	130.666703	131.93732	136.118619	128.147853	131.292076	124.6328
0.06634493	0.0672106	0.04160204	0.04826731	0.05540716	0.0598128	0.06409916	0.06593629
135.565624	131.933886	137.74567	143.279492	148.094266	142.999534	149.70091	155.935234
0.02470318	0.0249658	0.02769567	0.0276447	0.03092395	0.03439579	0.03548969	0.03727665

49.8693535	51.0854217	56.5174632	62.0706145	73.0559142	77.6156746	91.8919088	100.509245
0.05427747	0.05427123	0.08497146	0.09893347	0.09734834	0.11214094	0.08734966	0.08914556
0.14275742	0.14270896	0.18838829	0.20358367	0.21030556	0.21424022	0.21057476	0.21779628
13.0831264	14.7395194	15.7442145	16.76954	16.8156052	19.5348904	20.4395543	22.021811
357.264036	340.772576	347.2973	357.403123	370.78634	393.590784	425.761248	436.279227
2.34229643	1.9270304	1.95012145	1.96526304	2.06588017	2.23780816	2.30043953	2.47040918
14.9696717	16.8515437	14.5954371	14.5241351	13.2560008	10.8569146	10.2920782	11.436372
3610.85739	3545.71097	3563.25571	3616.02825	3604.86259	3704.94998	3711.53266	3689.082
24756.3013	24939.5972	25725.4404	26031.1667	26433.2898	27656.8206	28948.7465	30044.5432

2006	2007	2008	2009	2010	2011	2012	2013
0.42368653	0.45753275	0.45399354	0.49274181	0.4822069	0.29018068	0.37485742	0.41230731
1.40828811	2.00956422	3.83338277	6.08278722	7.78889312	11.4087114	9.76775564	8.3000217
16.3202467	17.0558181	19.1194305	21.0888561	22.7398909	23.650038	24.7161774	28.5342197
0.0128311	0.01237373	0.01528787	0.02018065	0.02402448	0.02602831	0.02604374	0.02796127
444.324424	459.27623	466.389435	443.785359	466.657076	480.117814	483.676624	492.257229
4.13468072	4.24437582	4.19461016	4.27459746	4.55685049	4.98821053	4.53285294	4.76933023
5.78128268	6.26005469	6.19909859	5.87853952	4.28805128	5.52374377	5.60705693	5.14106664
127.197643	137.144091	164.251886	165.336872	171.953731	177.264476	185.020878	194.92309
162.617669	173.156063	179.312943	164.914574	177.404229	184.874481	188.865788	193.23972
4.44546886	5.15402688	5.6482476	4.50181369	4.29882771	4.90374403	5.66920258	5.49240911
0.19583339	0.21432068	0.23072882	0.26624083	0.27849133	0.21217912	0.22607759	0.2593296
390.151258	400.66529	404.285121	410.259419	415.273117	412.809596	413.319276	405.652313
78.2679662	75.4381809	75.236854	68.056325	73.7957805	72.1946865	69.0271326	69.6126798
31.9393055	28.9207852	32.230574	27.9822228	26.6358158	29.4686972	32.2805637	33.2112843
0.23233065	0.37187906	0.22140799	0.22278231	0.32118634	0.41889418	0.40408651	0.45694006
116.191262	113.023423	114.381694	107.403828	114.977049	104.572538	103.086332	104.422497
3.85810807	4.39684862	4.36406963	4.68200878	5.07921503	4.95879805	4.72305604	4.96913045
1.15872269	1.62936002	1.90640452	1.84536601	1.96945311	2.23441504	2.61292716	3.07622519
43.4822343	46.2070229	51.3168858	55.1151485	60.7551583	65.2914541	69.8574882	72.0628734
54.0332744	57.636896	54.5607712	46.5342485	49.5076564	54.7825644	49.9150507	44.4509482
25.4489523	25.8519137	27.668946	27.6555735	28.835263	29.0035274	30.2163444	32.1308364
1.09497185	1.3133269	1.36128759	1.13232832	1.28292974	0.85405851	1.01691645	1.09100159
18.6882359	19.7227999	21.6498512	21.65772	22.2152206	25.2655662	23.30839	23.2107558
62.460329	61.0549405	64.76122	61.6232975	66.1177025	62.963619	64.2663085	64.4273517
0.17361822	0.1676205	0.16176497	0.19586879	0.23251491	0.14908858	0.16220367	0.20451603
0.23158122	0.27706584	0.27878305	0.24464498	0.30893786	0.15329447	0.17762049	0.19779772
10.7730114	11.9867462	12.8336913	13.6481219	14.7784604	16.0795955	17.0255367	18.0829441
373.639213	393.047573	412.700279	385.461276	439.769398	463.501303	497.723058	523.208006
0.69886233	0.6716811	0.79197063	0.7985874	0.8203449	0.67925705	0.64346429	0.7308295
8.61529408	8.18423297	8.90764318	8.02078766	7.37934722	7.86105046	7.62225783	7.78896145
0.54450004	0.55872436	0.56313578	0.78805464	0.89583758	1.10007184	1.04817947	1.09960828
4.14814404	4.42240863	4.50888691	4.12265711	3.3739787	4.00451453	3.51234155	5.51219822
0.27035134	0.26768085	0.20135361	0.19605546	0.20080789	0.21938654	0.22401077	0.15065034
573.541063	594.020219	574.56251	541.804178	561.603264	575.891462	567.270455	575.245308
46.6288321	44.6475597	46.0178769	44.6539235	46.335021	42.2986242	43.6090197	44.6168357
60.3531243	67.7448849	71.3168743	68.2180933	72.315426	79.06761	81.3403775	85.4020304
6951.94676	7555.48799	7783.4264	8349.80512	9134.07239	9984.47246	10297.905	10792.1384
6.27860875	6.23484582	6.91844973	6.41124008	7.31483031	7.07836013	9.02013127	9.80098661
5.57368094	6.73376717	7.06608788	7.71126932	7.82416745	7.42512198	7.50666646	8.17413008
2.55092216	2.81797312	2.8914455	2.80926729	2.94438135	3.36780367	3.01520239	4.1936139
4.81717592	4.26425229	4.43173758	4.91582172	5.29094772	4.85064337	4.47855146	5.43821468
0.08393751	0.07188096	0.07366106	0.06569631	0.08263054	0.09325291	0.09809282	0.10358742
58.1661809	60.3554264	60.2970479	63.7612731	65.7737585	70.7940226	71.0704025	80.9286645
0.16326823	0.10685592	0.10706241	0.13302789	0.15663322	0.14209689	0.14743698	0.17684485
0.66721836	0.74752826	0.72874187	0.71011213	0.75347886	0.87986695	0.75860065	0.74129945
6.90200193	7.69969925	7.63504169	7.32664114	7.24543821	7.70587205	7.64477185	7.94520181
26.8093431	27.6931102	26.7469553	26.9615305	28.2070445	27.7668283	28.9338799	29.0939152
0.16386057	0.20479963	0.22226418	0.22694309	0.2465932	0.1990079	0.19040572	0.21605358
8.01056468	8.30827043	8.4936282	8.28655651	7.91344905	7.65568265	7.12079666	6.43948675
130.785017	132.329719	126.114792	119.70741	120.989103	118.112919	114.02316	109.525948

855.855453	826.992619	830.355078	768.553064	815.378388	788.547704	800.464752	818.278373
0.73065688	0.74872485	0.81055257	0.73033456	0.81555477	0.63292985	0.80725117	0.88638579
0.06421705	0.07678661	0.07355567	0.07503199	0.07732612	0.05954706	0.05432483	0.05993489
58.6218814	53.8836015	50.6339783	48.4430535	48.5566169	43.4875467	38.5920864	40.3391279
20.5748744	20.7482018	20.7144898	19.8345743	20.9207244	21.1203529	21.8778085	21.4766892
105.501043	108.912072	113.702379	116.08547	118.614658	124.794977	140.259907	145.703241
30.2321183	30.839625	31.8722617	34.6745239	37.3741492	37.7472979	37.922819	40.3490729
188.871555	201.951741	202.015219	210.334923	211.745869	219.332184	232.941339	228.738845
0.54335992	0.53003972	0.46303988	0.48087731	0.51672411	0.6166098	0.63425092	0.5935391
0.26002167	0.256064	0.25750943	0.25559307	0.25295445	0.23890153	0.23948378	0.23809304
361.521521	374.686924	343.093067	303.775847	291.243111	293.161781	287.397089	260.597829
18.7159951	22.2613886	20.1355439	16.8113927	21.5579552	21.673616	20.5235972	22.9144069
5.79287304	6.34847779	6.86205955	6.9057797	6.87651555	7.95915793	8.98676281	10.4422213
69.8498421	68.0644646	59.8237025	57.0754815	65.8424532	58.2170762	52.3201024	53.3272365
1.86029413	1.72356795	1.29123569	1.06292712	1.69586287	1.24480425	1.20444931	1.37247757
0.01418779	0.01485887	0.01563725	0.01723933	0.01708002	0.01266258	0.0134427	0.01540475
397.425903	390.273374	383.004067	370.375893	377.75983	364.313865	366.138777	360.992429
0.00193554	0.00194308	0.00195381	0.00196502	0.00197609	0.00198746	0.00199868	0.00199906
5.7065025	5.17494796	5.51854175	5.44827976	5.95731055	5.8190221	5.88912488	6.07664292
559.756825	550.228661	533.747853	483.361403	500.628497	459.017411	481.189956	470.171827
5.68039206	6.59470236	5.6796832	6.46954173	6.29236411	7.58258821	8.27127376	9.1459316
8.72136973	9.21131362	8.74640775	10.0471572	11.2481355	12.1316516	14.640207	15.563122
0.42510337	0.42203528	0.43131932	0.47190689	0.47505448	0.45944516	0.46884891	0.49995722
1.87455405	1.93564294	2.07027473	2.19322819	2.52144663	2.67627381	2.54394672	2.29715498
0.76186068	0.81918208	0.82989111	0.89318763	1.01581087	1.11141079	1.11000202	1.11312231
0.37051423	0.38585708	0.39232389	0.43509509	0.44271635	0.46765979	0.45027771	0.45183434
0.2919183	0.3066752	0.29286859	0.30996067	0.31525088	0.3212826	0.32468922	0.33377483
6.38633448	7.13640396	6.60671875	5.47784838	5.71590291	5.95399244	5.59508885	5.72331979
102.378388	105.99822	101.830362	96.2141087	89.0919157	86.1356696	81.5461964	73.8658576
0.08117281	0.09024372	0.0986463	0.10608089	0.1187345	0.09185984	0.09497361	0.12246393
0.6348738	0.62538196	0.64443585	0.55875592	0.6507276	0.69190725	0.54585763	0.54705298
11.9154478	12.7009319	11.5689323	12.1971472	11.7767669	12.1462498	12.5817301	13.5352658
0.19507871	0.22657908	0.23936539	0.32587969	0.3286558	0.35787079	0.36240989	0.35734002
1.33458455	1.60703575	1.6055219	1.62900389	1.76115785	1.83337726	2.00262244	1.97740048
42.4321682	44.4310786	43.1303727	45.1454563	42.2276942	45.1821771	44.6469014	46.1857725
8.14239247	8.66115077	8.65942081	8.1653852	7.97688775	9.48414628	9.92172816	9.69722956
23.0342517	24.5035825	23.3194832	21.6708798	20.9387432	20.4522651	18.785356	18.3791045
1.85089536	2.18326717	2.16251641	2.12253726	2.59774018	2.94344182	2.75763946	2.97689119
60.6670028	59.1328066	57.8251145	51.6891707	52.3349661	51.4274126	47.6437467	44.7880411
383.433907	401.881619	397.276572	411.374384	443.705529	499.968041	504.271808	474.979261
1298.3951	1413.86479	1503.61107	1643.06475	1743.69289	1850.33185	2022.76478	2083.21093
47.6850028	46.9477784	46.2836848	41.1686737	40.9227524	37.1434312	37.5963299	36.3309791
506.041072	538.507939	554.97086	573.024772	576.559585	585.779097	592.334568	612.488825
84.863087	78.4288707	90.6702985	96.8494436	111.49271	115.905753	133.044182	144.409693
3.24270624	3.47606858	3.78073394	3.82828032	3.73723852	3.60461836	3.64590214	3.71137327
65.1446501	67.5304052	67.8896236	67.1192916	72.0337108	71.218274	77.6619022	68.3564316
487.931362	480.720149	465.396949	414.212703	424.040278	414.907024	394.857325	362.099395
12.2819499	12.2039911	9.83864139	8.01470796	7.66059502	7.56884858	6.97938441	7.44913577
20.5449577	21.3435365	20.4932323	21.0629274	20.5873142	21.0135774	24.5334034	24.10112
1260.29918	1296.25072	1224.95928	1161.41206	1220.4535	1273.3455	1311.29979	1326.7101
210.186482	219.597793	259.612588	231.364901	249.891807	268.328369	267.279577	286.199555



10.0525127	10.052177	10.6118794	12.5108502	13.5505098	13.9847583	12.9882791	14.3378524
5.59005462	6.74092266	7.82317388	7.04124978	6.60531829	7.90355896	10.4406882	9.68621766
3.00734029	3.69654767	4.0966503	4.87359763	5.15794763	5.36329333	5.63027009	5.69151202
0.06616518	0.06162441	0.06862439	0.05804246	0.06106283	0.05698155	0.05582202	0.06009816
0.06914468	0.07639896	0.08034408	0.0904137	0.0986442	0.07767432	0.07972121	0.09089822
521.908262	532.991847	543.316743	551.367178	598.127717	628.90487	632.147082	628.874948
78.0700436	76.3114112	81.7277482	83.5193006	86.4982988	89.8742024	90.7720469	93.1736892
1.70860126	1.80598001	2.10945153	2.64072184	2.96144261	3.12617504	3.33571139	3.94422442
16.1320862	14.9461311	18.3102341	21.5576855	20.6572109	20.9802019	23.4349044	23.1025724
0.72347772	0.66812464	0.56299575	0.52398002	0.79800132	0.89343891	0.99029021	0.91852418
57.4743355	53.7436672	57.1410739	60.2640776	63.6676366	44.2351799	62.8541888	62.6075685
0.12778233	0.13820331	0.14936468	0.16104351	0.18203448	0.14092004	0.145649	0.16647254
13.1924795	14.1224496	13.3031689	12.7758862	13.5168066	15.906547	17.892888	14.835624
0.41848173	0.53474777	0.43847033	0.51366032	0.52479583	0.54927545	0.58454679	0.58878582
14.1927586	15.5653671	15.8283049	13.2074334	14.0390471	14.3180044	14.4883054	13.3614268
11.9419912	11.3415488	11.2124701	10.6097059	11.2132608	11.0899297	10.867628	10.3233911
8.5380806	8.91211127	8.47722696	7.7507385	8.87857317	8.23176332	8.02556637	7.77748371
2.03380237	1.92727486	1.59736562	1.69358842	1.72010736	1.68879625	1.74286914	1.81507098
45.3670115	46.004845	49.4565346	48.940063	52.0267052	56.2634477	58.5346272	58.4772927
8.10925893	8.02275229	7.92433138	7.80544678	8.50214109	8.53207668	8.35028137	7.49148813
1.71432442	1.80325763	1.86986677	1.77575795	1.96809945	2.29408641	2.85026793	3.04904543
0.836383	0.87781471	0.95580912	0.98412467	1.05364584	1.14419473	1.44211324	1.6212219
463.911841	470.842085	472.265757	461.546294	476.92331	486.518979	506.22578	494.012642
9.6470426	10.3610831	10.1421908	9.12131287	9.17502174	10.2438332	9.62019654	8.79657685
1.14562319	1.34953531	1.5684715	2.01287635	1.99636578	2.18554991	2.30284354	2.7732951
2.65990475	2.72392351	2.73252159	2.51840635	2.59520104	2.58233401	2.72487419	2.38256623
10.4517299	10.9166865	8.35462433	7.78432549	8.62875128	9.17283751	12.5573138	14.2204222
12.7172403	13.2102642	13.2058726	13.9285259	14.9055432	16.2358519	17.6588085	19.1779016
2.82675109	3.24359978	3.14901506	3.40262336	3.60639726	4.24928193	4.70142208	5.11686527
1.70430585	1.87768746	2.11149925	2.10272499	2.1155093	2.28416674	2.55766111	2.34139002
0.7785048	0.8337825	0.84933213	0.92859064	0.99805409	1.038807	1.03859211	1.04020745
3.32130574	3.41340614	3.48691654	3.43722893	3.67468761	3.65555713	3.74276069	3.85818558
3.79317528	4.0775449	4.28668044	4.15909547	4.48870941	5.74658133	5.69354527	5.03258575
187.770777	204.940417	216.178157	197.981083	215.574556	218.328662	219.878444	237.245727
2.55579984	2.630222	3.01119259	3.08168315	3.18406954	3.37263547	3.55039836	3.79135966
2.6209089	2.723863	2.63711723	2.65863867	3.44271593	3.49189279	3.50259333	3.86052889
0.80173667	0.87054363	0.9102039	1.13423192	1.44180127	1.47384104	2.05548652	2.03708155
92.8285217	84.5444268	91.9359151	81.2605623	94.7365786	104.421391	102.799648	116.689009
4.65888309	4.82696173	4.6369378	4.535061	4.65765678	4.87612925	4.84219917	4.63154144
177.744642	178.914663	179.991467	174.780747	186.173492	174.130393	171.643382	169.402411
44.0115256	44.905007	47.1042711	45.1247002	47.9845166	46.9384125	46.3890917	46.8772395
2.71233289	2.79149204	3.08499565	4.06378383	4.78459439	5.3603677	6.2246859	6.29577739
36.2202609	35.0097306	36.1100858	33.3404166	33.3684381	32.6367507	34.7125138	34.5138058
42.1451444	45.5703042	44.7279566	47.1036594	51.492936	59.7407691	67.4364324	70.6321367
145.281629	161.935253	156.34766	160.045908	155.627246	155.209935	157.080639	160.769569
7.48832681	7.47554658	7.25549863	8.67306243	9.17761366	9.99551723	10.4460098	10.2595507
31.4853519	34.3709171	38.9890469	41.9694785	45.84143	49.1726825	49.1135256	50.3157323
70.9522325	76.9397356	77.7400714	78.623587	84.945343	84.5641795	89.4783588	97.462313
1.69774892	1.38364495	1.3977888	2.17379029	2.11071342	2.36968976	3.60393693	1.82432901
5.31709397	5.28346473	5.10150689	4.94970155	4.23093861	4.46856112	4.26010261	4.57566735
330.729865	330.27912	324.556175	311.342661	329.363828	326.913143	319.701452	315.069089

16.9684198	17.957572	15.3966229	13.9728022	13.4336998	11.6672557	11.3375127	10.9381909
81.2485307	67.9856481	74.4576364	71.6501753	69.0216183	50.9077437	49.1096908	37.9830594
63.0966212	61.4887777	59.4088436	58.6380605	53.395886	51.5449029	49.9282861	48.2934018
4.09793073	3.891779	4.54705008	4.69084314	5.2207092	5.42651617	5.38653523	5.61383223
0.88517506	0.94797051	0.96955323	0.93376853	0.98936747	0.95679493	0.92428315	0.99342071
48.9859289	56.146386	61.856847	63.9719543	72.2091046	83.1819524	92.3199335	102.132492
2.29480537	2.16076806	2.35543128	2.47626068	2.65311453	2.55796266	2.5933946	2.60512168
110.834612	107.081438	105.361741	85.6847607	83.3366361	89.8116822	87.6267786	79.519574
1776.17296	1779.00458	1764.30997	1662.0566	1746.8481	1832.56203	1819.75014	1764.19379
0.74426949	0.67734268	0.67741686	0.6952211	0.73016109	0.76156954	0.84621021	0.9410592
366.739011	387.875138	420.488402	444.015002	486.871716	509.209438	539.336925	547.190421
64.2292707	62.8579593	62.99849	58.8904928	60.8937191	65.4020021	58.06101	59.0187323
13.2790276	14.3993598	15.3752281	15.9254372	16.9097703	16.2361331	17.5219648	17.6238379
609.814654	645.894551	647.013644	615.599725	662.156446	663.687734	618.584757	616.145529
5.61423264	6.21891039	6.44359287	6.59223753	6.97735187	7.47815373	7.36322296	7.84008694
41.9694258	43.3583083	42.9200129	43.7624311	48.8906852	51.3438801	50.1614418	52.6351705
0.00853272	0.00993528	0.01039458	0.01061711	0.01149422	0.01202697	0.01220797	0.01489455
0.29979924	0.32370506	0.32834057	0.32781985	0.35840093	0.37276562	0.37184749	0.39299483
0.71753849	0.66600955	0.64909095	0.65416021	0.71295043	0.87523982	0.98612265	1.13588983
7.38658977	7.77645336	7.08624712	6.89482473	6.72078237	7.01979511	6.99485953	6.62836704
0.7869622	0.78811221	0.7665169	0.77771367	0.79216607	0.79545626	0.78891648	0.79272073
0.0255608	0.02773572	0.02919052	0.03219386	0.03610147	0.02771265	0.02839738	0.03331684
0.09612989	0.09763119	0.10512717	0.11493449	0.1241952	0.12842289	0.13462732	0.13516834
1.53102647	1.41433431	1.45957668	1.45130508	1.74919856	1.95552508	2.44418605	2.28772778
42.2183949	41.3290103	41.1428959	37.2168237	39.8965959	37.8845169	36.0975791	36.3708832
17.9446946	17.9221769	18.8881412	16.8902221	17.1627147	16.0822666	15.5192909	15.5139499
55.0960946	52.8408961	51.7099137	46.9186127	52.8813496	48.460093	45.7266933	43.9661516
0.99801016	1.03194069	1.01279603	1.04908835	0.85510308	0.81879627	0.81035625	0.96215834
1.05992718	0.86564434	0.92505371	1.02248359	0.9208294	0.78854476	0.89889976	0.81284879
61.5671345	65.0213994	66.6780861	62.4075115	62.6899901	58.6629852	46.1270196	31.1925373
0.04259699	0.05236966	0.05868999	0.06527896	0.07317443	0.05579363	0.05793151	0.06696176
0.4999717	0.56739226	0.48600679	0.4985009	0.52044451	0.68833768	1.21874861	1.32473489
1.22136023	1.21759168	1.58884904	2.71055782	2.5247802	2.31694485	2.21226165	1.90126681
232.8038	237.789452	238.897412	231.94288	246.283677	246.650273	264.727138	275.948608
3.48954933	4.05015202	3.79062679	3.04987176	3.07086818	3.08223117	3.50201049	3.5937621
54.9580923	60.7863601	61.9374066	54.6290919	61.6523983	66.1379037	68.2956069	65.2724829
0.34090023	0.31326405	0.31084694	0.33716613	0.33436614	0.37079292	0.62878172	0.7584584
0.13305758	0.11418273	0.12366411	0.13078866	0.12619844	0.12000823	0.11814764	0.11941199
38.5541498	39.4231048	38.5290785	37.4343779	41.0225473	41.255986	38.0555146	37.2946186
24.2365876	24.9812334	25.4257111	25.3635642	27.7285588	26.2615963	28.2395791	28.2188956
273.978959	300.306716	299.526268	301.361791	312.145775	332.730465	344.125911	333.840535
287.811075	292.659871	280.168308	266.561519	284.277186	290.954148	287.197032	292.580843
6.60340578	6.24241631	6.27940178	6.07715964	7.33326022	8.88641534	10.6021291	11.5935587
2.57640174	3.10703483	3.35639448	3.70441198	3.65560152	4.09189684	4.15409866	4.21198597
355.30868	366.314185	350.632975	290.659728	314.331268	333.222519	324.821836	315.185212
6.47848307	6.10214563	7.90180945	7.81785904	6.44150838	7.76812639	8.85564616	7.6379553
5790.2038	5872.95126	5689.52262	5273.31717	5521.76883	5307.91466	5088.01514	5225.0184
133.248363	129.467579	135.426966	122.776048	135.577042	138.325848	122.614373	120.757371
0.07277589	0.07790631	0.08131162	0.12392504	0.09682799	0.06850406	0.08717	0.08206859
158.979801	155.966631	164.099148	165.244139	176.790645	172.95721	193.789784	192.963107
0.04478192	0.04861848	0.05490118	0.06338358	0.07047642	0.05519804	0.05695589	0.06537565

103.114393	114.262858	125.735078	140.763218	156.721122	156.691277	156.139833	163.068121
0.08025257	0.1309161	0.12864256	0.14421358	0.15480823	0.17963295	0.14766531	0.15102674
0.21865935	0.23807435	0.24410949	0.248233	0.26306911	0.2676855	0.26807732	0.27871609
22.944561	24.3228135	25.2460417	27.6342422	26.3439099	23.0001094	22.0017992	28.7864633
440.603814	459.963669	487.908724	456.935895	464.334329	444.637837	460.890076	472.745355
2.4056585	2.20864618	2.3611321	2.64924186	2.92130637	3.28732475	4.35032071	4.57800179
10.641134	10.4832301	8.22348854	7.94038135	10.0649562	15.8457338	12.740022	12.7159489
3705.97234	3668.60043	3579.79847	3305.53681	3413.78663	3317.83481	3251.38767	3168.34467
31065.0949	32232.5147	32431.2493	32020.6779	34003.6421	35059.5742	35521.7137	36221.1383

2014	2015	2016	2017	2018	2019	2020	2021
0.44068921	0.46202559	0.48488861	0.46659161	0.46588121	0.55791727	0.45255306	0.50063525
7.82574085	8.34652078	7.52759371	8.06613849	7.93200469	7.24906857	7.05413297	7.93078103
30.8872637	33.0974989	31.2858027	27.9420989	26.2588865	27.573216	20.7109177	25.2628318
0.02791705	0.02802664	0.02836258	0.02908662	0.0282473	0.02760442	0.02280366	0.02201783
507.505761	536.21368	560.173839	589.919315	615.937542	625.141435	298.655678	331.317425
5.09583578	4.86352514	4.53027888	5.34151543	5.30558251	4.953544	4.56077642	5.03933311
5.66907832	5.74194405	4.97377492	4.01286778	3.23672602	2.51143324	2.05481112	2.2413207
197.903328	206.61952	212.219659	204.258015	187.055493	197.642257	195.49085	201.325069
190.082058	196.252189	194.170171	191.379189	189.838939	183.286903	170.120278	190.662021
5.76025112	5.61664906	5.37428874	5.68855723	5.95087835	6.42407592	6.9138233	7.50918466
0.27953852	0.29080902	0.31471848	0.27698049	0.29494309	0.34032265	0.27590049	0.30520814
396.257524	400.542427	408.506058	410.837089	409.206667	407.860383	392.519052	384.677239
65.9290433	67.3691305	67.7825177	70.1063347	67.1868431	68.5332451	62.5997583	66.1753265
34.7241354	34.5223507	34.414853	34.2297186	34.7618745	36.981338	35.4040262	37.4345896
0.40645607	0.43179759	0.48196965	0.5361767	0.72089185	0.79416929	0.88212964	0.88736218
97.7244604	102.379092	101.260962	99.7003875	100.098118	99.8824841	92.2670201	96.2510061
5.4582155	5.80870283	7.14552041	7.24150857	8.24623278	8.0279029	8.57473121	6.45782907
2.75930905	3.90461995	3.89736503	4.45857542	4.97031047	5.51825334	5.51952738	5.9321945
76.636884	85.4305821	93.9763585	101.024854	105.484995	108.075061	102.457471	116.68125
47.3148479	49.8542089	47.1224181	49.2795229	46.2331125	44.5730846	39.4908827	45.7854824
33.3021783	33.4755252	33.4617868	33.7559221	33.8240081	36.847311	36.844525	37.2755872
1.1361919	1.12022313	1.2453497	1.37361708	1.542561	1.77189067	1.43741636	1.59006508
20.7919671	20.825205	23.501667	23.9871278	24.0596339	22.5934882	22.5308799	22.9648449
63.9687858	59.1667695	59.0617532	60.2209861	63.5591287	61.3745304	58.1655991	58.6377466
0.20352278	0.24602152	0.2593958	0.28335042	0.24658839	0.26851559	0.21904283	0.24562828
0.27182981	0.23050096	0.31148203	0.28517948	0.31198703	0.35836098	0.31547028	0.33107302
19.444905	19.9347555	21.3426371	21.7594779	21.9395677	21.9784718	18.5445396	21.8107472
546.149754	517.589641	482.4293	494.498593	470.768594	468.126165	447.423547	505.991487
0.66785801	0.72028304	0.7736019	0.68241438	0.73912224	0.83419899	0.67156005	0.75720435
8.10656071	7.36513757	7.89924143	7.87141409	8.03013932	7.60331042	9.90369773	9.74624097
1.12233342	1.304684	1.41925861	1.54441009	1.79491488	1.96406079	1.73692689	1.87026897
7.1367188	7.08768018	6.75065298	7.44311506	8.20573373	7.3370794	6.08847058	6.59640356
0.16207847	0.23146953	0.24916122	0.25933227	0.26923849	0.2914882	0.30314691	0.30842204
580.482761	577.129582	575.871066	593.044243	613.658224	607.249571	546.675126	561.625863
40.9097384	40.2329819	40.7896757	39.8068765	38.5013196	38.3791559	35.8867821	37.5792427
78.6954317	84.3487475	88.8318999	89.7171974	89.7847914	95.2151559	87.4781954	89.0742915
10916.9228	10776.9127	10805.0515	11037.1271	11572.4164	11850.5929	12022.433	12621.6147
10.4590736	11.2650137	11.4034541	12.3298033	12.3428905	13.190287	13.0805815	14.5134076
8.86448622	9.1789532	9.69609657	9.84793227	10.5130266	10.2374284	10.3804822	10.2312801
5.38599896	3.49085928	2.68988371	3.12922114	3.10267303	3.35452716	3.4582256	3.51029204
5.27617549	5.74985077	5.58984588	5.53065541	6.38648274	7.20204882	7.36859494	7.01883379
0.11054873	0.09996606	0.10542507	0.11493348	0.11693874	0.12216678	0.12421843	0.13025883
82.1711437	83.5227083	85.8530077	78.1782495	82.0012057	82.7064746	80.8649471	87.9477488
0.15495224	0.16977078	0.19842628	0.25520943	0.27868031	0.31848302	0.33444543	0.34025808
0.77634301	0.78405609	0.82243102	0.86947703	0.87511331	0.92805645	0.97580484	0.99274403
8.05595976	7.77003655	8.24348574	8.39080521	8.45368536	8.20673952	7.1803472	8.01848649
26.9243678	29.470578	27.3713011	26.4932125	26.8479818	24.5782001	21.5997367	21.1482736
0.23146867	0.25023402	0.2625916	0.28039425	0.26965488	0.37663385	0.30562174	0.33809591
6.81611617	6.85502714	7.22069184	7.3618957	7.21272518	7.2154651	6.80140902	6.90417986
107.232822	108.284669	109.80823	110.375009	109.338938	103.303247	94.3915667	99.1480776

779.22312	785.387181	789.713787	774.948179	747.214477	697.008488	642.552047	677.803873
0.88593418	0.80972007	0.73878602	0.66376992	0.71825249	0.70746579	0.73482341	0.79282847
0.06694518	0.07241899	0.07771027	0.06916735	0.07490099	0.08405508	0.06837519	0.07550205
36.2042932	34.0735922	35.7064281	33.5723561	33.6544374	30.2021582	27.7967183	29.3959139
21.6937816	23.8683041	24.8648917	23.7791208	25.6208464	28.5245619	26.9002532	29.6662179
155.010835	164.862136	160.99032	166.551438	174.835679	181.649319	171.893061	179.742053
42.5426292	42.2632252	40.9718603	39.7640666	41.371735	40.8262451	35.7124676	39.8895735
233.092998	239.392538	250.097352	262.076555	256.574882	237.063894	226.188387	249.736499
0.5955505	0.57758754	0.59714965	0.58610546	0.65502406	0.6735214	0.67177978	0.71216403
0.23344244	0.23807757	0.24004703	0.21477247	0.22572499	0.23300854	0.19739343	0.2408665
258.015469	275.07859	266.531106	281.695409	275.130061	257.72585	218.744218	237.586876
21.920755	19.9909608	19.9797607	21.2227213	22.3588375	14.7077883	11.4807911	12.3095361
12.4045982	13.5096315	16.0315801	15.8687912	17.4651607	18.8294416	16.8773575	17.2770819
49.4373621	45.9709502	48.8034708	46.0729875	47.4347961	44.1406308	39.4648769	39.4363641
1.55903488	1.61644092	1.59179799	1.74979728	1.84505925	1.9181485	1.93475947	2.02812912
0.01625735	0.01732452	0.01919254	0.0170857	0.01848507	0.02123414	0.01722506	0.01905516
328.087892	332.974873	335.767833	339.345802	328.630175	322.752334	287.324318	319.424807
0.00199882	0.00199918	0.00199948	0.00201338	0.00202931	0.00204493	0.00205898	0.00207266
6.26609813	6.44011792	6.50002613	5.62670417	5.25767855	5.43890387	5.30964359	5.13774599
430.496235	415.856048	393.343901	381.285415	373.220549	357.332578	319.014668	339.495258
9.83724672	10.6455228	11.0235987	11.1690187	11.1345373	11.9198397	11.5462613	12.147213
14.997733	15.7884755	16.1935294	16.9641066	19.1323926	20.2013964	22.1490211	25.009523
0.53734016	0.58724624	0.61235549	0.64982646	0.68973251	0.71739068	0.6394157	0.6466669
2.37914217	2.84521303	3.20291482	3.21270376	3.24666602	3.44616321	3.60107276	3.67296413
1.11348161	1.11566934	1.11412007	1.11415359	1.11678456	1.11562058	1.1147668	1.114769
0.48484491	0.5043085	0.5084318	0.51228776	0.51713032	0.55937611	0.58727114	0.59750961
0.34216761	0.35942633	0.37512306	0.30025318	0.30207958	0.32020239	0.33546696	0.34130885
5.71786868	5.40687529	5.38925282	4.88703733	4.68264109	4.55508889	4.46898833	4.35819125
71.0042007	69.447552	68.1560348	68.3789112	66.5823057	61.6190606	52.3729381	54.1984411
0.10992331	0.11698238	0.12743514	0.12786527	0.13077198	0.15015097	0.12185502	0.13478703
0.48905554	0.52611249	0.52568836	0.51400535	0.5192559	0.52384529	0.52750221	0.54837987
14.5331602	16.9746116	18.0397457	17.1524382	18.7548403	19.6793738	17.6422305	20.2431621
0.35382163	0.35073118	0.35909397	0.35646084	0.36112727	0.36273679	0.36042769	0.36427449
2.06513472	2.0746032	2.45718263	2.46884215	2.58078897	2.79342977	3.32984756	3.26976129
47.5542553	44.2454079	45.0793161	44.1347234	44.0590458	43.5081602	35.1559887	35.0751454
9.92638625	10.5259584	10.366497	9.33823916	8.99643917	10.1608001	8.81412682	9.88224592
17.6747628	18.0220003	18.2725715	18.7953942	17.7643694	17.9637016	17.2460245	17.720134
3.22784908	3.49354029	3.57752904	3.58596114	3.5569639	3.59414786	3.46238667	3.40980831
44.8222563	47.5350323	48.2664465	51.1628876	50.9078183	50.7755179	49.0036713	50.2534799
505.15469	512.407375	507.076768	535.717161	597.476692	637.310073	594.263383	619.327412
2242.84094	2260.13142	2303.36191	2433.78308	2573.1194	2542.03508	2318.94767	2548.48326
36.1403422	37.6450107	39.5221469	38.2913657	37.1696744	35.4191671	33.501685	35.381731
636.379851	629.340727	642.163198	666.240462	661.249504	696.776764	712.362502	738.58291
138.287522	137.903858	152.303627	165.679513	178.470978	193.655883	170.446496	174.836606
3.46460271	3.62992102	3.17959676	3.3306552	3.31393115	3.17470122	3.02898346	3.22677902
66.0167676	68.0735109	67.6618166	67.9276883	63.5776859	65.4575204	61.5277036	61.0907077
343.352345	354.020515	349.447071	345.934011	340.608904	332.487739	295.874748	334.276606
7.18567439	7.07227904	7.59058278	7.27768069	8.66079392	8.43730481	5.89015617	6.43913076
25.8414288	25.6326584	25.2344421	26.5498289	25.2569069	23.6722433	21.517698	22.309005
1276.25549	1235.41867	1232.87686	1217.84843	1179.21764	1139.49743	1072.16952	1084.92164
232.297056	205.386349	215.730812	227.683767	228.893045	216.935432	224.730421	244.864261

16.3980973	17.7396284	19.2302776	19.9388048	19.1136102	19.413454	19.2084686	21.4878088
9.94111277	10.3156806	9.74085351	9.63658956	11.4711453	10.2259651	9.30772683	10.5049653
7.0286711	8.51398501	10.5910587	11.8487301	12.335875	15.8550602	16.5998196	16.7774565
0.06065137	0.06229758	0.06782401	0.07887189	0.08062523	0.08377075	0.0851244	0.08925787
0.09718626	0.10175695	0.11140522	0.10386108	0.10874645	0.12493233	0.10142842	0.1122012
623.523208	642.690583	659.885568	667.8613	670.562711	651.121815	614.201662	631.07125
91.2730936	94.685856	97.2352891	96.2003369	97.9986199	98.8219837	98.6103361	106.144052
4.38734973	8.92741161	15.8708821	19.2440755	19.8620784	19.3699184	19.4377839	23.8165941
24.9674502	26.903357	27.8637518	29.2947054	27.4917636	27.002284	21.8187163	16.8591236
1.18533342	1.22341046	1.37286219	1.20744748	1.37567261	1.4525385	1.54663326	1.61726269
61.7987682	54.69071	51.326715	55.5158302	57.3992614	57.8185181	45.8166624	56.0040454
0.1775144	0.18211503	0.19607101	0.1960206	0.18712857	0.3119957	0.25317607	0.28004927
17.8791224	19.7082644	23.483876	23.4078643	21.9798929	23.9714006	22.159387	22.7230851
0.60078829	0.59155275	0.65115436	0.70430534	0.68989047	0.73883376	0.77591764	0.78936549
13.2087077	13.6575806	13.5164946	13.9608519	14.0159435	14.2938963	14.2512306	14.3290188
9.81978929	9.30928534	9.04128916	9.18818674	9.46876503	9.61858677	7.94587582	8.32516412
7.57176516	7.64608925	7.47848708	7.43029479	8.10591655	7.85437145	7.22279337	7.42712775
2.08896023	2.75879528	2.62571166	3.19245859	2.50552175	2.70599307	2.87046745	2.80373399
59.4475377	61.1308503	60.9959818	63.8465619	65.1826945	71.8539126	67.5663767	73.126428
8.03813734	8.29622545	8.42007054	8.30240425	8.85875947	9.10635514	8.84480949	9.64700836
3.13319824	3.41788842	3.25074833	3.55206987	3.37652996	4.00029797	3.10830995	4.08211803
2.19292912	1.58825208	1.73370667	1.83524127	2.12981129	2.47079446	2.51207352	2.6341571
480.815962	490.300524	496.334894	500.557118	476.057005	485.264681	427.815086	452.878622
8.35143838	7.93751978	7.62478409	7.98540304	7.54796323	8.683448	7.58600183	7.6537546
2.91831741	3.50426985	4.54016214	5.06685978	5.42729952	6.24532196	6.47870984	6.59864204
2.36925754	1.67208683	1.3653441	1.55807258	1.5672815	1.67292777	1.62032674	1.62730675
17.7392855	19.7351421	22.9673433	33.7348757	33.5018763	34.3720134	34.7061473	31.8261957
19.5285581	18.0235825	19.1139418	21.0718991	22.9527034	25.3310017	22.5104419	24.8484583
5.79026	6.45765492	8.33126079	8.31152848	8.05417806	8.62743083	7.9798751	9.28849571
2.68942232	2.7366664	2.60260327	3.73780656	3.9313491	4.31926096	4.50880831	4.59154417
1.04056236	1.04244643	1.04167095	1.04168761	1.04111803	1.04055558	0.77763254	0.91614249
3.98986214	4.00147572	4.07579919	4.21548479	4.18197265	4.21236322	3.7547036	3.99391673
4.9716211	4.89967926	4.89448939	5.38326996	5.52283614	5.58507357	5.24932029	6.22712028
251.464615	252.928579	247.568335	237.864519	254.361188	255.207086	253.393385	258.914402
3.93582503	4.13445657	4.25831742	4.18530689	4.21442964	4.23643574	3.87710984	3.95407756
4.7138853	4.49983017	4.80866461	4.68210453	6.16321512	6.22379226	6.45501573	5.60773926
2.20199249	2.1697374	2.16831304	1.98205948	2.10201144	2.37304779	2.4095952	2.85875024
123.309905	117.611214	120.685697	119.018113	124.902449	129.759248	122.127697	130.981718
4.90157723	5.48849284	5.71385217	5.67384265	5.17259296	5.31534714	4.72893165	5.17674703
161.788444	169.417604	170.832094	168.091645	163.020856	157.860429	141.890114	146.314747
46.9898145	47.9537992	47.3706647	47.4079312	46.9537223	45.7434874	44.5161427	45.1012831
7.35182471	7.32150953	10.7632971	13.1990462	14.8887301	13.4602908	16.4554321	16.5911074
35.218238	35.3168915	34.6713449	36.1985031	35.8407736	37.3026279	35.2579592	35.2696025
75.0278424	79.324021	81.7056356	82.3514239	85.3361576	86.3502041	82.1974264	88.0744811
169.173332	178.254773	196.768263	213.26647	202.283025	198.972335	222.471946	236.743713
10.7691687	10.6286478	10.6617157	10.1456695	9.92427139	13.1032664	9.58691606	10.8719719
53.243372	54.8923296	57.4911906	55.2061394	55.3373464	58.1595118	47.5179956	53.2687294
103.989035	113.16185	121.273446	135.622376	141.312328	147.897066	135.80019	145.586749
1.26770413	1.19534477	1.14434997	1.1963345	1.23050131	1.26828879	1.27635486	1.32896414
5.53686297	5.97292564	6.61997028	6.50453349	6.7603475	7.13275101	5.96305662	5.55826799
302.546121	305.747136	316.70493	330.199364	329.564445	312.082897	296.882146	323.84974

11.5115701	12.0970783	11.3492758	11.6298407	13.6969749	12.6032305	12.4895346	12.6539451
41.6830884	32.7392768	36.0975061	73.5984773	66.4270375	73.3791273	69.0807587	57.2744739
47.8225058	51.876358	50.6800203	55.3036006	51.2706812	46.6776467	40.9263233	39.1627222
5.93007037	6.64023428	7.49177001	8.44714338	8.7195732	8.49686674	7.94001301	8.9595064
0.98305768	1.00532958	1.0075164	1.00509091	1.05046543	1.08404207	1.09981293	1.15329225
110.763832	114.083117	114.053709	114.104704	114.894732	117.674193	115.290732	117.96597
2.585749	2.55807636	2.57020126	2.56965672	2.57304784	2.56735197	2.55310505	2.55780709
78.9791381	80.2913973	78.6945984	81.7855808	82.9897289	81.1524733	75.7039904	80.4074183
1750.14397	1757.05742	1734.56019	1763.15277	1841.44165	1909.81658	1828.79672	1957.92736
0.95696916	1.10446433	1.20836292	1.30933413	1.45704847	1.50759134	1.4481549	1.68129723
585.920865	611.440476	609.501135	603.320466	580.035626	580.517293	570.892278	584.508296
50.1400956	58.224061	60.2341897	60.1924203	59.0170968	58.9189215	58.9428728	57.9449193
18.5160558	21.5613775	23.9423413	23.6693635	23.8835582	23.4753399	21.3474674	23.0149227
636.799157	662.654805	680.257986	707.041346	709.848182	693.857345	633.554647	653.971406
8.38205452	9.21759101	10.2962172	10.2027202	10.7351919	11.0283572	10.8143113	12.2234186
53.8746886	55.1876911	52.9838811	56.8975751	54.2252426	55.9023675	53.8793157	55.6894589
0.01486967	0.01498657	0.01566723	0.01636002	0.01720245	0.01691793	0.01558123	0.01593782
0.37437978	0.3335715	0.32355389	0.33314321	0.35443703	0.36027841	0.36594356	0.38371244
1.20994	1.01437282	1.04949514	1.02525672	1.01911313	0.99883048	1.04042848	1.06209767
6.80826981	7.26293276	7.32670761	6.62869114	7.09897001	8.1039971	6.65395232	7.53138423
0.77537907	0.81568216	0.8300582	0.81982232	0.82684331	0.87448958	0.91049592	0.92659787
0.03718801	0.03794443	0.04105865	0.03745486	0.04206358	0.04179044	0.03687256	0.03870306
0.13197514	0.1394975	0.14497404	0.14596396	0.14415089	0.16693388	0.1754674	0.17851615
2.62055752	2.72500199	2.96005279	2.44968335	2.15032728	2.66072917	2.60394425	2.6076781
33.9837674	34.5115775	35.4469041	37.7188858	37.2103409	34.7802635	32.6171888	36.6183904
14.1301811	14.2990979	15.0251875	15.3482163	15.3433237	14.7135996	13.4212965	13.760815
42.7764735	42.8983233	42.6298705	41.8796484	39.4282953	39.1397975	37.7939587	39.880774
0.98227944	1.0206241	1.12067426	1.11004443	1.11009647	1.17379906	1.15498912	1.24576937
0.92868632	0.97828287	1.08952489	1.12851231	1.00470689	1.0696103	1.12508928	1.14463184
26.9852652	25.609669	24.6553232	26.8109775	28.6477387	27.0702227	25.5661089	25.3672616
0.0759297	0.07986187	0.08804066	0.08824459	0.09149658	0.10835172	0.08802565	0.09737568
1.40392601	1.601869	1.66010614	2.16255887	2.26167505	2.36494542	2.140661	2.19021325
1.73361294	1.54477598	2.0944045	1.82036847	1.99361599	1.9777651	2.21543499	2.4600249
272.326647	279.737642	276.007928	276.939555	274.585825	284.439555	274.439019	267.491237
4.7680576	5.09158257	5.71528868	6.93368684	8.20402094	9.03998907	9.38634477	9.37840858
63.1836218	65.5336705	65.596626	65.5959318	64.7626817	65.4787368	66.7013572	65.2896556
0.74404148	0.69519355	0.66082445	0.68830878	0.68028095	0.65457926	0.64989038	0.66579778
0.13183008	0.13471915	0.14318226	0.17679591	0.15734084	0.18904339	0.1921514	0.20149071
37.1396475	36.7039415	33.6785593	32.5109034	32.5880506	33.1859793	29.7721323	28.6587061
30.2016024	30.7179633	29.8583956	30.2933142	30.1845995	30.2411882	28.7147547	31.0141263
355.353198	367.804098	391.22841	433.178071	428.912616	413.637216	422.794471	460.655415
296.639147	296.561242	300.878629	306.720375	300.748358	290.665743	289.506401	299.794279
11.2569894	13.2033642	14.1366763	14.1976223	14.9411245	17.0035299	16.7973882	19.2959474
4.63407448	5.37472177	5.77066286	6.00055755	6.60268573	6.79028174	6.79325441	7.57641634
269.252195	226.036234	227.189554	205.539184	218.351755	207.843123	198.657501	194.05488
6.70812977	6.87966719	6.8145896	6.3909441	6.85288205	7.1380119	6.89568029	8.53411969
5244.07172	5133.22034	5029.20409	4959.76487	5118.11483	4966.95097	4466.04282	4755.18378
112.792287	107.254024	113.723212	118.013499	121.835792	125.206318	123.0374	133.69382
0.09202407	0.0949047	0.1009868	0.10899124	0.10171826	0.10144681	0.08224463	0.09096644
191.918031	175.929605	162.933525	151.958312	140.764693	119.498785	72.3292007	71.1775375
0.07002965	0.07169566	0.07720817	0.06707417	0.08642228	0.07928467	0.06429405	0.0711226

178.830084	200.705306	224.454829	230.403723	283.860301	338.945965	352.063907	341.105135
0.17526235	0.15920719	0.1658635	0.18989659	0.24828862	0.24697383	0.25091929	0.26311367
0.28644961	0.32872751	0.35405488	0.36131863	0.3583603	0.40258858	0.40921207	0.4291069
28.3541681	14.2508335	10.6287644	10.3921822	12.1542995	12.4646199	11.5039284	11.5483024
484.048242	460.051452	460.496227	469.811499	473.69977	478.588373	418.773239	428.533165
5.00975141	5.31998777	5.80302758	7.07719889	8.05623978	7.02669046	7.47724303	7.76464584
12.5977225	12.6894931	11.2662753	10.5854337	12.2700391	11.1691502	9.07213278	10.6232901
3025.89624	3086.21492	3094.77669	3118.70752	3049.51117	2908.15685	2641.18792	2833.75506
36427.7697	36300.4665	36423.6607	37047.472	37974.5539	38066.4341	36154.308	38121.015



<b>2022</b>	<b>2023</b>
0.50269326	0.5300261
8.25991526	8.70734983
27.3530381	28.2299276
0.02186134	0.02295555
411.474866	491.632308
4.6090098	4.59182776
2.32423989	2.43413844
206.89949	205.991303
193.481638	183.778421
7.28927617	7.7251444
0.30645476	0.32310562
374.878511	373.616424
61.2237131	58.815133
39.4268417	42.7662003
0.83960989	0.84433322
89.7392646	84.3060646
6.61897968	6.43789566
6.14388227	5.99925048
124.077908	124.793363
50.0681309	39.7925659
36.2890862	37.4255734
1.59675807	1.68371167
22.7126705	21.9967484
56.8265934	54.1756606
0.26172499	0.2784505
0.33243866	0.35051886
22.7373695	23.8069324
478.914266	479.504229
0.75984196	0.79621294
9.44848636	9.7160605
1.92668558	1.98667442
7.28265675	7.42469822
0.3528131	0.36837759
575.321312	575.011963
34.4133148	34.2217129
88.8450338	83.9992317
12526.8263	13259.639
14.7633348	14.4124548
10.826491	10.7556315
3.89198871	3.7995412
7.71959041	7.25078981
0.13749816	0.14221083
91.760504	100.862711
0.31723736	0.31769501
1.03708253	1.00633013
8.0900268	8.5733445
20.8475701	22.0669875
0.33951964	0.35801471
7.18530953	7.1832995
99.4325451	90.5128035

659.501847	582.950582
0.74848401	0.74920426
0.07580425	0.07985481
28.1415276	26.7729118
29.6442087	31.3508129
186.644447	180.35765
42.2602213	45.3281604
247.160663	249.331851
0.66738973	0.66850026
0.26597556	0.26475986
235.471151	217.261722
12.5881564	11.4363689
16.5390644	16.7076921
36.1536824	32.2688772
2.13861214	2.21053789
0.01850087	0.01945408
310.457935	282.427467
0.00208899	0.00210347
5.39503486	4.926896
327.460665	302.103281
12.6339414	12.8635951
24.7887391	24.1637862
0.67497241	0.6885879
3.80883155	3.71538329
1.11476897	1.16714117
0.62414517	0.60583061
0.35645124	0.34601742
4.16119324	3.77675285
54.932298	51.6740012
0.13534514	0.1426981
0.57576905	0.58222398
19.9773256	21.3494053
0.36428923	0.3816342
3.32222187	3.3041562
32.6268989	34.6728426
10.3283993	10.9457627
17.4424862	17.4565016
3.3920621	3.53647813
47.6012116	43.8252319
656.669202	674.535939
2740.82063	2955.18168
34.733627	32.4825757
760.553691	778.802299
190.475338	192.908243
3.25011515	3.08623242
62.8541039	61.2549886
332.765762	305.490181
6.36899937	6.86473268
22.3357954	23.5789815
1009.97873	944.75861
240.220434	239.867113

21.389606	21.7336726
10.3109782	10.4639869
17.3545032	17.9700825
0.09421526	0.09744356
0.11266114	0.11878236
587.817626	573.535659
109.397314	111.633539
24.5509109	26.0208354
16.871182	17.3320548
1.68001558	1.63688678
57.0466017	61.2585953
0.281242	0.29655941
19.980182	20.5179969
0.85182883	0.87831266
13.1501362	13.1146208
7.26295999	7.00746261
6.65792388	6.55110016
2.92034245	3.01235527
70.2969357	69.858022
9.45707931	9.92822004
3.98989377	4.09912444
2.78080008	2.87631409
465.944443	487.093937
8.38401749	8.76365505
6.84511455	6.66068125
1.75953158	1.6846193
32.3925494	33.3683684
25.8904805	28.1171183
10.028171	9.74008031
4.77960352	4.65026925
1.03979762	1.09136945
4.04908968	4.21358539
5.94775462	6.44768015
274.342445	283.32353
4.25475809	4.36458915
5.88179114	6.20856473
2.90501137	2.82285203
130.106621	127.941726
5.40414076	5.72528535
132.970727	122.87205
44.5559421	44.0652046
17.2219276	17.9337772
34.6009248	35.795086
90.9704155	93.0941884
218.680183	200.51013
11.9980785	14.7205276
57.0112667	58.4033628
150.638747	161.288342
1.39811487	1.43959037
5.81260571	5.9518171
317.291866	286.906782

12.6334284	13.8152941
59.465226	64.2745102
39.4986758	36.1713497
8.17866901	8.25393827
1.21731045	1.25899001
118.729808	127.90789
2.55781642	2.57071463
75.9817908	70.7733086
2025.14361	2069.50201
1.62216601	1.64596657
605.257618	622.913601
57.7879115	56.1209237
21.4029523	21.2733062
698.613395	706.320421
12.3576389	12.0239389
55.7572095	57.0683312
0.01728207	0.01777106
0.40498902	0.41884725
1.10290062	1.07493796
7.91804979	8.37961857
0.86624273	0.86815344
0.03975696	0.04010559
0.20486823	0.21407962
2.53917228	2.62856188
35.5535619	34.86157
13.1319046	12.076461
36.2085764	35.3921697
1.35262807	1.3901638
1.20247285	1.23726298
25.2929111	25.594861
0.09778054	0.10309865
2.50696746	2.57140807
2.53011452	2.49257839
275.868891	274.160046
9.18383322	9.3081946
66.6193126	65.987684
0.71212611	0.70288974
0.21269978	0.21999594
27.9233981	27.2161799
30.4578689	31.4974577
433.745717	438.315564
287.605486	279.847346
18.9814594	19.3734616
7.22103074	7.2174068
138.335646	136.197947
8.71040447	8.81727876
4786.63055	4682.03941
138.911368	137.900113
0.0913336	0.09628532
77.8470467	84.5952915
0.07141057	0.07528918

324.900689	372.94852
0.2777603	0.28730131
0.45293536	0.46844804
11.1906085	10.898839
409.407425	397.372958
7.80699832	8.05897939
10.9630039	11.7440513

2756.9063	2512.06778
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38246.6241	39023.937
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Substance	Sector	EDGAR Country C	Country	1970	1971
CO2	Agriculture	AFG	Afghanistan	0.02922857	0.02922857
CO2	Agriculture	ALB	Albania	0.1133	0.1133
CO2	Agriculture	ARG	Argentina	0.10434285	0.10434285
CO2	Agriculture	ARM	Armenia	0.0552882	0.0552882
CO2	Agriculture	AUS	Australia	0.31114284	0.31114284
CO2	Agriculture	AUT	Austria	0.00644286	0.00644286
CO2	Agriculture	AZE	Azerbaijan	0.04146615	0.04146615
CO2	Agriculture	BEL	Belgium	0.04174762	0.04174762
CO2	Agriculture	BGD	Bangladesh	0.20852854	0.20852854
CO2	Agriculture	BGR	Bulgaria	0.9178714	0.9178714
CO2	Agriculture	BIH	Bosnia and Herzegovina		
CO2	Agriculture	BLR	Belarus		
CO2	Agriculture	BRA	Brazil	1.14101427	1.14101427
CO2	Agriculture	CAN	Canada	0.61704761	0.61704761
CO2	Agriculture	CHE	Switzerland and Liechtenstein	0.01361905	0.01361905
CO2	Agriculture	CHL	Chile	0.05562857	0.05562857
CO2	Agriculture	CHN	China	4.638333	4.638333
CO2	Agriculture	CIV	Côte d'Ivoire	0.00471428	0.00471428
CO2	Agriculture	CMR	Cameroon	0.033	0.033
CO2	Agriculture	COL	Colombia	0.16201426	0.16201426
CO2	Agriculture	CRI	Costa Rica	0.05342857	0.05342857
CO2	Agriculture	CUB	Cuba	0.46357142	0.46357142
CO2	Agriculture	CYP	Cyprus	0.04211429	0.04211429
CO2	Agriculture	CZE	Czechia	1.65886174	1.65886174
CO2	Agriculture	DEU	Germany	1.55791427	1.55791427
CO2	Agriculture	DNK	Denmark	0.00785714	0.00785714
CO2	Agriculture	DOM	Dominican Republic	0.12697143	0.12697143
CO2	Agriculture	DZA	Algeria	0.22125714	0.22125714
CO2	Agriculture	ECU	Ecuador	0.05300952	0.05300952
CO2	Agriculture	EGY	Egypt	0.82578568	0.82578568
CO2	Agriculture	ESP	Spain and Andorra	1.1007857	1.1007857
CO2	Agriculture	EST	Estonia	0.0765972	0.0765972
CO2	Agriculture	ETH	Ethiopia	0.01377619	0.01377619
CO2	Agriculture	FIN	Finland		
CO2	Agriculture	FRA	France and Monaco	2.78457141	2.78457141
CO2	Agriculture	GBR	United Kingdom	1.23482857	1.23482857
CO2	Agriculture	GEO	Georgia		
CO2	Agriculture	GRC	Greece	0.47771429	0.47771429
CO2	Agriculture	GTM	Guatemala	0.07542857	0.07542857
CO2	Agriculture	HRV	Croatia	0.03889712	0.03889712
CO2	Agriculture	HUN	Hungary	0.91818568	0.91818568
CO2	Agriculture	IDN	Indonesia	0.57823325	0.57823325
CO2	Agriculture	IND	India	2.46195684	2.46195684
CO2	Agriculture	IRL	Ireland	0.03362857	0.03362857
CO2	Agriculture	IRN	Iran	0.26923807	0.26923807
CO2	Agriculture	IRQ	Iraq	0.06332857	0.06332857
CO2	Agriculture	ISL	Iceland	0.00722857	0.00722857
CO2	Agriculture	ISR	Israel and Palestine, State of	0.09538571	0.09538571
CO2	Agriculture	ITA	Italy, San Marino and the Vatican	1.03509995	1.03509995
CO2	Agriculture	JOR	Jordan	0.00754286	0.00754286

CO2	Agriculture	JPN	Japan	0.55345712	0.55345712
CO2	Agriculture	KAZ	Kazakhstan	0.07141393	0.07141393
CO2	Agriculture	KEN	Kenya	0.01807143	0.01807143
CO2	Agriculture	KGZ	Kyrgyzstan	0.15722583	0.15722583
CO2	Agriculture	KOR	South Korea	0.41375707	0.41375707
CO2	Agriculture	KWT	Kuwait		
CO2	Agriculture	LBN	Lebanon	0.0836	0.0836
CO2	Agriculture	LBY	Libya	0.02540476	0.02540476
CO2	Agriculture	LKA	Sri Lanka	0.17317142	0.17317142
CO2	Agriculture	LTU	Lithuania		
CO2	Agriculture	LVA	Latvia	0.05759188	0.05759188
CO2	Agriculture	MAR	Morocco	0.20978571	0.20978571
CO2	Agriculture	MDA	Moldova		
CO2	Agriculture	MEX	Mexico	1.1997333	1.1997333
CO2	Agriculture	MKD	North Macedonia	0.00907599	0.00907599
CO2	Agriculture	MLI	Mali		
CO2	Agriculture	MMR	Myanmar/Burma	0.05735713	0.05735713
CO2	Agriculture	MUS	Mauritius	0.03645714	0.03645714
CO2	Agriculture	MYS	Malaysia	0.15190474	0.15190474
CO2	Agriculture	NGA	Nigeria	0.02954286	0.02954286
CO2	Agriculture	NIC	Nicaragua	0.06233333	0.06233333
CO2	Agriculture	NLD	Netherlands	0.00958571	0.00958571
CO2	Agriculture	NOR	Norway	0.00094286	0.00094286
CO2	Agriculture	NPL	Nepal	0.02671428	0.02671428
CO2	Agriculture	NZL	New Zealand	0.09224285	0.09224285
CO2	Agriculture	PAK	Pakistan	0.5833142	0.5833142
CO2	Agriculture	PER	Peru	0.20239999	0.20239999
CO2	Agriculture	PHL	Philippines	0.36959998	0.36959998
CO2	Agriculture	POL	Poland	2.36803803	2.36803803
CO2	Agriculture	PRK	North Korea	0.64271424	0.64271424
CO2	Agriculture	PRT	Portugal	0.22125714	0.22125714
CO2	Agriculture	PRY	Paraguay		
CO2	Agriculture	QAT	Qatar		
CO2	Agriculture	ROU	Romania	1.09214283	1.09214283
CO2	Agriculture	RUS	Russia	5.07840973	5.07840973
CO2	Agriculture	SAU	Saudi Arabia		
CO2	Agriculture	SCG	Serbia and Montenegro	0.03781664	0.03781664
CO2	Agriculture	SDN	Sudan and South Sudan	0.10575713	0.10575713
CO2	Agriculture	SEN	Senegal	0.00288095	0.00288095
CO2	Agriculture	SLV	El Salvador	0.20428571	0.20428571
CO2	Agriculture	SVK	Slovakia	0.22245255	0.22245255
CO2	Agriculture	SVN	Slovenia	0.00378166	0.00378166
CO2	Agriculture	SWE	Sweden	0.0792	0.0792
CO2	Agriculture	SYR	Syria	0.0858	0.0858
CO2	Agriculture	THA	Thailand	0.08957143	0.08957143
CO2	Agriculture	TJK	Tajikistan	0.12727805	0.12727805
CO2	Agriculture	TKM	Turkmenistan	0.3282737	0.3282737
CO2	Agriculture	TTO	Trinidad and Tobago	0.044	0.044
CO2	Agriculture	TUN	Tunisia	0.06081429	0.06081429
CO2	Agriculture	TUR	Türkiye	0.71819522	0.71819522
CO2	Agriculture	TWN	Taiwan	0.74485712	0.74485712

CO2	Agriculture	TZA	Tanzania	0.03975714	0.03975714
CO2	Agriculture	UKR	Ukraine	2.07651971	2.07651971
CO2	Agriculture	URY	Uruguay	0.01293809	0.01293809
CO2	Agriculture	USA	United States	3.21812845	3.21812845
CO2	Agriculture	UZB	Uzbekistan	2.37679276	2.37679276
CO2	Agriculture	VEN	Venezuela	0.09496666	0.09496666
CO2	Agriculture	VNM	Viet Nam	0.22471426	0.22471426
CO2	Agriculture	ZAF	South Africa	0.15541428	0.15541428
CO2	Agriculture	ZMB	Zambia	0.03457143	0.03457143
CO2	Agriculture	ZWE	Zimbabwe	0.22	0.22
CO2	Buildings	ABW	Aruba	0.00536854	0.00615285
CO2	Buildings	AFG	Afghanistan	0.79530371	0.79530371
CO2	Buildings	AGO	Angola	0.12018615	0.12018615
CO2	Buildings	AIA	Anguilla	1.0636E-05	1.0666E-05
CO2	Buildings	ALB	Albania	0.99279409	0.99279409
CO2	Buildings	ANT	Curaçao	0.37750047	0.37750047
CO2	Buildings	ARE	United Arab Emirates		
CO2	Buildings	ARG	Argentina	12.1121994	12.1121994
CO2	Buildings	ARM	Armenia	3.40625142	3.40625142
CO2	Buildings	ATG	Antigua and Barbuda	0.02210573	0.02208715
CO2	Buildings	AUS	Australia	10.5099132	10.9731995
CO2	Buildings	AUT	Austria	14.8299197	13.6660732
CO2	Buildings	AZE	Azerbaijan	3.56445279	3.56445279
CO2	Buildings	BDI	Burundi	0.02030808	0.02030808
CO2	Buildings	BEL	Belgium	35.1798015	32.4823669
CO2	Buildings	BEN	Benin	0.0409399	0.0409399
CO2	Buildings	BFA	Burkina Faso	0.08703464	0.08703464
CO2	Buildings	BGD	Bangladesh	0.87021339	0.87021339
CO2	Buildings	BGR	Bulgaria	25.6684506	25.6684506
CO2	Buildings	BHR	Bahrain	0.04625063	0.04625063
CO2	Buildings	BHS	Bahamas	0.22105733	0.22087147
CO2	Buildings	BIH	Bosnia and Herzegovina	1.4638809	1.4638809
CO2	Buildings	BLR	Belarus	14.3192431	14.3192431
CO2	Buildings	BLZ	Belize	0.01263185	0.01262123
CO2	Buildings	BMU	Bermuda	0.03000064	0.02997541
CO2	Buildings	BOL	Bolivia	0.37344038	0.37344038
CO2	Buildings	BRA	Brazil	7.88897524	7.88897524
CO2	Buildings	BRB	Barbados	0.06177265	0.06172818
CO2	Buildings	BRN	Brunei	0.01807222	0.01807222
CO2	Buildings	BTN	Bhutan	0.00097852	0.00097852
CO2	Buildings	BWA	Botswana	0.02510186	0.02510186
CO2	Buildings	CAF	Central African Republic	0.02901155	0.02901155
CO2	Buildings	CAN	Canada	98.3905608	98.6893591
CO2	Buildings	CHE	Switzerland and Liechtenstein	17.8806591	18.7583129
CO2	Buildings	CHL	Chile	2.62736393	2.62736393
CO2	Buildings	CHN	China	218.887261	218.887261
CO2	Buildings	CIV	Côte d'Ivoire	0.28170959	0.28170959
CO2	Buildings	CMR	Cameroon	0.05635676	0.05635676
CO2	Buildings	COD	Democratic Republic of Congo	1.07428122	1.07428122
CO2	Buildings	COG	Congo	0.04077504	0.04077504
CO2	Buildings	COK	Cook Islands	0.00967135	0.00967135



CO2	Buildings	COL	Colombia	5.17449584	5.17449584
CO2	Buildings	COM	Comoros	0.00870346	0.00870346
CO2	Buildings	CPV	Cabo Verde	0.06092425	0.06092425
CO2	Buildings	CRI	Costa Rica	0.08404114	0.08404114
CO2	Buildings	CUB	Cuba	3.10507507	3.10507507
CO2	Buildings	CYM	Cayman Islands	0.00552643	0.0059162
CO2	Buildings	CYP	Cyprus	0.11294616	0.11294616
CO2	Buildings	CZE	Czechia	42.0359419	42.0359419
CO2	Buildings	DEU	Germany	268.38064	255.710517
CO2	Buildings	DJI	Djibouti	0.29011548	0.29011548
CO2	Buildings	DMA	Dominica	0.00157898	0.00157765
CO2	Buildings	DNK	Denmark	24.8021449	23.1084891
CO2	Buildings	DOM	Dominican Republic	0.19086117	0.19086117
CO2	Buildings	DZA	Algeria	1.81140133	1.81140133
CO2	Buildings	ECU	Ecuador	0.44764602	0.44764602
CO2	Buildings	EGY	Egypt	4.44024915	4.44024915
CO2	Buildings	ERI	Eritrea	0.00132599	0.00132599
CO2	Buildings	ESH	Western Sahara	0.03495248	0.03495248
CO2	Buildings	ESP	Spain and Andorra	15.2071632	16.8813178
CO2	Buildings	EST	Estonia	1.55086911	1.55086911
CO2	Buildings	ETH	Ethiopia	0.08439519	0.08439519
CO2	Buildings	FIN	Finland	11.7071221	11.5953053
CO2	Buildings	FJI	Fiji	0.3435889	0.3435889
CO2	Buildings	FLK	Falkland Islands	0.00063159	0.00063106
CO2	Buildings	FRA	France and Monaco	105.67823	118.255416
CO2	Buildings	GAB	Gabon		
CO2	Buildings	GBR	United Kingdom	122.815437	115.588526
CO2	Buildings	GEO	Georgia	2.59517387	2.59517387
CO2	Buildings	GHA	Ghana	0.38281555	0.38281555
CO2	Buildings	GIN	Guinea	0.16246467	0.16246467
CO2	Buildings	GLP	Guadeloupe	0.02763217	0.02760893
CO2	Buildings	GMB	The Gambia	0.0319127	0.0319127
CO2	Buildings	GNB	Guinea-Bissau	0.01740693	0.01740693
CO2	Buildings	GNQ	Equatorial Guinea	0.01889541	0.01889541
CO2	Buildings	GRC	Greece	4.52613405	5.25434882
CO2	Buildings	GRD	Grenada	0.00236847	0.00236648
CO2	Buildings	GRL	Greenland		
CO2	Buildings	GTM	Guatemala	0.21892546	0.21892546
CO2	Buildings	GUF	French Guiana	0.01973726	0.01972067
CO2	Buildings	GUY	Guyana	0.10599643	0.10599643
CO2	Buildings	HKG	Hong Kong	0.9820517	0.9820517
CO2	Buildings	HND	Honduras	0.17656306	0.17656306
CO2	Buildings	HRV	Croatia	2.10554559	2.10554559
CO2	Buildings	HTI	Haiti	0.02199851	0.02199851
CO2	Buildings	HUN	Hungary	16.0268895	15.710121
CO2	Buildings	IDN	Indonesia	6.56190461	6.56190461
CO2	Buildings	IND	India	34.4966784	34.4966784
CO2	Buildings	IRL	Ireland	6.39994588	6.53236688
CO2	Buildings	IRN	Iran	11.9672491	11.9672491
CO2	Buildings	IRQ	Iraq	2.16919811	2.16919811
CO2	Buildings	ISL	Iceland	0.79874266	0.78951133

CO2	Buildings	ISR	Israel and Palestine, Sta	1.68890789	1.68890789
CO2	Buildings	ITA	Italy, San Marino and the	66.9595568	72.5904218
CO2	Buildings	JAM	Jamaica	0.29434124	0.29434124
CO2	Buildings	JOR	Jordan	0.36300534	0.36300534
CO2	Buildings	JPN	Japan	94.1187246	101.796018
CO2	Buildings	KAZ	Kazakhstan	10.7605498	10.7605498
CO2	Buildings	KEN	Kenya	0.62299123	0.62299123
CO2	Buildings	KGZ	Kyrgyzstan	2.72496584	2.72496584
CO2	Buildings	KHM	Cambodia	0.09187783	0.09187783
CO2	Buildings	KIR	Kiribati	0.00967135	0.00967135
CO2	Buildings	KNA	Saint Kitts and Nevis	0.00315796	0.00315531
CO2	Buildings	KOR	South Korea	20.9272134	20.9272134
CO2	Buildings	KWT	Kuwait	3.37121648	3.37121648
CO2	Buildings	LAO	Laos	0.14507026	0.14507026
CO2	Buildings	LBN	Lebanon	1.0257156	1.0257156
CO2	Buildings	LBR	Liberia	0.37715013	0.37715013
CO2	Buildings	LBY	Libya	0.36646682	0.36646682
CO2	Buildings	LCA	Saint Lucia	0.00631592	0.00631061
CO2	Buildings	LKA	Sri Lanka	0.8502894	0.8502894
CO2	Buildings	LSO	Lesotho	0.02901155	0.02901155
CO2	Buildings	LTU	Lithuania	5.45081581	5.45081581
CO2	Buildings	LUX	Luxembourg	1.32949371	1.28648542
CO2	Buildings	LVA	Latvia	2.64659942	2.64659942
CO2	Buildings	MAC	Macao	0.15474161	0.15474161
CO2	Buildings	MAR	Morocco	1.11458731	1.11458731
CO2	Buildings	MDA	Moldova	10.1419573	10.1419573
CO2	Buildings	MDG	Madagascar	0.02648219	0.02648219
CO2	Buildings	MDV	Maldives	0.00483568	0.00483568
CO2	Buildings	MEX	Mexico	12.1633044	12.1633044
CO2	Buildings	MKD	North Macedonia	0.18516208	0.18516208
CO2	Buildings	MLI	Mali	0.08703464	0.08703464
CO2	Buildings	MLT	Malta	0.1010806	0.1010806
CO2	Buildings	MMR	Myanmar/Burma	0.91895125	0.91895125
CO2	Buildings	MNG	Mongolia	0.66116537	0.66116537
CO2	Buildings	MOZ	Mozambique	0.56414823	0.56414823
CO2	Buildings	MRT	Mauritania	0.1218485	0.1218485
CO2	Buildings	MTQ	Martinique	0.03552707	0.0354972
CO2	Buildings	MUS	Mauritius	0.04713302	0.04713302
CO2	Buildings	MWI	Malawi	0.08703464	0.08703464
CO2	Buildings	MYS	Malaysia	0.40867669	0.40867669
CO2	Buildings	NAM	Namibia	0.29011548	0.29011548
CO2	Buildings	NCL	New Caledonia	0.48560175	0.48560175
CO2	Buildings	NER	Niger	0.00629844	0.00629844
CO2	Buildings	NGA	Nigeria	0.89922226	0.89922226
CO2	Buildings	NIC	Nicaragua	0.19137571	0.19137571
CO2	Buildings	NLD	Netherlands	40.0065014	40.2204963
CO2	Buildings	NOR	Norway	7.46259724	7.01989774
CO2	Buildings	NPL	Nepal	0.0696387	0.0696387
CO2	Buildings	NZL	New Zealand	2.8730307	2.53119363
CO2	Buildings	OMN	Oman	0.13154973	0.13154973
CO2	Buildings	PAK	Pakistan	4.40768891	4.40768891

CO2	Buildings	PAN	Panama	0.1066826	0.1066826
CO2	Buildings	PER	Peru	3.80015068	3.80015068
CO2	Buildings	PHL	Philippines	3.10515379	3.10515379
CO2	Buildings	PLW	Palau	0.67409285	0.67409285
CO2	Buildings	PNG	Papua New Guinea	0.58028103	0.58028103
CO2	Buildings	POL	Poland	61.11256	59.3385855
CO2	Buildings	PRI	Puerto Rico	1.95558485	1.95963171
CO2	Buildings	PRK	North Korea	11.9059453	11.9059453
CO2	Buildings	PRT	Portugal	2.81465129	2.55583029
CO2	Buildings	PRY	Paraguay	0.03522664	0.03522664
CO2	Buildings	PYF	French Polynesia	0.07253513	0.07253513
CO2	Buildings	QAT	Qatar	0.01259688	0.01259688
CO2	Buildings	REU	Réunion	0.12474966	0.12474966
CO2	Buildings	ROU	Romania	18.644401	18.644401
CO2	Buildings	RUS	Russia	267.146975	267.146975
CO2	Buildings	RWA	Rwanda	0.01879189	0.01879189
CO2	Buildings	SAU	Saudi Arabia	0.57106239	0.57106239
CO2	Buildings	SCG	Serbia and Montenegro	3.79548611	3.79548611
CO2	Buildings	SDN	Sudan and South Sudan	0.31426333	0.31426333
CO2	Buildings	SEN	Senegal	0.0722643	0.0722643
CO2	Buildings	SGP	Singapore	0.32652743	0.32652743
CO2	Buildings	SHN	Saint Helena, Ascension	2.3246E-05	2.3246E-05
CO2	Buildings	SLB	Solomon Islands	0.03384973	0.03384973
CO2	Buildings	SLE	Sierra Leone	0.14505774	0.14505774
CO2	Buildings	SLV	El Salvador	0.14949253	0.14949253
CO2	Buildings	SOM	Somalia	0.22919123	0.22919123
CO2	Buildings	SPM	Saint Pierre and Miquelc	0.0078949	0.00788827
CO2	Buildings	STP	São Tomé and Príncipe	0.00580231	0.00580231
CO2	Buildings	SUR	Suriname	0.11052867	0.11043573
CO2	Buildings	SVK	Slovakia	7.46546819	7.46546819
CO2	Buildings	SVN	Slovenia	0.86331567	0.86331567
CO2	Buildings	SWE	Sweden	36.6955724	35.1055822
CO2	Buildings	SWZ	Eswatini	0.04047419	0.04047419
CO2	Buildings	SYC	Seychelles	0.04351732	0.04351732
CO2	Buildings	SYR	Syria	1.10978122	1.10978122
CO2	Buildings	TCA	Turks and Caicos Island:	0.00070217	0.00070158
CO2	Buildings	TCD	Chad	0.0580231	0.0580231
CO2	Buildings	TGO	Togo	0.05668596	0.05668596
CO2	Buildings	THA	Thailand	3.14818456	3.14818456
CO2	Buildings	TJK	Tajikistan	6.70248807	6.70248807
CO2	Buildings	TKM	Turkmenistan	11.8028424	11.8028424
CO2	Buildings	TLS	Timor-Leste		
CO2	Buildings	TON	Tonga	0.00967135	0.00967135
CO2	Buildings	TTO	Trinidad and Tobago	0.13924605	0.13924605
CO2	Buildings	TUN	Tunisia	0.83144574	0.83144574
CO2	Buildings	TUR	Türkiye	10.8520057	12.1525068
CO2	Buildings	TWN	Taiwan	3.97164038	3.97164038
CO2	Buildings	TZA	Tanzania	0.19123489	0.19123489
CO2	Buildings	UGA	Uganda		
CO2	Buildings	UKR	Ukraine	59.6233938	59.6233938
CO2	Buildings	URY	Uruguay	1.00361407	1.00361407

CO2	Buildings	USA	United States	883.656642	895.528183
CO2	Buildings	UZB	Uzbekistan	24.2901236	24.2901236
CO2	Buildings	VCT	Saint Vincent and the Grenadines	0.00236847	0.00236648
CO2	Buildings	VEN	Venezuela	2.87963139	2.87963139
CO2	Buildings	VGB	British Virgin Islands	0.00157898	0.00157765
CO2	Buildings	VNM	Viet Nam	11.7449807	11.7449807
CO2	Buildings	VUT	Vanuatu	0.0386854	0.0386854
CO2	Buildings	WSM	Samoa	0.03384973	0.03384973
CO2	Buildings	YEM	Yemen	0.17287792	0.17287792
CO2	Buildings	ZAF	South Africa	17.1588064	17.1588064
CO2	Buildings	ZMB	Zambia	0.26735951	0.26735951
CO2	Buildings	ZWE	Zimbabwe	1.1174274	1.1174274
CO2	Fuel Exploitation	ABW	Aruba	2.0095E-08	2.3031E-08
CO2	Fuel Exploitation	AFG	Afghanistan	0.33800078	0.34630358
CO2	Fuel Exploitation	AGO	Angola	7.15591502	6.70133672
CO2	Fuel Exploitation	AIA	Anguilla	0	0
CO2	Fuel Exploitation	ALB	Albania	0.44886591	0.45716871
CO2	Fuel Exploitation	ANT	Curaçao	7.43646398	7.43646398
CO2	Fuel Exploitation	ARE	United Arab Emirates	16.390562	22.3199393
CO2	Fuel Exploitation	ARG	Argentina	11.3080613	11.3181032
CO2	Fuel Exploitation	ARM	Armenia	0.06997994	0.06997994
CO2	Fuel Exploitation	ATG	Antigua and Barbuda	8.2745E-08	8.2676E-08
CO2	Fuel Exploitation	AUS	Australia	11.5606352	11.6485078
CO2	Fuel Exploitation	AUT	Austria	3.26607605	3.48263237
CO2	Fuel Exploitation	AZE	Azerbaijan	1.94618571	1.94618571
CO2	Fuel Exploitation	BDI	Burundi	0.00090409	0.00090409
CO2	Fuel Exploitation	BEL	Belgium	7.31277379	4.13761433
CO2	Fuel Exploitation	BEN	Benin		
CO2	Fuel Exploitation	BFA	Burkina Faso	0.00387469	0.00387469
CO2	Fuel Exploitation	BGD	Bangladesh	0.12734137	0.12734137
CO2	Fuel Exploitation	BGR	Bulgaria	1.59575611	1.59575611
CO2	Fuel Exploitation	BHR	Bahrain	1.98494061	1.98494061
CO2	Fuel Exploitation	BHS	Bahamas	8.2745E-07	8.2676E-07
CO2	Fuel Exploitation	BIH	Bosnia and Herzegovina	0.0993424	0.0993424
CO2	Fuel Exploitation	BLR	Belarus	3.38826866	3.38826866
CO2	Fuel Exploitation	BLZ	Belize	4.7283E-08	4.7243E-08
CO2	Fuel Exploitation	BMU	Bermuda	1.123E-07	1.122E-07
CO2	Fuel Exploitation	BOL	Bolivia	0.93218259	1.67427339
CO2	Fuel Exploitation	BRA	Brazil	9.76802429	9.37797905
CO2	Fuel Exploitation	BRB	Barbados	5.0913E-07	5.0896E-07
CO2	Fuel Exploitation	BRN	Brunei	1.60336134	1.44869364
CO2	Fuel Exploitation	BTN	Bhutan	1.9595E-08	1.9595E-08
CO2	Fuel Exploitation	BWA	Botswana		
CO2	Fuel Exploitation	CAF	Central African Republic	0.00129156	0.00129156
CO2	Fuel Exploitation	CAN	Canada	37.3902779	38.0377613
CO2	Fuel Exploitation	CHE	Switzerland and Liechtenstein	0.7153215	0.77082703
CO2	Fuel Exploitation	CHL	Chile	7.29397123	9.72231583
CO2	Fuel Exploitation	CHN	China	49.7929503	49.7851447
CO2	Fuel Exploitation	CIV	Côte d'Ivoire	0.06227337	0.06227337
CO2	Fuel Exploitation	CMR	Cameroon		
CO2	Fuel Exploitation	COD	Democratic Republic of the Congo	0.05730027	0.05728887

CO2	Fuel Exploitation	COG	Congo	1.1777193	1.4353305
CO2	Fuel Exploitation	COK	Cook Islands	6.955E-11	6.955E-11
CO2	Fuel Exploitation	COL	Colombia	5.31405278	5.5671148
CO2	Fuel Exploitation	COM	Comoros	0.00038747	0.00038747
CO2	Fuel Exploitation	CPV	Cabo Verde	0.00271228	0.00271228
CO2	Fuel Exploitation	CRI	Costa Rica	0.0904273	0.0904273
CO2	Fuel Exploitation	CUB	Cuba	0.20987467	0.20987467
CO2	Fuel Exploitation	CYM	Cayman Islands	2.0686E-08	2.2145E-08
CO2	Fuel Exploitation	CYP	Cyprus		
CO2	Fuel Exploitation	CZE	Czechia	28.034169	28.034169
CO2	Fuel Exploitation	DEU	Germany	80.7994461	76.6187561
CO2	Fuel Exploitation	DJI	Djibouti	0.01291562	0.01291562
CO2	Fuel Exploitation	DMA	Dominica	5.9104E-09	5.9054E-09
CO2	Fuel Exploitation	DNK	Denmark	0.09570723	0.1441386
CO2	Fuel Exploitation	DOM	Dominican Republic		
CO2	Fuel Exploitation	DZA	Algeria	11.6057444	14.8614518
CO2	Fuel Exploitation	ECU	Ecuador	1.37132213	0.82984493
CO2	Fuel Exploitation	EGY	Egypt	2.90034107	2.50001147
CO2	Fuel Exploitation	ERI	Eritrea	0.04072754	0.04072754
CO2	Fuel Exploitation	ESP	Spain and Andorra	7.04687632	8.37624059
CO2	Fuel Exploitation	EST	Estonia	0.96359309	0.96359309
CO2	Fuel Exploitation	ETH	Ethiopia	0.06101516	0.06101516
CO2	Fuel Exploitation	FIN	Finland	1.34055061	1.34614223
CO2	Fuel Exploitation	FJI	Fiji	2.469E-09	2.469E-09
CO2	Fuel Exploitation	FLK	Falkland Islands	2.3642E-09	2.3622E-09
CO2	Fuel Exploitation	FRA	France and Monaco	34.138433	38.5099017
CO2	Fuel Exploitation	GAB	Gabon	0.11293191	0.61620501
CO2	Fuel Exploitation	GBR	United Kingdom	66.3852141	61.2072652
CO2	Fuel Exploitation	GEO	Georgia	0.00377106	0.00377106
CO2	Fuel Exploitation	GHA	Ghana	0.04710038	0.04710038
CO2	Fuel Exploitation	GIN	Guinea	0.00723275	0.00723275
CO2	Fuel Exploitation	GLP	Guadeloupe	1.0343E-07	1.0334E-07
CO2	Fuel Exploitation	GMB	The Gambia	0.00142072	0.00142072
CO2	Fuel Exploitation	GNB	Guinea-Bissau	0.00077494	0.00077494
CO2	Fuel Exploitation	GNQ	Equatorial Guinea		
CO2	Fuel Exploitation	GRC	Greece	0.86787118	0.868104
CO2	Fuel Exploitation	GRD	Grenada	8.8656E-09	8.8581E-09
CO2	Fuel Exploitation	GRL	Greenland		
CO2	Fuel Exploitation	GTM	Guatemala	0.10932988	0.10932988
CO2	Fuel Exploitation	GUF	French Guiana	7.388E-08	7.3818E-08
CO2	Fuel Exploitation	GUY	Guyana		
CO2	Fuel Exploitation	HKG	Hong Kong	0.03491646	0.03491646
CO2	Fuel Exploitation	HND	Honduras	0.0757418	0.0757418
CO2	Fuel Exploitation	HRV	Croatia	2.14701437	2.18869665
CO2	Fuel Exploitation	HTI	Haiti	0.00320852	0.00320852
CO2	Fuel Exploitation	HUN	Hungary	2.91666931	3.34231237
CO2	Fuel Exploitation	IDN	Indonesia	6.38185618	6.74784837
CO2	Fuel Exploitation	IND	India	20.201931	20.3131752
CO2	Fuel Exploitation	IRL	Ireland	0.31252501	0.36919714
CO2	Fuel Exploitation	IRN	Iran	44.3601869	49.9756286
CO2	Fuel Exploitation	IRQ	Iraq	12.6815063	16.4885084

CO2	Fuel Exploitation	ISR	Israel and Palestine, Sta	0.57798271	0.57798271
CO2	Fuel Exploitation	ITA	Italy, San Marino and the	23.085796	23.5946308
CO2	Fuel Exploitation	JAM	Jamaica	0.06372426	0.06372426
CO2	Fuel Exploitation	JOR	Jordan	1.28378267	1.28378267
CO2	Fuel Exploitation	JPN	Japan	53.8487895	55.930639
CO2	Fuel Exploitation	KAZ	Kazakhstan	3.27434737	3.27256122
CO2	Fuel Exploitation	KEN	Kenya	0.19470468	0.19470468
CO2	Fuel Exploitation	KGZ	Kyrgyzstan	0.0063255	0.0063255
CO2	Fuel Exploitation	KHM	Cambodia	6.6072E-10	6.6072E-10
CO2	Fuel Exploitation	KIR	Kiribati	6.955E-11	6.955E-11
CO2	Fuel Exploitation	KNA	Saint Kitts and Nevis	1.1821E-08	1.1811E-08
CO2	Fuel Exploitation	KOR	South Korea	4.74121634	4.74121634
CO2	Fuel Exploitation	KWT	Kuwait	27.1494487	29.3093548
CO2	Fuel Exploitation	LAO	Laos	1.0432E-09	1.0432E-09
CO2	Fuel Exploitation	LBN	Lebanon	0.32670754	0.32670754
CO2	Fuel Exploitation	LBR	Liberia	0.0167903	0.0167903
CO2	Fuel Exploitation	LBY	Libya	37.0353716	25.1348225
CO2	Fuel Exploitation	LCA	Saint Lucia	2.3642E-08	2.3622E-08
CO2	Fuel Exploitation	LKA	Sri Lanka	0.1888217	0.1888217
CO2	Fuel Exploitation	LSO	Lesotho	0.00129156	0.00129156
CO2	Fuel Exploitation	LTU	Lithuania	1.09329398	1.09329398
CO2	Fuel Exploitation	LUX	Luxembourg	1.30690408	1.14866372
CO2	Fuel Exploitation	LVA	Latvia	0.03283509	0.03283509
CO2	Fuel Exploitation	MAC	Macao	1.1128E-09	1.1128E-09
CO2	Fuel Exploitation	MAR	Morocco	0.10319752	0.10319752
CO2	Fuel Exploitation	MDA	Moldova	0.02733678	0.02733678
CO2	Fuel Exploitation	MDG	Madagascar	5.3345E-07	5.3345E-07
CO2	Fuel Exploitation	MDV	Maldives	3.4775E-11	3.4775E-11
CO2	Fuel Exploitation	MEX	Mexico	22.8883843	23.4887287
CO2	Fuel Exploitation	MKD	North Macedonia	0.01464057	0.01463781
CO2	Fuel Exploitation	MLI	Mali	0.00387469	0.00387469
CO2	Fuel Exploitation	MLT	Malta		
CO2	Fuel Exploitation	MMR	Myanmar/Burma	0.16216731	0.16216534
CO2	Fuel Exploitation	MNG	Mongolia	0.003066	0.003066
CO2	Fuel Exploitation	MOZ	Mozambique	0.10575793	0.10575793
CO2	Fuel Exploitation	MRT	Mauritania	0.00542456	0.00542456
CO2	Fuel Exploitation	MTQ	Martinique	1.3298E-07	1.3287E-07
CO2	Fuel Exploitation	MWI	Malawi	0.00387469	0.00387469
CO2	Fuel Exploitation	MYS	Malaysia	0.43544168	0.75240668
CO2	Fuel Exploitation	NAM	Namibia	0.01291562	0.01291562
CO2	Fuel Exploitation	NCL	New Caledonia	3.4775E-09	3.4775E-09
CO2	Fuel Exploitation	NER	Niger		
CO2	Fuel Exploitation	NGA	Nigeria	22.9926578	36.5406395
CO2	Fuel Exploitation	NIC	Nicaragua	0.0605255	0.0605255
CO2	Fuel Exploitation	NLD	Netherlands	12.9204631	13.0868667
CO2	Fuel Exploitation	NOR	Norway	0.40145865	0.76621994
CO2	Fuel Exploitation	NPL	Nepal		
CO2	Fuel Exploitation	NZL	New Zealand	0.45932192	0.39576993
CO2	Fuel Exploitation	OMN	Oman	7.06159488	7.06159488
CO2	Fuel Exploitation	PAK	Pakistan	0.32100329	0.32100329
CO2	Fuel Exploitation	PAN	Panama	0.38528957	0.38528957

CO2	Fuel Exploitation	PER	Peru	1.95061108	1.77086668
CO2	Fuel Exploitation	PHL	Philippines	1.26596303	1.26596303
CO2	Fuel Exploitation	PLW	Palau	0.00412643	0.00412643
CO2	Fuel Exploitation	PNG	Papua New Guinea	2.5668E-06	2.5668E-06
CO2	Fuel Exploitation	POL	Poland	16.0371798	17.3439295
CO2	Fuel Exploitation	PRI	Puerto Rico	0.00021816	0.00021817
CO2	Fuel Exploitation	PRK	North Korea	1.71269002	1.71269002
CO2	Fuel Exploitation	PRT	Portugal	1.20142864	1.30804839
CO2	Fuel Exploitation	PRY	Paraguay	0.02223197	0.02223197
CO2	Fuel Exploitation	PYF	French Polynesia	5.2162E-10	5.2162E-10
CO2	Fuel Exploitation	QAT	Qatar	12.2263346	15.8248691
CO2	Fuel Exploitation	REU	Réunion	0.00555372	0.00555372
CO2	Fuel Exploitation	ROU	Romania	4.48580729	4.48513705
CO2	Fuel Exploitation	RUS	Russia	92.0094105	92.0084854
CO2	Fuel Exploitation	RWA	Rwanda		
CO2	Fuel Exploitation	SAU	Saudi Arabia	38.4406096	49.5238378
CO2	Fuel Exploitation	SCG	Serbia and Montenegro	0.39939973	0.39939973
CO2	Fuel Exploitation	SDN	Sudan and South Sudan	0.01108292	0.01108292
CO2	Fuel Exploitation	SEN	Senegal	0.05639124	0.05639124
CO2	Fuel Exploitation	SGP	Singapore	1.60530189	1.60530189
CO2	Fuel Exploitation	SHN	Saint Helena, Ascension and Tristan da Cunha		
CO2	Fuel Exploitation	SLB	Solomon Islands	2.4342E-10	2.4342E-10
CO2	Fuel Exploitation	SLE	Sierra Leone	0.00645781	0.00645781
CO2	Fuel Exploitation	SLV	El Salvador	0.06956196	0.06956196
CO2	Fuel Exploitation	SOM	Somalia	0.01020361	0.01020361
CO2	Fuel Exploitation	SPM	Saint Pierre and Miquelon	2.9552E-08	2.9527E-08
CO2	Fuel Exploitation	STP	São Tomé and Príncipe	0.00025831	0.00025831
CO2	Fuel Exploitation	SUR	Suriname	6.494E-07	6.4905E-07
CO2	Fuel Exploitation	SVK	Slovakia	3.48217703	3.48217703
CO2	Fuel Exploitation	SVN	Slovenia	2.92960728	2.92960728
CO2	Fuel Exploitation	SWE	Sweden	3.36035392	3.20347682
CO2	Fuel Exploitation	SWZ	Eswatini		
CO2	Fuel Exploitation	SYC	Seychelles	0.00193734	0.00193734
CO2	Fuel Exploitation	SYR	Syria	0.5932678	0.6424114
CO2	Fuel Exploitation	TCA	Turks and Caicos Islands	2.6283E-09	2.6261E-09
CO2	Fuel Exploitation	TCD	Chad	0.00258312	0.00258312
CO2	Fuel Exploitation	TGO	Togo		
CO2	Fuel Exploitation	THA	Thailand	0.1940749	0.1940749
CO2	Fuel Exploitation	TJK	Tajikistan	0.001774	0.001774
CO2	Fuel Exploitation	TKM	Turkmenistan	1.22920738	1.22920738
CO2	Fuel Exploitation	TLS	Timor-Leste		
CO2	Fuel Exploitation	TON	Tonga	6.955E-11	6.955E-11
CO2	Fuel Exploitation	TTO	Trinidad and Tobago	4.50685533	4.47459783
CO2	Fuel Exploitation	TUN	Tunisia	0.20378564	0.20378564
CO2	Fuel Exploitation	TUR	Türkiye	2.94679786	2.61773244
CO2	Fuel Exploitation	TWN	Taiwan	1.45867469	1.45867469
CO2	Fuel Exploitation	TZA	Tanzania	0.05264139	0.05264139
CO2	Fuel Exploitation	UKR	Ukraine	28.4918703	28.4918703
CO2	Fuel Exploitation	URY	Uruguay	0.28406586	0.28406586
CO2	Fuel Exploitation	USA	United States	353.974171	330.112607
CO2	Fuel Exploitation	UZB	Uzbekistan	1.74652266	1.74652266

CO2	Fuel Exploitation	VCT	Saint Vincent and the Grenadines	8.8656E-09	8.8581E-09
CO2	Fuel Exploitation	VEN	Venezuela	28.22276	26.8345655
CO2	Fuel Exploitation	VGB	British Virgin Islands	5.9104E-09	5.9054E-09
CO2	Fuel Exploitation	VNM	Viet Nam	0.02763191	0.02763191
CO2	Fuel Exploitation	VUT	Vanuatu	2.782E-10	2.782E-10
CO2	Fuel Exploitation	WSM	Samoa	2.4342E-10	2.4342E-10
CO2	Fuel Exploitation	YEM	Yemen	0.18046852	0.18046852
CO2	Fuel Exploitation	ZAF	South Africa	12.5444023	12.5385236
CO2	Fuel Exploitation	ZMB	Zambia	0.00056006	0.00056006
CO2	Fuel Exploitation	ZWE	Zimbabwe	0.71482643	0.71421741
CO2	Industrial Combustion	ABW	Aruba	0.00019309	0.0002213
CO2	Industrial Combustion	AFG	Afghanistan	0.10166592	0.10166592
CO2	Industrial Combustion	AGO	Angola	0.25896512	0.25896512
CO2	Industrial Combustion	AIA	Anguilla	0.00010899	0.00010899
CO2	Industrial Combustion	ALB	Albania	1.37264263	1.37264263
CO2	Industrial Combustion	ANT	Curaçao	4.63921664	4.63921664
CO2	Industrial Combustion	ARE	United Arab Emirates	1.90761318	1.90761318
CO2	Industrial Combustion	ARG	Argentina	17.1944943	17.1944943
CO2	Industrial Combustion	ARM	Armenia	2.67937555	2.67937555
CO2	Industrial Combustion	ATG	Antigua and Barbuda	0.00079506	0.00079439
CO2	Industrial Combustion	AUS	Australia	43.633923	44.882715
CO2	Industrial Combustion	AUT	Austria	13.40355	13.5447507
CO2	Industrial Combustion	AZE	Azerbaijan	8.06534844	8.06534844
CO2	Industrial Combustion	BDI	Burundi	0.02163856	0.02163856
CO2	Industrial Combustion	BEL	Belgium	47.6014238	40.9155697
CO2	Industrial Combustion	BEN	Benin	0.01244578	0.01244578
CO2	Industrial Combustion	BFA	Burkina Faso	0.09273669	0.09273669
CO2	Industrial Combustion	BGD	Bangladesh	0.95473596	0.95473596
CO2	Industrial Combustion	BGR	Bulgaria	9.61972801	9.61972801
CO2	Industrial Combustion	BHR	Bahrain	0.42265177	0.42265177
CO2	Industrial Combustion	BHS	Bahamas	0.00795063	0.00794395
CO2	Industrial Combustion	BIH	Bosnia and Herzegovina	4.9413995	4.9413995
CO2	Industrial Combustion	BLR	Belarus	7.63046026	7.63046026
CO2	Industrial Combustion	BLZ	Belize	0.00045432	0.00045394
CO2	Industrial Combustion	BMU	Bermuda	0.00107901	0.00107811
CO2	Industrial Combustion	BOL	Bolivia	0.42123097	0.42123097
CO2	Industrial Combustion	BRA	Brazil	24.5359057	24.5359057
CO2	Industrial Combustion	BRB	Barbados	0.00190247	0.00190087
CO2	Industrial Combustion	BRN	Brunei	0.06737926	0.06737926
CO2	Industrial Combustion	BTN	Bhutan	0.00064572	0.00064572
CO2	Industrial Combustion	BWA	Botswana	0.01594569	0.01594569
CO2	Industrial Combustion	CAF	Central African Republic	0.03091223	0.03091223
CO2	Industrial Combustion	CAN	Canada	78.2714503	77.2232965
CO2	Industrial Combustion	CHE	Switzerland and Liechtenstein	9.30326273	8.94637484
CO2	Industrial Combustion	CHL	Chile	6.06517644	6.06517644
CO2	Industrial Combustion	CHN	China	380.301533	380.301533
CO2	Industrial Combustion	CIV	Côte d'Ivoire	0.70431109	0.70431109
CO2	Industrial Combustion	CMR	Cameroon	0.08089857	0.08089857
CO2	Industrial Combustion	COD	Democratic Republic of the Congo	1.01502662	1.01502662
CO2	Industrial Combustion	COG	Congo	0.14312813	0.14312813
CO2	Industrial Combustion	COK	Cook Islands	0.00042163	0.00042163



CO2	Industrial Combustion	COL	Colombia	5.44242211	5.44242211
CO2	Industrial Combustion	COM	Comoros	0.00927367	0.00927367
CO2	Industrial Combustion	CPV	Cabo Verde	0.06491568	0.06491568
CO2	Industrial Combustion	CRI	Costa Rica	0.33625406	0.33625406
CO2	Industrial Combustion	CUB	Cuba	9.03046295	9.03046295
CO2	Industrial Combustion	CYM	Cayman Islands	0.00019877	0.00021278
CO2	Industrial Combustion	CYP	Cyprus	0.38985088	0.38985088
CO2	Industrial Combustion	CZE	Czechia	70.6276122	70.6276122
CO2	Industrial Combustion	DEU	Germany	252.868726	241.754439
CO2	Industrial Combustion	DJI	Djibouti	0.3091223	0.3091223
CO2	Industrial Combustion	DMA	Dominica	5.679E-05	5.6742E-05
CO2	Industrial Combustion	DNK	Denmark	10.9801496	9.84115291
CO2	Industrial Combustion	DOM	Dominican Republic	0.66397898	0.66397898
CO2	Industrial Combustion	DZA	Algeria	1.05631288	1.05631288
CO2	Industrial Combustion	ECU	Ecuador	0.47631195	0.47631195
CO2	Industrial Combustion	EGY	Egypt	8.42308421	8.42308421
CO2	Industrial Combustion	ERI	Eritrea	0.03203314	0.03203314
CO2	Industrial Combustion	ESH	Western Sahara	0.0333418	0.0333418
CO2	Industrial Combustion	ESP	Spain and Andorra	57.6113517	48.0230752
CO2	Industrial Combustion	EST	Estonia	3.67303765	3.67303765
CO2	Industrial Combustion	ETH	Ethiopia	0.24177089	0.24177089
CO2	Industrial Combustion	FIN	Finland	11.2094165	10.8307472
CO2	Industrial Combustion	FJI	Fiji	0.02853946	0.02853946
CO2	Industrial Combustion	FLK	Falkland Islands	2.2716E-05	2.2697E-05
CO2	Industrial Combustion	FRA	France and Monaco	153.413948	134.583313
CO2	Industrial Combustion	GAB	Gabon	0.39515801	0.39515801
CO2	Industrial Combustion	GBR	United Kingdom	166.386093	156.396915
CO2	Industrial Combustion	GEO	Georgia	5.79109647	5.79109647
CO2	Industrial Combustion	GHA	Ghana	0.40818039	0.40818039
CO2	Industrial Combustion	GIN	Guinea	0.17310849	0.17310849
CO2	Industrial Combustion	GLP	Guadeloupe	0.00099383	0.00099299
CO2	Industrial Combustion	GMB	The Gambia	0.03400345	0.03400345
CO2	Industrial Combustion	GNB	Guinea-Bissau	0.01854734	0.01854734
CO2	Industrial Combustion	GNQ	Equatorial Guinea		
CO2	Industrial Combustion	GRC	Greece	8.63415004	6.20322072
CO2	Industrial Combustion	GRD	Grenada	8.5185E-05	8.5114E-05
CO2	Industrial Combustion	GRL	Greenland		
CO2	Industrial Combustion	GTM	Guatemala	0.86946306	0.86946306
CO2	Industrial Combustion	GUF	French Guiana	0.00070988	0.00070928
CO2	Industrial Combustion	GUY	Guyana	0.68582145	0.68582145
CO2	Industrial Combustion	HKG	Hong Kong	2.53972813	2.53972813
CO2	Industrial Combustion	HND	Honduras	0.28313881	0.28313881
CO2	Industrial Combustion	HRV	Croatia	4.83398952	4.83398952
CO2	Industrial Combustion	HTI	Haiti	0.15070976	0.15070976
CO2	Industrial Combustion	HUN	Hungary	14.943801	15.9979088
CO2	Industrial Combustion	IDN	Indonesia	4.9213026	4.9213026
CO2	Industrial Combustion	IND	India	63.6449893	63.6449893
CO2	Industrial Combustion	IRL	Ireland	4.4863442	5.35384139
CO2	Industrial Combustion	IRN	Iran	8.92346738	8.92346738
CO2	Industrial Combustion	IRQ	Iraq	1.47290218	1.47290218
CO2	Industrial Combustion	ISL	Iceland	0.20044925	0.27475323

CO2	Industrial Combustion	ISR	Israel and Palestine, Sta	2.41968016	2.41968016
CO2	Industrial Combustion	ITA	Italy, San Marino and the	91.5665237	92.8572036
CO2	Industrial Combustion	JAM	Jamaica	4.47926376	4.47926376
CO2	Industrial Combustion	JOR	Jordan	0.14915103	0.14915103
CO2	Industrial Combustion	JPN	Japan	260.174327	262.255427
CO2	Industrial Combustion	KAZ	Kazakhstan	81.269469	81.269469
CO2	Industrial Combustion	KEN	Kenya	0.61460467	0.61460467
CO2	Industrial Combustion	KGZ	Kyrgyzstan	8.21798108	8.21798108
CO2	Industrial Combustion	KHM	Cambodia	0.00400549	0.00400549
CO2	Industrial Combustion	KIR	Kiribati	0.00042163	0.00042163
CO2	Industrial Combustion	KNA	Saint Kitts and Nevis	0.00011358	0.00011348
CO2	Industrial Combustion	KOR	South Korea	15.7284327	15.7284327
CO2	Industrial Combustion	KWT	Kuwait	2.68970885	2.68970885
CO2	Industrial Combustion	LAO	Laos	0.00632446	0.00632446
CO2	Industrial Combustion	LBN	Lebanon	1.45526697	1.45526697
CO2	Industrial Combustion	LBR	Liberia	0.40185898	0.40185898
CO2	Industrial Combustion	LBY	Libya	0.64601957	0.64601957
CO2	Industrial Combustion	LCA	Saint Lucia	0.00022716	0.00022697
CO2	Industrial Combustion	LKA	Sri Lanka	0.3016254	0.3016254
CO2	Industrial Combustion	LSO	Lesotho	0.03091223	0.03091223
CO2	Industrial Combustion	LTU	Lithuania	5.37172147	5.37172147
CO2	Industrial Combustion	LUX	Luxembourg	11.9616636	11.1205592
CO2	Industrial Combustion	LVA	Latvia	2.12913718	2.12913718
CO2	Industrial Combustion	MAC	Macao	0.0067461	0.0067461
CO2	Industrial Combustion	MAR	Morocco	2.17973029	2.17973029
CO2	Industrial Combustion	MDA	Moldova	1.32639807	1.32639807
CO2	Industrial Combustion	MDG	Madagascar		
CO2	Industrial Combustion	MDV	Maldives	0.00021082	0.00021082
CO2	Industrial Combustion	MEX	Mexico	27.6392173	27.6392173
CO2	Industrial Combustion	MKD	North Macedonia	1.43509981	1.43509981
CO2	Industrial Combustion	MLI	Mali	0.09273669	0.09273669
CO2	Industrial Combustion	MLT	Malta		
CO2	Industrial Combustion	MMR	Myanmar/Burma	1.62235206	1.62235206
CO2	Industrial Combustion	MNG	Mongolia	4.31398926	4.31398926
CO2	Industrial Combustion	MOZ	Mozambique	1.4801939	1.4801939
CO2	Industrial Combustion	MRT	Mauritania	0.1364431	0.1364431
CO2	Industrial Combustion	MTQ	Martinique	0.00127778	0.00127671
CO2	Industrial Combustion	MUS	Mauritius	0.03160005	0.03160005
CO2	Industrial Combustion	MWI	Malawi	0.18066819	0.18066819
CO2	Industrial Combustion	MYS	Malaysia	19.1979078	19.1979078
CO2	Industrial Combustion	NAM	Namibia	0.3091223	0.3091223
CO2	Industrial Combustion	NCL	New Caledonia	0.12894126	0.12894126
CO2	Industrial Combustion	NER	Niger	0.01565445	0.01565445
CO2	Industrial Combustion	NGA	Nigeria	0.86204194	0.86204194
CO2	Industrial Combustion	NIC	Nicaragua	0.17233345	0.17233345
CO2	Industrial Combustion	NLD	Netherlands	28.4666901	27.6861546
CO2	Industrial Combustion	NOR	Norway	8.92159024	8.5317265
CO2	Industrial Combustion	NPL	Nepal	0.02851717	0.02851717
CO2	Industrial Combustion	NZL	New Zealand	4.47052648	4.49266166
CO2	Industrial Combustion	OMN	Oman	0.01889532	0.01889532
CO2	Industrial Combustion	PAK	Pakistan	5.08113467	5.08113467

CO2	Industrial Combustion	PAN	Panama	0.27610964	0.27610964
CO2	Industrial Combustion	PER	Peru	3.90026943	3.90026943
CO2	Industrial Combustion	PHL	Philippines	4.94203139	4.94203139
CO2	Industrial Combustion	PLW	Palau	0.17169928	0.17169928
CO2	Industrial Combustion	PNG	Papua New Guinea	0.02529786	0.02529786
CO2	Industrial Combustion	POL	Poland	49.5158289	50.6676644
CO2	Industrial Combustion	PRI	Puerto Rico	4.01200495	2.58302449
CO2	Industrial Combustion	PRK	North Korea	47.9221602	47.9221602
CO2	Industrial Combustion	PRT	Portugal	4.4915909	4.70834864
CO2	Industrial Combustion	PRY	Paraguay	0.06669171	0.06669171
CO2	Industrial Combustion	PYF	French Polynesia	0.00316223	0.00316223
CO2	Industrial Combustion	QAT	Qatar	0.8164233	0.8164233
CO2	Industrial Combustion	REU	Réunion	0.13292259	0.13292259
CO2	Industrial Combustion	ROU	Romania	42.5814597	42.5814597
CO2	Industrial Combustion	RUS	Russia	174.191083	174.191083
CO2	Industrial Combustion	RWA	Rwanda	0.018681	0.018681
CO2	Industrial Combustion	SAU	Saudi Arabia	1.96645536	1.96645536
CO2	Industrial Combustion	SCG	Serbia and Montenegro	9.4037514	9.4037514
CO2	Industrial Combustion	SDN	Sudan and South Sudan	0.58848486	0.58848486
CO2	Industrial Combustion	SEN	Senegal	0.31958943	0.31958943
CO2	Industrial Combustion	SGP	Singapore	0.41584638	0.41584638
CO2	Industrial Combustion	SHN	Saint Helena, Ascension	0.00117339	0.00117339
CO2	Industrial Combustion	SLB	Solomon Islands	0.00147571	0.00147571
CO2	Industrial Combustion	SLE	Sierra Leone	0.15456115	0.15456115
CO2	Industrial Combustion	SLV	El Salvador	0.34123485	0.34123485
CO2	Industrial Combustion	SOM	Somalia	0.24420661	0.24420661
CO2	Industrial Combustion	SPM	Saint Pierre and Miquelc	0.00028395	0.00028371
CO2	Industrial Combustion	STP	São Tomé and Príncipe	0.00618245	0.00618245
CO2	Industrial Combustion	SUR	Suriname	0.00397532	0.00397197
CO2	Industrial Combustion	SVK	Slovakia	17.0765748	17.0765748
CO2	Industrial Combustion	SVN	Slovenia	2.8684619	2.8684619
CO2	Industrial Combustion	SWE	Sweden	23.8869953	22.2480266
CO2	Industrial Combustion	SWZ	Eswatini	0.0440185	0.0440185
CO2	Industrial Combustion	SYC	Seychelles	0.04636834	0.04636834
CO2	Industrial Combustion	SYR	Syria	1.63018452	1.63018452
CO2	Industrial Combustion	TCA	Turks and Caicos Island:	2.5255E-05	2.5233E-05
CO2	Industrial Combustion	TCD	Chad	0.06182446	0.06182446
CO2	Industrial Combustion	TGO	Togo		
CO2	Industrial Combustion	THA	Thailand	4.39359397	4.39359397
CO2	Industrial Combustion	TJK	Tajikistan		
CO2	Industrial Combustion	TKM	Turkmenistan	0.31509824	0.31509824
CO2	Industrial Combustion	TLS	Timor-Leste		
CO2	Industrial Combustion	TON	Tonga	0.00042163	0.00042163
CO2	Industrial Combustion	TTO	Trinidad and Tobago	0.20025774	0.20025774
CO2	Industrial Combustion	TUN	Tunisia	0.98564136	0.98564136
CO2	Industrial Combustion	TUR	Türkiye	6.99239566	8.23711713
CO2	Industrial Combustion	TWN	Taiwan	12.349964	12.349964
CO2	Industrial Combustion	TZA	Tanzania	0.23657886	0.23657886
CO2	Industrial Combustion	UGA	Uganda	0.43704132	0.43704132
CO2	Industrial Combustion	UKR	Ukraine	127.754936	127.754936
CO2	Industrial Combustion	URY	Uruguay	1.22336441	1.22336441

CO2	Industrial Combustion	USA	United States	1104.10939	891.74639
CO2	Industrial Combustion	UZB	Uzbekistan	0.45818156	0.45818156
CO2	Industrial Combustion	VCT	Saint Vincent and the Grenadines	8.5185E-05	8.5114E-05
CO2	Industrial Combustion	VEN	Venezuela	7.24736213	7.24736213
CO2	Industrial Combustion	VGB	British Virgin Islands	5.679E-05	5.6742E-05
CO2	Industrial Combustion	VNM	Viet Nam	0.00286	0.00286
CO2	Industrial Combustion	VUT	Vanuatu	0.00168652	0.00168652
CO2	Industrial Combustion	WSM	Samoa	0.00147571	0.00147571
CO2	Industrial Combustion	YEM	Yemen		
CO2	Industrial Combustion	ZAF	South Africa	44.1011059	44.1011059
CO2	Industrial Combustion	ZMB	Zambia	2.11310452	2.11310452
CO2	Industrial Combustion	ZWE	Zimbabwe	2.69079907	2.69079907
CO2	Power Industry	ABW	Aruba	0.01734371	0.01987752
CO2	Power Industry	AFG	Afghanistan	0.05719284	0.05719284
CO2	Power Industry	AGO	Angola	0.13758429	0.13758429
CO2	Power Industry	AIA	Anguilla	0.00042995	0.00042995
CO2	Power Industry	ALB	Albania	0.69830745	0.69830745
CO2	Power Industry	ANT	Curaçao	0.55695514	0.55695514
CO2	Power Industry	ARE	United Arab Emirates	0.14985432	0.14985432
CO2	Power Industry	ARG	Argentina	19.2905592	19.2905592
CO2	Power Industry	ARM	Armenia	2.42231892	2.42231892
CO2	Power Industry	ATG	Antigua and Barbuda	0.07141526	0.07135521
CO2	Power Industry	AUS	Australia	53.3187858	52.5406584
CO2	Power Industry	AUT	Austria	7.91673505	10.3671097
CO2	Power Industry	AZE	Azerbaijan	7.42557431	7.42557431
CO2	Power Industry	BDI	Burundi	0.00022601	0.00022601
CO2	Power Industry	BEL	Belgium	27.0655579	29.3009153
CO2	Power Industry	BEN	Benin		
CO2	Power Industry	BFA	Burkina Faso	0.00096861	0.00096861
CO2	Power Industry	BGD	Bangladesh	0.67388783	0.67388783
CO2	Power Industry	BGR	Bulgaria	21.2097843	21.2097843
CO2	Power Industry	BHR	Bahrain	0.30430327	0.30430327
CO2	Power Industry	BHS	Bahamas	0.71415259	0.71355212
CO2	Power Industry	BIH	Bosnia and Herzegovina	2.76273034	2.76273034
CO2	Power Industry	BLR	Belarus	23.3679125	23.3679125
CO2	Power Industry	BLZ	Belize	0.04080872	0.04077441
CO2	Power Industry	BMU	Bermuda	0.09692071	0.09683922
CO2	Power Industry	BOL	Bolivia	0.21803156	0.21803156
CO2	Power Industry	BRA	Brazil	7.46168786	7.46168786
CO2	Power Industry	BRB	Barbados	0.17088651	0.17074283
CO2	Power Industry	BRN	Brunei	0.23187779	0.23187779
CO2	Power Industry	BTN	Bhutan	0.00016341	0.00016341
CO2	Power Industry	BWA	Botswana	0.04443409	0.04443409
CO2	Power Industry	CAF	Central African Republic	0.00032287	0.00032287
CO2	Power Industry	CAN	Canada	45.1197666	49.4615704
CO2	Power Industry	CHE	Switzerland and Liechtenstein	0.95862942	1.27120194
CO2	Power Industry	CHL	Chile	3.81125262	3.81125262
CO2	Power Industry	CHN	China	129.827203	129.827203
CO2	Power Industry	CIV	Côte d'Ivoire	0.47478307	0.47478307
CO2	Power Industry	CMR	Cameroon	0.03208522	0.03208522
CO2	Power Industry	COD	Democratic Republic of the Congo	0.02800317	0.02800317

CO2	Power Industry	COG	Congo	0.04274347	0.04274347
CO2	Power Industry	COK	Cook Islands	0.00163408	0.00163408
CO2	Power Industry	COL	Colombia	3.5563489	3.5563489
CO2	Power Industry	COM	Comoros	9.6861E-05	9.6861E-05
CO2	Power Industry	CPV	Cabo Verde	0.00067803	0.00067803
CO2	Power Industry	CRI	Costa Rica	0.08595071	0.08595071
CO2	Power Industry	CUB	Cuba	4.37358447	4.37358447
CO2	Power Industry	CYM	Cayman Islands	0.01785381	0.019113
CO2	Power Industry	CYP	Cyprus	0.64087199	0.64087199
CO2	Power Industry	CZE	Czechia	33.9352851	33.9352851
CO2	Power Industry	DEU	Germany	322.597106	337.991241
CO2	Power Industry	DJI	Djibouti	0.00322871	0.00322871
CO2	Power Industry	DMA	Dominica	0.00510109	0.0050968
CO2	Power Industry	DNK	Denmark	16.6373264	14.943529
CO2	Power Industry	DOM	Dominican Republic	1.21337445	1.21337445
CO2	Power Industry	DZA	Algeria	1.64611679	1.64611679
CO2	Power Industry	ECU	Ecuador	0.57843233	0.57843233
CO2	Power Industry	EGY	Egypt	2.4899705	2.4899705
CO2	Power Industry	ERI	Eritrea	0.18356079	0.18356079
CO2	Power Industry	ESH	Western Sahara	0.00049458	0.00049458
CO2	Power Industry	ESP	Spain and Andorra	22.6961246	23.3716099
CO2	Power Industry	EST	Estonia	12.1305818	12.1305818
CO2	Power Industry	ETH	Ethiopia	0.11688196	0.11688196
CO2	Power Industry	FIN	Finland	8.44267887	8.16130848
CO2	Power Industry	FJI	Fiji	0.05800988	0.05800988
CO2	Power Industry	FLK	Falkland Islands	0.00204044	0.00203872
CO2	Power Industry	FRA	France and Monaco	76.1673136	86.0834274
CO2	Power Industry	GAB	Gabon	0.08021335	0.08021335
CO2	Power Industry	GBR	United Kingdom	222.165377	237.52262
CO2	Power Industry	GEO	Georgia	7.10980874	7.10980874
CO2	Power Industry	GHA	Ghana	0.03529373	0.03529373
CO2	Power Industry	GIB	Gibraltar	0.03423824	0.03423824
CO2	Power Industry	GIN	Guinea	0.00180808	0.00180808
CO2	Power Industry	GLP	Guadeloupe	0.08926907	0.08919401
CO2	Power Industry	GMB	The Gambia	0.00035516	0.00035516
CO2	Power Industry	GNB	Guinea-Bissau	0.00019372	0.00019372
CO2	Power Industry	GNQ	Equatorial Guinea	0.00962557	0.00962557
CO2	Power Industry	GRC	Greece	6.06847815	8.03377849
CO2	Power Industry	GRD	Grenada	0.00765163	0.0076452
CO2	Power Industry	GRL	Greenland		
CO2	Power Industry	GTM	Guatemala	0.38746746	0.38746746
CO2	Power Industry	GUF	French Guiana	0.06376362	0.06371001
CO2	Power Industry	GUY	Guyana	0.52349593	0.52349593
CO2	Power Industry	HKG	Hong Kong	4.42151007	4.42151007
CO2	Power Industry	HND	Honduras	0.13475822	0.13475822
CO2	Power Industry	HRV	Croatia	1.20377696	1.20377696
CO2	Power Industry	HTI	Haiti	0.05765648	0.05765648
CO2	Power Industry	HUN	Hungary	20.6149393	20.7761215
CO2	Power Industry	IDN	Indonesia	3.64671049	3.64671049
CO2	Power Industry	IND	India	32.8632018	32.8632018
CO2	Power Industry	IRL	Ireland	6.03600491	6.91327846

CO2	Power Industry	IRN	Iran	4.92491059	4.92491059
CO2	Power Industry	IRQ	Iraq	3.6283263	3.6283263
CO2	Power Industry	ISL	Iceland	0.02841009	0.03156649
CO2	Power Industry	ISR	Israel and Palestine, Sta	5.98959521	5.98959521
CO2	Power Industry	ITA	Italy, San Marino and the	51.6228323	57.9611688
CO2	Power Industry	JAM	Jamaica	1.54191192	1.54191192
CO2	Power Industry	JOR	Jordan	0.2195502	0.2195502
CO2	Power Industry	JPN	Japan	265.643426	243.672349
CO2	Power Industry	KAZ	Kazakhstan	69.6109171	69.6109171
CO2	Power Industry	KEN	Kenya	0.25630575	0.25630575
CO2	Power Industry	KGZ	Kyrgyzstan	1.88254918	1.88254918
CO2	Power Industry	KHM	Cambodia	0.01552377	0.01552377
CO2	Power Industry	KIR	Kiribati	0.00163408	0.00163408
CO2	Power Industry	KNA	Saint Kitts and Nevis	0.01020218	0.0101936
CO2	Power Industry	KOR	South Korea	7.89026563	7.89026563
CO2	Power Industry	KWT	Kuwait	3.29947636	3.29947636
CO2	Power Industry	LAO	Laos	0.02451122	0.02451122
CO2	Power Industry	LBN	Lebanon	0.52272876	0.52272876
CO2	Power Industry	LBR	Liberia	0.00419732	0.00419732
CO2	Power Industry	LBY	Libya	0.54762033	0.54762033
CO2	Power Industry	LCA	Saint Lucia	0.02040436	0.0203872
CO2	Power Industry	LKA	Sri Lanka	0.06252075	0.06252075
CO2	Power Industry	LSO	Lesotho	0.00032287	0.00032287
CO2	Power Industry	LTU	Lithuania	4.61935556	4.61935556
CO2	Power Industry	LUX	Luxembourg	3.86935768	3.47347153
CO2	Power Industry	LVA	Latvia	4.17627011	4.17627011
CO2	Power Industry	MAC	Macao	0.0261453	0.0261453
CO2	Power Industry	MAR	Morocco	0.83248436	0.83248436
CO2	Power Industry	MDA	Moldova	6.37503204	6.37503204
CO2	Power Industry	MDG	Madagascar	0.2021122	0.2021122
CO2	Power Industry	MDV	Maldives	0.00081704	0.00081704
CO2	Power Industry	MEX	Mexico	12.9549475	12.9549475
CO2	Power Industry	MKD	North Macedonia	1.45846947	1.45846947
CO2	Power Industry	MLI	Mali	0.00096861	0.00096861
CO2	Power Industry	MLT	Malta	0.349848	0.349848
CO2	Power Industry	MMR	Myanmar/Burma	0.26426503	0.26426503
CO2	Power Industry	MNG	Mongolia	0.09804487	0.09804487
CO2	Power Industry	MOZ	Mozambique	0.47605644	0.47605644
CO2	Power Industry	MRT	Mauritania	0.00135606	0.00135606
CO2	Power Industry	MTQ	Martinique	0.11477452	0.11467802
CO2	Power Industry	MUS	Mauritius	0.05299221	0.05299221
CO2	Power Industry	MWI	Malawi	0.00096861	0.00096861
CO2	Power Industry	MYS	Malaysia	1.94792711	1.94792711
CO2	Power Industry	NAM	Namibia	0.00322871	0.00322871
CO2	Power Industry	NCL	New Caledonia	0.08170405	0.08170405
CO2	Power Industry	NER	Niger	0.03850236	0.03850236
CO2	Power Industry	NGA	Nigeria	0.59129274	0.59129274
CO2	Power Industry	NIC	Nicaragua	0.37172187	0.37172187
CO2	Power Industry	NLD	Netherlands	29.435844	29.5557332
CO2	Power Industry	NOR	Norway	0.31698534	0.24753882
CO2	Power Industry	NPL	Nepal	0.02887677	0.02887677

CO2	Power Industry	NZL	New Zealand	1.41570729	1.20915221
CO2	Power Industry	OMN	Oman	0.01283412	0.01283412
CO2	Power Industry	PAK	Pakistan	2.58324874	2.58324874
CO2	Power Industry	PAN	Panama	0.94490766	0.94490766
CO2	Power Industry	PER	Peru	1.41434199	1.41434199
CO2	Power Industry	PHL	Philippines	4.82509067	4.82509067
CO2	Power Industry	PLW	Palau	0.4278022	0.4278022
CO2	Power Industry	PNG	Papua New Guinea	0.09804487	0.09804487
CO2	Power Industry	POL	Poland	133.39313	141.423287
CO2	Power Industry	PRI	Puerto Rico	22.1145737	25.7256641
CO2	Power Industry	PRK	North Korea	7.77249019	7.77249019
CO2	Power Industry	PRT	Portugal	1.64219935	2.22861139
CO2	Power Industry	PRY	Paraguay	0.05400084	0.05400084
CO2	Power Industry	PYF	French Polynesia	0.01225561	0.01225561
CO2	Power Industry	QAT	Qatar	1.174963	1.174963
CO2	Power Industry	REU	Réunion	0.00138835	0.00138835
CO2	Power Industry	ROU	Romania	41.7689285	41.7689285
CO2	Power Industry	RUS	Russia	543.691807	543.691807
CO2	Power Industry	RWA	Rwanda		
CO2	Power Industry	SAU	Saudi Arabia	1.68365342	1.68365342
CO2	Power Industry	SCG	Serbia and Montenegro	11.2117312	11.2117312
CO2	Power Industry	SDN	Sudan and South Sudan	0.2440541	0.2440541
CO2	Power Industry	SEN	Senegal	0.33292836	0.33292836
CO2	Power Industry	SGP	Singapore	2.23357341	2.23357341
CO2	Power Industry	SHN	Saint Helena, Ascension	0.00051925	0.00051925
CO2	Power Industry	SLB	Solomon Islands	0.00571928	0.00571928
CO2	Power Industry	SLE	Sierra Leone	0.00161435	0.00161435
CO2	Power Industry	SLV	El Salvador	0.17735421	0.17735421
CO2	Power Industry	SOM	Somalia	0.00255068	0.00255068
CO2	Power Industry	SPM	Saint Pierre and Miquelc	0.02550545	0.025484
CO2	Power Industry	STP	São Tomé and Príncipe	6.4574E-05	6.4574E-05
CO2	Power Industry	SUR	Suriname	0.35707629	0.35677606
CO2	Power Industry	SVK	Slovakia	6.17379355	6.17379355
CO2	Power Industry	SVN	Slovenia	0.17599875	0.17599875
CO2	Power Industry	SWE	Sweden	12.9166126	9.237853
CO2	Power Industry	SWZ	Eswatini		
CO2	Power Industry	SYC	Seychelles	0.00048431	0.00048431
CO2	Power Industry	SYR	Syria	0.97670769	0.97670769
CO2	Power Industry	TCA	Turks and Caicos Island:	0.00226845	0.00226654
CO2	Power Industry	TCD	Chad	0.00064574	0.00064574
CO2	Power Industry	TGO	Togo	0.08021325	0.08021325
CO2	Power Industry	THA	Thailand	2.79674364	2.79674364
CO2	Power Industry	TJK	Tajikistan	0.49607292	0.49607292
CO2	Power Industry	TKM	Turkmenistan	3.25676407	3.25676407
CO2	Power Industry	TLS	Timor-Leste		
CO2	Power Industry	TON	Tonga	0.00163408	0.00163408
CO2	Power Industry	TTO	Trinidad and Tobago	0.83778732	0.83778732
CO2	Power Industry	TUN	Tunisia	0.85380717	0.85380717
CO2	Power Industry	TUR	Türkiye	8.2781887	9.06170099
CO2	Power Industry	TWN	Taiwan	9.74410898	9.74410898
CO2	Power Industry	TZA	Tanzania	0.21176298	0.21176298

CO2	Power Industry	UGA	Uganda		
CO2	Power Industry	UKR	Ukraine	163.202258	163.202258
CO2	Power Industry	URY	Uruguay	0.84849983	0.84849983
CO2	Power Industry	USA	United States	1082.10016	1125.49489
CO2	Power Industry	UZB	Uzbekistan	18.0752222	18.0752222
CO2	Power Industry	VCT	Saint Vincent and the Grenadines	0.00765163	0.0076452
CO2	Power Industry	VEN	Venezuela	6.41563483	6.41563483
CO2	Power Industry	VGB	British Virgin Islands	0.00510109	0.0050968
CO2	Power Industry	VNM	Viet Nam	1.9405924	1.9405924
CO2	Power Industry	VUT	Vanuatu	0.00653632	0.00653632
CO2	Power Industry	WSM	Samoa	0.00571928	0.00571928
CO2	Power Industry	YEM	Yemen	0.19047963	0.19047963
CO2	Power Industry	ZAF	South Africa	65.2549192	65.2549192
CO2	Power Industry	ZMB	Zambia	0.35631905	0.35631905
CO2	Power Industry	ZWE	Zimbabwe	1.00875953	1.00875953
CO2	Processes	ABW	Aruba	0.00051342	0.00051879
CO2	Processes	AFG	Afghanistan	0.16968426	0.1611711
CO2	Processes	AGO	Angola	0.23506238	0.27525454
CO2	Processes	AIA	Anguilla	9.615E-06	9.6874E-06
CO2	Processes	ALB	Albania	0.49253071	0.4773425
CO2	Processes	ANT	Curaçao	0.00138938	0.00140552
CO2	Processes	ARE	United Arab Emirates	0.611059	0.64671251
CO2	Processes	ARG	Argentina	3.95092558	4.26247279
CO2	Processes	ARM	Armenia	0.50358004	0.51957368
CO2	Processes	ATG	Antigua and Barbuda	0.000647	0.00064798
CO2	Processes	AUS	Australia	8.55480682	8.36946243
CO2	Processes	AUT	Austria	4.72870716	5.01098441
CO2	Processes	AZE	Azerbaijan	0.65933108	0.68212729
CO2	Processes	BDI	Burundi	0.0089074	0.00900596
CO2	Processes	BEL	Belgium	10.5123167	10.2992466
CO2	Processes	BEN	Benin	0.00653482	0.05682597
CO2	Processes	BFA	Burkina Faso	0.01472968	0.01498629
CO2	Processes	BGD	Bangladesh	0.25586758	0.26262374
CO2	Processes	BGR	Bulgaria	5.67447285	5.61182021
CO2	Processes	BHR	Bahrain	0.03988889	0.05862084
CO2	Processes	BHS	Bahamas	0.42376509	0.44714822
CO2	Processes	BIH	Bosnia and Herzegovina	0.44950607	0.48628037
CO2	Processes	BLR	Belarus	2.58491918	2.68071543
CO2	Processes	BLZ	Belize	0.00120174	0.00121226
CO2	Processes	BMU	Bermuda	0.00075598	0.00076338
CO2	Processes	BOL	Bolivia	0.07453108	0.08010503
CO2	Processes	BRA	Brazil	13.6758337	13.7055981
CO2	Processes	BRB	Barbados	0.00269098	0.00270428
CO2	Processes	BRN	Brunei	0.02255078	0.02386223
CO2	Processes	BTN	Bhutan	0.03264815	0.03465377
CO2	Processes	BWA	Botswana	0.00456859	0.00467173
CO2	Processes	CAF	Central African Republic	0.00508611	0.0051153
CO2	Processes	CAN	Canada	17.4618672	17.7823787
CO2	Processes	CHE	Switzerland and Liechtenstein	4.27767179	4.44206284
CO2	Processes	CHL	Chile	2.50592088	2.52363119
CO2	Processes	CHN	China	80.9150164	84.3620321



CO2	Processes	CIV	Côte d'Ivoire	0.20930672	0.26114967
CO2	Processes	CMR	Cameroon	0.10408426	0.16034921
CO2	Processes	COD	Democratic Republic of the Congo	0.33581343	0.36605357
CO2	Processes	COG	Congo	0.05206069	0.05678287
CO2	Processes	COK	Cook Islands	9.8845E-05	9.9104E-05
CO2	Processes	COL	Colombia	2.43800685	2.49113001
CO2	Processes	COM	Comoros	0.00071	0.000722
CO2	Processes	CPV	Cabo Verde	0.00186754	0.00187431
CO2	Processes	CRI	Costa Rica	0.10677865	0.1198655
CO2	Processes	CUB	Cuba	0.55535204	0.73293639
CO2	Processes	CYM	Cayman Islands	9.4256E-05	9.8585E-05
CO2	Processes	CYP	Cyprus	0.38095913	0.39769677
CO2	Processes	CZE	Czechia	6.5349799	6.7940311
CO2	Processes	DEU	Germany	64.1669548	63.8788525
CO2	Processes	DJI	Djibouti	0.00635698	0.00637745
CO2	Processes	DMA	Dominica	0.00028265	0.00028487
CO2	Processes	DNK	Denmark	2.14775677	2.1837755
CO2	Processes	DOM	Dominican Republic	0.26954108	0.31765555
CO2	Processes	DZA	Algeria	0.68839699	0.75312276
CO2	Processes	ECU	Ecuador	0.24737051	0.25986697
CO2	Processes	EGY	Egypt	2.3700624	2.47813581
CO2	Processes	ERI	Eritrea	0.02303656	0.0212483
CO2	Processes	ESH	Western Sahara	0.00077098	0.00077001
CO2	Processes	ESP	Spain and Andorra	15.7875661	16.0620116
CO2	Processes	EST	Estonia	0.52631811	0.55162574
CO2	Processes	ETH	Ethiopia	0.16380905	0.16756694
CO2	Processes	FIN	Finland	2.52111308	2.46524773
CO2	Processes	FJI	Fiji	0.03622356	0.04516191
CO2	Processes	FLK	Falkland Islands	2.7935E-05	2.771E-05
CO2	Processes	FRA	France and Monaco	40.3058731	39.5914435
CO2	Processes	FRO	Faroese	8.8555E-05	8.9826E-05
CO2	Processes	GAB	Gabon	0.01533908	0.02513316
CO2	Processes	GBR	United Kingdom	22.6846517	22.6069881
CO2	Processes	GEO	Georgia	3.59553703	3.31841073
CO2	Processes	GHA	Ghana	0.42950593	0.46917887
CO2	Processes	GIB	Gibraltar	0.00067835	0.00067876
CO2	Processes	GIN	Guinea	0.0644316	0.06716866
CO2	Processes	GLP	Guadeloupe	0.05800769	0.06112622
CO2	Processes	GMB	The Gambia	0.00164569	0.00167547
CO2	Processes	GNB	Guinea-Bissau	0.00186087	0.00188869
CO2	Processes	GNQ	Equatorial Guinea	0.00067185	0.00065866
CO2	Processes	GRC	Greece	3.78241505	4.17546763
CO2	Processes	GRD	Grenada	0.00032058	0.00031947
CO2	Processes	GRL	Greenland	0.00046084	0.00047053
CO2	Processes	GTM	Guatemala	0.16039812	0.15925732
CO2	Processes	GUF	French Guiana	0.00018645	0.00019056
CO2	Processes	GUY	Guyana	0.0016162	0.00163771
CO2	Processes	HKG	Hong Kong	0.25721623	0.29577355
CO2	Processes	HND	Honduras	0.08588545	0.08612432
CO2	Processes	HRV	Croatia	7.35163004	6.93865236
CO2	Processes	HTI	Haiti	0.15481338	0.15971746

CO2	Processes	HUN	Hungary	3.90773083	3.91668348
CO2	Processes	IDN	Indonesia	0.88815765	0.89477224
CO2	Processes	IND	India	16.3423153	16.7247437
CO2	Processes	IRL	Ireland	0.74498861	1.08219076
CO2	Processes	IRN	Iran	2.37363922	2.54420213
CO2	Processes	IRQ	Iraq	0.84913221	1.01917995
CO2	Processes	ISL	Iceland	0.61018531	0.62191595
CO2	Processes	ISR	Israel and Palestine, Sta	0.98568462	1.00290989
CO2	Processes	ITA	Italy, San Marino and the	34.0474775	32.9961139
CO2	Processes	JAM	Jamaica	0.37972009	0.36733059
CO2	Processes	JOR	Jordan	0.19721142	0.21785024
CO2	Processes	JPN	Japan	77.4591943	77.4730901
CO2	Processes	KAZ	Kazakhstan	13.3371933	13.08083
CO2	Processes	KEN	Kenya	0.49728355	0.49705861
CO2	Processes	KGZ	Kyrgyzstan	0.50663849	0.5274497
CO2	Processes	KHM	Cambodia	0.0337773	0.0369656
CO2	Processes	KIR	Kiribati	0.00017502	0.00017701
CO2	Processes	KNA	Saint Kitts and Nevis	0.00016591	0.00016452
CO2	Processes	KOR	South Korea	5.70360178	6.35530492
CO2	Processes	KWT	Kuwait	0.18498452	0.3871887
CO2	Processes	LAO	Laos	0.00697506	0.00713394
CO2	Processes	LBN	Lebanon	0.76501222	0.8374371
CO2	Processes	LBR	Liberia	0.05479579	0.04922527
CO2	Processes	LBY	Libya	0.28267665	0.27190781
CO2	Processes	LCA	Saint Lucia	0.00041278	0.00041759
CO2	Processes	LKA	Sri Lanka	0.18869736	0.21890285
CO2	Processes	LSO	Lesotho	0.00310621	0.00315739
CO2	Processes	LTU	Lithuania	1.27699018	1.3422255
CO2	Processes	LUX	Luxembourg	0.7220222	0.71635559
CO2	Processes	LVA	Latvia	0.75735449	0.7720809
CO2	Processes	MAC	Macao	0.00484241	0.00484622
CO2	Processes	MAR	Morocco	0.75050482	0.77408969
CO2	Processes	MDA	Moldova	0.60536347	0.62227613
CO2	Processes	MDG	Madagascar	0.05700013	0.05809106
CO2	Processes	MDV	Maldives	0.00029181	0.00029924
CO2	Processes	MEX	Mexico	13.8139075	13.6128043
CO2	Processes	MKD	North Macedonia	5.44584437	4.88072834
CO2	Processes	MLI	Mali	0.03444877	0.03314305
CO2	Processes	MLT	Malta	0.02764415	0.02764012
CO2	Processes	MMR	Myanmar/Burma	0.14064071	0.16332114
CO2	Processes	MNG	Mongolia	0.08774294	0.08683814
CO2	Processes	MOZ	Mozambique	0.22146189	0.23384112
CO2	Processes	MRT	Mauritania	0.03032228	0.03184148
CO2	Processes	MTQ	Martinique	0.04964135	0.05224591
CO2	Processes	MUS	Mauritius	0.00762798	0.00775084
CO2	Processes	MWI	Malawi	0.046111	0.04275386
CO2	Processes	MYS	Malaysia	0.65096633	0.72878269
CO2	Processes	NAM	Namibia	0.03461784	0.03497746
CO2	Processes	NCL	New Caledonia	0.00418072	0.00421993
CO2	Processes	NER	Niger	0.0276695	0.0239327
CO2	Processes	NGA	Nigeria	0.46295393	0.69681039

CO2	Processes	NIC	Nicaragua	0.10282635	0.11023115
CO2	Processes	NLD	Netherlands	6.95574252	7.11146317
CO2	Processes	NOR	Norway	12.1170353	11.2859601
CO2	Processes	NPL	Nepal	0.06396433	0.06499628
CO2	Processes	NZL	New Zealand	0.6875155	0.71616075
CO2	Processes	OMN	Oman	0.03346596	0.03396026
CO2	Processes	PAK	Pakistan	1.69131099	1.92638286
CO2	Processes	PAN	Panama	0.09659407	0.10162914
CO2	Processes	PER	Peru	0.8855277	1.027924
CO2	Processes	PHL	Philippines	2.1712867	2.42378429
CO2	Processes	PLW	Palau	0.00292	0.00292027
CO2	Processes	PNG	Papua New Guinea	0.00936397	0.00950017
CO2	Processes	POL	Poland	17.5339028	18.0196129
CO2	Processes	PRI	Puerto Rico	0.77963026	0.86410584
CO2	Processes	PRK	North Korea	4.24445997	4.58805168
CO2	Processes	PRT	Portugal	2.58267142	2.74116098
CO2	Processes	PRY	Paraguay	0.06112444	0.07195263
CO2	Processes	PYF	French Polynesia	0.00154627	0.0015817
CO2	Processes	QAT	Qatar	0.23725926	0.23432164
CO2	Processes	REU	Réunion	0.0644706	0.06756903
CO2	Processes	ROU	Romania	11.7898955	12.3872734
CO2	Processes	RUS	Russia	94.7547921	95.7385882
CO2	Processes	RWA	Rwanda	0.00852994	0.0087932
CO2	Processes	SAU	Saudi Arabia	1.16441533	1.20863479
CO2	Processes	SCG	Serbia and Montenegro	1.56472893	1.69195232
CO2	Processes	SDN	Sudan and South Sudan	0.11547317	0.12652319
CO2	Processes	SEN	Senegal	0.13036078	0.12993216
CO2	Processes	SGP	Singapore	0.46577857	0.48876268
CO2	Processes	SHN	Saint Helena, Ascension	7.3374E-06	7.4394E-06
CO2	Processes	SLB	Solomon Islands	0.00060083	0.00061464
CO2	Processes	SLE	Sierra Leone	0.00901816	0.00913348
CO2	Processes	SLV	El Salvador	0.09236269	0.10155301
CO2	Processes	SOM	Somalia	0.01412398	0.01413825
CO2	Processes	SPM	Saint Pierre and Miquelc	2.2073E-05	2.2259E-05
CO2	Processes	STP	São Tomé and Príncipe	0.00028726	0.00029133
CO2	Processes	SUR	Suriname	0.11821908	0.11896737
CO2	Processes	SVK	Slovakia	5.1922136	5.15199245
CO2	Processes	SVN	Slovenia	1.69680689	1.64227373
CO2	Processes	SWE	Sweden	5.28873402	5.2187857
CO2	Processes	SWZ	Eswatini	0.00109352	0.00113609
CO2	Processes	SYC	Seychelles	0.00109278	0.0010966
CO2	Processes	SYR	Syria	0.50176047	0.48468931
CO2	Processes	TCA	Turks and Caicos Island:	9.383E-06	9.5667E-06
CO2	Processes	TCD	Chad	0.01260301	0.01284364
CO2	Processes	TGO	Togo	0.00460102	0.02880445
CO2	Processes	THA	Thailand	1.62494459	1.7022076
CO2	Processes	TJK	Tajikistan	0.57456165	0.60805923
CO2	Processes	TKM	Turkmenistan	0.6182285	0.63920601
CO2	Processes	TLS	Timor-Leste	0.00135478	0.0013918
CO2	Processes	TON	Tonga	0.00027137	0.00027322
CO2	Processes	TTO	Trinidad and Tobago	0.47273267	0.44636247

CO2	Processes	TUN	Tunisia	0.43324407	0.44771406
CO2	Processes	TUR	Türkiye	5.37618228	5.86792992
CO2	Processes	TWN	Taiwan	5.55510824	5.72775106
CO2	Processes	TZA	Tanzania	0.1251769	0.12564779
CO2	Processes	UGA	Uganda	0.13643022	0.14306753
CO2	Processes	UKR	Ukraine	48.7144035	48.3466903
CO2	Processes	URY	Uruguay	0.3097241	0.28892496
CO2	Processes	USA	United States	128.219875	127.169141
CO2	Processes	UZB	Uzbekistan	4.48958938	4.75637287
CO2	Processes	VCT	Saint Vincent and the Gr	0.00032536	0.00032815
CO2	Processes	VEN	Venezuela	2.09335956	2.10199438
CO2	Processes	VGB	British Virgin Islands	7.3035E-05	7.4246E-05
CO2	Processes	VNM	Viet Nam	0.75193414	0.76785482
CO2	Processes	VUT	Vanuatu	0.00047727	0.00048655
CO2	Processes	WSM	Samoa	0.00057064	0.00057624
CO2	Processes	YEM	Yemen	0.42496479	0.43814951
CO2	Processes	ZAF	South Africa	17.6380181	16.5404796
CO2	Processes	ZMB	Zambia	0.2969284	0.45397134
CO2	Processes	ZWE	Zimbabwe	1.6982466	1.64613107
CO2	Transport	ABW	Aruba	0.00179503	0.00205727
CO2	Transport	AFG	Afghanistan	0.24284419	0.24284419
CO2	Transport	AGO	Angola	1.02618609	1.02618609
CO2	Transport	AIA	Anguilla	0.00161839	0.00161839
CO2	Transport	AIR	International Aviation	169.900399	169.900399
CO2	Transport	ALB	Albania	0.72604518	0.72604518
CO2	Transport	ANT	Curaçao	1.50425703	1.50425703
CO2	Transport	ARE	United Arab Emirates	0.40569306	0.40569306
CO2	Transport	ARG	Argentina	23.6034348	23.6034348
CO2	Transport	ARM	Armenia	0.96268948	0.96268948
CO2	Transport	ATG	Antigua and Barbuda	0.00739128	0.00738507
CO2	Transport	AUS	Australia	32.4797233	33.3738624
CO2	Transport	AUT	Austria	8.80551566	9.54488968
CO2	Transport	AZE	Azerbaijan	2.52323546	2.52323546
CO2	Transport	BDI	Burundi	0.00628949	0.00628949
CO2	Transport	BEL	Belgium	11.4132473	11.8307427
CO2	Transport	BEN	Benin	0.25129224	0.25129224
CO2	Transport	BFA	Burkina Faso	0.02695496	0.02695496
CO2	Transport	BGD	Bangladesh	0.24784179	0.24784179
CO2	Transport	BGR	Bulgaria	4.36832885	4.36832885
CO2	Transport	BHR	Bahrain	0.18008124	0.18008124
CO2	Transport	BHS	Bahamas	0.07391282	0.07385068
CO2	Transport	BIH	Bosnia and Herzegovina	1.81899674	1.81899674
CO2	Transport	BLR	Belarus	8.79154648	8.79154648
CO2	Transport	BLZ	Belize	0.00422359	0.00422004
CO2	Transport	BMU	Bermuda	0.01003103	0.01002259
CO2	Transport	BOL	Bolivia	1.00259326	1.00259326
CO2	Transport	BRA	Brazil	42.3801035	42.3801035
CO2	Transport	BRB	Barbados	0.01768628	0.01767141
CO2	Transport	BRN	Brunei	0.08072073	0.08072073
CO2	Transport	BTN	Bhutan	0.00069384	0.00069384
CO2	Transport	BWA	Botswana	0.06337064	0.06337064

CO2	Transport	CAF	Central African Republic	0.00898499	0.00898499
CO2	Transport	CAN	Canada	80.788943	83.8849248
CO2	Transport	CHE	Switzerland and Liechtenstein	8.29084052	9.19304656
CO2	Transport	CHL	Chile	6.02812261	6.02812261
CO2	Transport	CHN	China	45.4583118	45.4583118
CO2	Transport	CIV	Côte d'Ivoire	0.87869557	0.87869557
CO2	Transport	CMR	Cameroon	0.56466512	0.56466512
CO2	Transport	COD	Democratic Republic of the Congo	0.41602185	0.41602185
CO2	Transport	COG	Congo	0.3468207	0.3468207
CO2	Transport	COK	Cook Islands	0.00693841	0.00693841
CO2	Transport	COL	Colombia	6.75906299	6.75906299
CO2	Transport	COM	Comoros	0.0026955	0.0026955
CO2	Transport	CPV	Cabo Verde	0.01886847	0.01886847
CO2	Transport	CRI	Costa Rica	0.67654811	0.67654811
CO2	Transport	CUB	Cuba	4.15361673	4.15361673
CO2	Transport	CYM	Cayman Islands	0.00184782	0.00197814
CO2	Transport	CYP	Cyprus	0.6007865	0.6007865
CO2	Transport	CZE	Czechia	5.44869347	5.44869347
CO2	Transport	DEU	Germany	94.1322442	99.7504071
CO2	Transport	DJI	Djibouti	0.08984985	0.08984985
CO2	Transport	DMA	Dominica	0.00052795	0.0005275
CO2	Transport	DNK	Denmark	7.28195869	7.4548521
CO2	Transport	DOM	Dominican Republic	1.4174333	1.4174333
CO2	Transport	DZA	Algeria	2.66101119	2.66101119
CO2	Transport	ECU	Ecuador	1.84401894	1.84401894
CO2	Transport	EGY	Egypt	4.00038258	4.00038258
CO2	Transport	ERI	Eritrea	0.06100857	0.06100857
CO2	Transport	ESH	Western Sahara	0.01727025	0.01727025
CO2	Transport	ESP	Spain and Andorra	23.3159341	25.5158459
CO2	Transport	EST	Estonia	2.34262133	2.34262133
CO2	Transport	ETH	Ethiopia	0.48525633	0.48525633
CO2	Transport	FIN	Finland	6.02132781	6.25669028
CO2	Transport	FJI	Fiji	0.24631339	0.24631339
CO2	Transport	FLK	Falkland Islands	0.00021118	0.000211
CO2	Transport	FRA	France and Monaco	55.7277301	60.501124
CO2	Transport	GAB	Gabon		
CO2	Transport	GBR	United Kingdom	71.3481729	73.7044832
CO2	Transport	GEO	Georgia	4.83506894	4.83506894
CO2	Transport	GHA	Ghana	1.04170859	1.04170859
CO2	Transport	GIB	Gibraltar	0.0342935	0.0342935
CO2	Transport	GIN	Guinea	0.05031592	0.05031592
CO2	Transport	GLP	Guadeloupe	0.0092391	0.00923133
CO2	Transport	GMB	The Gambia	0.00988348	0.00988348
CO2	Transport	GNB	Guinea-Bissau	0.00539099	0.00539099
CO2	Transport	GNQ	Equatorial Guinea	0.0124185	0.0124185
CO2	Transport	GRC	Greece	4.50117841	4.89468382
CO2	Transport	GRD	Grenada	0.00079192	0.00079126
CO2	Transport	GRL	Greenland		
CO2	Transport	GTM	Guatemala	0.6790051	0.6790051
CO2	Transport	GUF	French Guiana	0.00659936	0.00659381
CO2	Transport	GUY	Guyana	0.18550239	0.18550239

CO2	Transport	HKG	Hong Kong	1.28761127	1.28761127
CO2	Transport	HND	Honduras	0.4529901	0.4529901
CO2	Transport	HRV	Croatia	4.13132283	4.13132283
CO2	Transport	HTI	Haiti	0.14499515	0.14499515
CO2	Transport	HUN	Hungary	6.87181096	7.18852164
CO2	Transport	IDN	Indonesia	8.10115487	8.10115487
CO2	Transport	IND	India	43.9233752	43.9233752
CO2	Transport	IRL	Ireland	2.62338123	2.83202899
CO2	Transport	IRN	Iran	7.53106071	7.53106071
CO2	Transport	IRQ	Iraq	2.46233203	2.46233203
CO2	Transport	ISL	Iceland	0.28746259	0.30586527
CO2	Transport	ISR	Israel and Palestine, Sta	3.15767947	3.15767947
CO2	Transport	ITA	Italy, San Marino and the	46.2191919	48.1678295
CO2	Transport	JAM	Jamaica	1.29047644	1.29047644
CO2	Transport	JOR	Jordan	0.52020435	0.52020435
CO2	Transport	JPN	Japan	94.5350078	102.283512
CO2	Transport	KAZ	Kazakhstan	6.72446192	6.72446192
CO2	Transport	KEN	Kenya	1.5439453	1.5439453
CO2	Transport	KGZ	Kyrgyzstan	1.95688781	1.95688781
CO2	Transport	KHM	Cambodia	0.06591485	0.06591485
CO2	Transport	KIR	Kiribati	0.00693841	0.00693841
CO2	Transport	KNA	Saint Kitts and Nevis	0.0010559	0.00105501
CO2	Transport	KOR	South Korea	6.48938254	6.48938254
CO2	Transport	KWT	Kuwait	1.93838261	1.93838261
CO2	Transport	LAO	Laos	0.10407608	0.10407608
CO2	Transport	LBN	Lebanon	1.25116982	1.25116982
CO2	Transport	LBR	Liberia	0.11680481	0.11680481
CO2	Transport	LBY	Libya	0.65824646	0.65824646
CO2	Transport	LCA	Saint Lucia	0.00211179	0.00211002
CO2	Transport	LKA	Sri Lanka	1.35463698	1.35463698
CO2	Transport	LSO	Lesotho	0.00898499	0.00898499
CO2	Transport	LTU	Lithuania	2.11375088	2.11375088
CO2	Transport	LUX	Luxembourg	0.49068156	0.53663448
CO2	Transport	LVA	Latvia	1.53990585	1.53990585
CO2	Transport	MAC	Macao	0.11101449	0.11101449
CO2	Transport	MAR	Morocco	1.74010179	1.74010179
CO2	Transport	MDA	Moldova	0.81309768	0.81309768
CO2	Transport	MDG	Madagascar	0.48281789	0.48281789
CO2	Transport	MDV	Maldives	0.0034692	0.0034692
CO2	Transport	MEX	Mexico	30.2229431	30.2229431
CO2	Transport	MKD	North Macedonia	0.54574403	0.54574403
CO2	Transport	MLI	Mali	0.02695496	0.02695496
CO2	Transport	MLT	Malta	0.20414862	0.20414862
CO2	Transport	MMR	Myanmar/Burma	1.54544354	1.54544354
CO2	Transport	MNG	Mongolia	0.41630432	0.41630432
CO2	Transport	MOZ	Mozambique	0.310464	0.310464
CO2	Transport	MRT	Mauritania	0.03773694	0.03773694
CO2	Transport	MTQ	Martinique	0.01187885	0.01186886
CO2	Transport	MUS	Mauritius	0.12974434	0.12974434
CO2	Transport	MWI	Malawi	0.02695496	0.02695496
CO2	Transport	MYS	Malaysia	4.07975022	4.07975022

CO2	Transport	NAM	Namibia	0.08984985	0.08984985
CO2	Transport	NCL	New Caledonia	0.34692027	0.34692027
CO2	Transport	NER	Niger	0.12329376	0.12329376
CO2	Transport	NGA	Nigeria	2.97698291	2.97698291
CO2	Transport	NIC	Nicaragua	0.69366068	0.69366068
CO2	Transport	NLD	Netherlands	16.3938184	17.0333296
CO2	Transport	NOR	Norway	6.73841608	6.82863704
CO2	Transport	NPL	Nepal	0.0631317	0.0631317
CO2	Transport	NZL	New Zealand	4.87538808	5.04149317
CO2	Transport	OMN	Oman	0.0931392	0.0931392
CO2	Transport	PAK	Pakistan	3.18002105	3.18002105
CO2	Transport	PAN	Panama	0.78797934	0.78797934
CO2	Transport	PER	Peru	5.26020851	5.26020851
CO2	Transport	PHL	Philippines	9.84923251	9.84923251
CO2	Transport	PLW	Palau	0.71414014	0.71414014
CO2	Transport	PNG	Papua New Guinea	0.41630432	0.41630432
CO2	Transport	POL	Poland	28.9800502	28.2311279
CO2	Transport	PRI	Puerto Rico	0.58648985	0.61826603
CO2	Transport	PRK	North Korea	1.77523537	1.77523537
CO2	Transport	PRT	Portugal	3.53985237	3.88626909
CO2	Transport	PRY	Paraguay	0.39299266	0.39299266
CO2	Transport	PYF	French Polynesia	0.05203804	0.05203804
CO2	Transport	QAT	Qatar	0.23337951	0.23337951
CO2	Transport	REU	Réunion	0.03863544	0.03863544
CO2	Transport	ROU	Romania	6.50488873	6.50488873
CO2	Transport	RUS	Russia	131.119321	131.119321
CO2	Transport	RWA	Rwanda	0.02355576	0.02355576
CO2	Transport	SAU	Saudi Arabia	3.32316223	3.32316223
CO2	Transport	SCG	Serbia and Montenegro	3.81966858	3.81966858
CO2	Transport	SDN	Sudan and South Sudan	2.05621393	2.05621393
CO2	Transport	SEA	International Shipping	353.846352	353.846352
CO2	Transport	SEN	Senegal	0.43456983	0.43456983
CO2	Transport	SGP	Singapore	1.52759142	1.52759142
CO2	Transport	SHN	Saint Helena, Ascension	0.00104675	0.00104675
CO2	Transport	SLB	Solomon Islands	0.02428442	0.02428442
CO2	Transport	SLE	Sierra Leone	0.04492493	0.04492493
CO2	Transport	SLV	El Salvador	0.56686889	0.56686889
CO2	Transport	SOM	Somalia	0.07098138	0.07098138
CO2	Transport	SPM	Saint Pierre and Miquelc	0.00263974	0.00263752
CO2	Transport	STP	São Tomé and Príncipe	0.001797	0.001797
CO2	Transport	SUR	Suriname	0.03695641	0.03692534
CO2	Transport	SVK	Slovakia	4.26583008	4.26583008
CO2	Transport	SVN	Slovenia	1.89529829	1.89529829
CO2	Transport	SWE	Sweden	13.9151227	13.8511561
CO2	Transport	SWZ	Eswatini	0.13899369	0.13899369
CO2	Transport	SYC	Seychelles	0.01347748	0.01347748
CO2	Transport	SYR	Syria	1.441065	1.441065
CO2	Transport	TCA	Turks and Caicos Island:	0.00023478	0.00023458
CO2	Transport	TCD	Chad	0.01796997	0.01796997
CO2	Transport	TGO	Togo	0.20658054	0.20658054
CO2	Transport	THA	Thailand	5.85670619	5.85670619

CO2	Transport	TJK	Tajikistan	0.23785742	0.23785742
CO2	Transport	TKM	Turkmenistan	1.34279407	1.34279407
CO2	Transport	TLS	Timor-Leste		
CO2	Transport	TON	Tonga	0.00693841	0.00693841
CO2	Transport	TTO	Trinidad and Tobago	0.72957335	0.72957335
CO2	Transport	TUN	Tunisia	0.89150487	0.89150487
CO2	Transport	TUR	Türkiye	10.2766646	11.097691
CO2	Transport	TWN	Taiwan	2.44097063	2.44097063
CO2	Transport	TZA	Tanzania	0.71080302	0.71080302
CO2	Transport	UGA	Uganda	0.36324288	0.36324288
CO2	Transport	UKR	Ukraine	47.3301801	47.3301801
CO2	Transport	URY	Uruguay	1.7355933	1.7355933
CO2	Transport	USA	United States	1039.78275	1086.6479
CO2	Transport	UZB	Uzbekistan	2.70099766	2.70099766
CO2	Transport	VCT	Saint Vincent and the Grenadines	0.00079192	0.00079126
CO2	Transport	VEN	Venezuela	11.9951198	11.9951198
CO2	Transport	VGB	British Virgin Islands	0.00052795	0.0005275
CO2	Transport	VNM	Viet Nam	2.80887037	2.80887037
CO2	Transport	VUT	Vanuatu	0.02775362	0.02775362
CO2	Transport	WSM	Samoa	0.02428442	0.02428442
CO2	Transport	YEM	Yemen	0.65872725	0.65872725
CO2	Transport	ZAF	South Africa	28.7198825	28.7198825
CO2	Transport	ZMB	Zambia	0.63117281	0.63117281
CO2	Transport	ZWE	Zimbabwe	2.07947067	2.07947067
CO2	Waste	ALB	Albania	0.00050209	0.0005282
CO2	Waste	ARG	Argentina	0.00512493	0.00523663
CO2	Waste	AUS	Australia	0.00800875	0.00817463
CO2	Waste	AUT	Austria	0.01026624	0.01036739
CO2	Waste	AZE	Azerbaijan	0.00106457	0.00106457
CO2	Waste	BEL	Belgium	0.12986305	0.1306963
CO2	Waste	BEN	Benin	0.00015966	0.00017318
CO2	Waste	BGR	Bulgaria	0.00855238	0.00877894
CO2	Waste	BHS	Bahamas	0.00030173	0.00031247
CO2	Waste	BIH	Bosnia and Herzegovina	0.00058218	0.00061937
CO2	Waste	BLR	Belarus	0.00646744	0.00671567
CO2	Waste	BOL	Bolivia	0.00053022	0.0005466
CO2	Waste	BRA	Brazil	0.08060624	0.08407945
CO2	Waste	BRN	Brunei	0.00038751	0.00040842
CO2	Waste	CAN	Canada	0.08728228	0.08876844
CO2	Waste	CHE	Switzerland and Liechtenstein	0.01334149	0.01383259
CO2	Waste	CHL	Chile	0.00231746	0.0023815
CO2	Waste	CHN	China	0.1556327	0.15953812
CO2	Waste	COG	Congo	6.4379E-07	6.4379E-07
CO2	Waste	COL	Colombia	0.00537365	0.00557918
CO2	Waste	CUB	Cuba	0.00020155	0.00020871
CO2	Waste	CZE	Czechia	0.01057048	0.01078391
CO2	Waste	DEU	Germany	0.15449988	0.15707914
CO2	Waste	DMA	Dominica	4.0549E-05	4.0549E-05
CO2	Waste	DNK	Denmark	0.00048014	0.00049577
CO2	Waste	DOM	Dominican Republic	8.8254E-05	9.3024E-05
CO2	Waste	DZA	Algeria	0.00038535	0.00039797



CO2	Waste	ECU	Ecuador	0.00091894	0.00096064
CO2	Waste	EGY	Egypt	6.9409E-05	7.1662E-05
CO2	Waste	ESP	Spain and Andorra	1.49699655	1.55156841
CO2	Waste	EST	Estonia	0.00043809	0.00045121
CO2	Waste	ETH	Ethiopia	0.00014726	0.00015496
CO2	Waste	FLK	Falkland Islands		
CO2	Waste	FRA	France and Monaco	1.22525767	1.24529987
CO2	Waste	FRO	Faroese	0.00078944	0.0008297
CO2	Waste	GAB	Gabon	2.7683E-05	3.0258E-05
CO2	Waste	GBR	United Kingdom	0.40037591	0.40976733
CO2	Waste	GIB	Gibraltar	0.00027357	0.00028265
CO2	Waste	GRC	Greece	0.00011628	0.0001179
CO2	Waste	GRL	Greenland	0.00032046	0.00033735
CO2	Waste	GUF	French Guiana	1.9362E-05	1.9362E-05
CO2	Waste	GUY	Guyana	7.2979E-05	7.4469E-05
CO2	Waste	HKG	Hong Kong	0.00377179	0.00385154
CO2	Waste	HND	Honduras	0.00878006	0.00924399
CO2	Waste	HRV	Croatia	0.00027256	0.00027757
CO2	Waste	HUN	Hungary	0.07264931	0.07338789
CO2	Waste	IDN	Indonesia	0.01975035	0.02081501
CO2	Waste	IRL	Ireland	0.02271987	0.02322352
CO2	Waste	ISL	Iceland	0.00245746	0.00251367
CO2	Waste	ITA	Italy, San Marino and the	0.39426488	0.39930987
CO2	Waste	JAM	Jamaica	0.00041384	0.00041384
CO2	Waste	JOR	Jordan	2.0202E-05	2.0202E-05
CO2	Waste	JPN	Japan	2.41864312	2.48759854
CO2	Waste	KEN	Kenya	0.00013186	0.00014341
CO2	Waste	KHM	Cambodia	0.00209507	0.00183023
CO2	Waste	KOR	South Korea	0.12815035	0.13546332
CO2	Waste	KWT	Kuwait	6.3242E-05	6.3242E-05
CO2	Waste	LAO	Laos	0.00135769	0.00143714
CO2	Waste	LBN	Lebanon	0.00013263	0.00013966
CO2	Waste	LCA	Saint Lucia	2.3852E-05	2.5045E-05
CO2	Waste	LTU	Lithuania	0.00176062	0.00182334
CO2	Waste	MAC	Macao	0.00027372	0.00027803
CO2	Waste	MDA	Moldova	0.00091485	0.00097151
CO2	Waste	MDV	Maldives	0.00023229	0.00026273
CO2	Waste	MEX	Mexico	0.00880232	0.00939458
CO2	Waste	MKD	North Macedonia	0.00723716	0.00757711
CO2	Waste	MLI	Mali	0.00088521	0.00092319
CO2	Waste	MLT	Malta	0.00015195	0.00015728
CO2	Waste	MMR	Myanmar/Burma	0.01524538	0.01576671
CO2	Waste	MNG	Mongolia	0.0002651	0.00027588
CO2	Waste	MUS	Mauritius	0.00012897	0.0001309
CO2	Waste	MYS	Malaysia	0.00999167	0.01048652
CO2	Waste	NLD	Netherlands	0.01031381	0.01031455
CO2	Waste	NOR	Norway	0.00288374	0.00297882
CO2	Waste	NZL	New Zealand	0.00162661	0.00169784
CO2	Waste	PER	Peru	0.00261385	0.00272257
CO2	Waste	PHL	Philippines	0.03150694	0.03293572
CO2	Waste	PLW	Palau		

CO2	Waste	PNG	Papua New Guinea	0.00018785	0.00020138
CO2	Waste	POL	Poland	0.18115565	0.18474366
CO2	Waste	PRK	North Korea	0.00492919	0.00511239
CO2	Waste	PRT	Portugal	0.14686125	0.14983958
CO2	Waste	PRY	Paraguay	6.2554E-05	6.4043E-05
CO2	Waste	QAT	Qatar	8.7836E-07	8.7836E-07
CO2	Waste	ROU	Romania	0.00103877	0.00106245
CO2	Waste	SCG	Serbia and Montenegro	0.00191749	0.00203733
CO2	Waste	SGP	Singapore	0.01390861	0.01416788
CO2	Waste	SPM	Saint Pierre and Miquelc	1.5509E-05	1.583E-05
CO2	Waste	SUR	Suriname	7.149E-05	7.4469E-05
CO2	Waste	SVK	Slovakia	0.00383189	0.00404165
CO2	Waste	SVN	Slovenia	0.00053411	0.00055351
CO2	Waste	SWE	Sweden	0.02949827	0.02977203
CO2	Waste	TGO	Togo	2.5751E-05	2.7039E-05
CO2	Waste	THA	Thailand	0.0036716	0.00388209
CO2	Waste	TLS	Timor-Leste	3.7636E-05	4.0424E-05
CO2	Waste	TUR	Türkiye	0.00875575	0.00931419
CO2	Waste	TWN	Taiwan	0.00179753	0.00187296
CO2	Waste	UKR	Ukraine	0.03066718	0.03135372
CO2	Waste	URY	Uruguay	0.00092937	0.00093384
CO2	Waste	USA	United States	0.00176081	0.00179728
CO2	Waste	VCT	Saint Vincent and the Gi	2.3852E-06	2.3852E-06
CO2	Waste	VEN	Venezuela	0.00471684	0.00491195
CO2	Waste	VNM	Viet Nam	0.00284919	0.00293561
CO2	Agriculture	EU27	EU27	14.752339	14.752339
CO2	Buildings	EU27	EU27	818.301761	816.939157
CO2	Fuel Exploitation	EU27	EU27	240.773307	241.685921
CO2	Industrial Combustion	EU27	EU27	944.213726	895.507549
CO2	Power Industry	EU27	EU27	873.506735	916.206938
CO2	Processes	EU27	EU27	256.945238	257.086708
CO2	Transport	EU27	EU27	363.648621	380.891708
CO2	Waste	EU27	EU27	3.9020937	3.99414576
CO2	Agriculture	GLOBAL TOTAL	GLOBAL TOTAL	50.0839411	50.0839411
CO2	Buildings	GLOBAL TOTAL	GLOBAL TOTAL	2932.18991	2945.30045
CO2	Fuel Exploitation	GLOBAL TOTAL	GLOBAL TOTAL	1355.17649	1369.08748
CO2	Industrial Combustion	GLOBAL TOTAL	GLOBAL TOTAL	3847.7271	3578.11594
CO2	Power Industry	GLOBAL TOTAL	GLOBAL TOTAL	3822.14242	3909.6238
CO2	Processes	GLOBAL TOTAL	GLOBAL TOTAL	915.906389	922.117394
CO2	Transport	GLOBAL TOTAL	GLOBAL TOTAL	2821.21358	2901.44672
CO2	Waste	GLOBAL TOTAL	GLOBAL TOTAL	7.41821489	7.61408066

1972	1973	1974	1975	1976	1977	1978	1979
0.02922857	0.02922857	0.03996666	0.04530952	0.05059999	0.06144285	0.05892856	0.05547142
0.1133	0.1133	0.11361429	0.11251429	0.12775714	0.13514285	0.16955713	0.1679857
0.10434285	0.10434285	0.08721428	0.07731428	0.07008571	0.11109999	0.11801428	0.13781427
0.0552882	0.0552882	0.05996644	0.05996644	0.06343258	0.07115166	0.07289537	0.07497931
0.31114284	0.31114284	0.31114284	0.26819046	0.24671427	0.23063332	0.26557141	0.33261902
0.00644286	0.00644286	0.00518571	0.00502857	0.00518571	0.00455714	0.00408571	0.00392857
0.04146615	0.04146615	0.04497483	0.04497483	0.04757444	0.05336375	0.05467153	0.05623448
0.04174762	0.04174762	0.03787143	0.04253333	0.03870952	0.03305238	0.03017143	0.03127143
0.20852854	0.20852854	0.13435712	0.2366571	0.26667138	0.35828565	0.36582851	0.42046183
0.9178714	0.9178714	0.93939997	0.97004283	0.92054282	0.81572855	0.82672855	0.88377139
1.14101427	1.14101427	1.14017617	1.23739522	1.46472854	1.97298089	1.97497137	2.18920945
0.61704761	0.61704761	0.65423808	0.70729998	0.71908569	0.84967139	1.03049043	1.29658565
0.01361905	0.01361905	0.00424286	0.01183809	0.02451428	0.03137619	0.03865714	0.04379047
0.05562857	0.05562857	0.04085714	0.02770952	0.02781428	0.02231428	0.03734761	0.04630475
4.638333	4.638333	4.17371404	5.68490434	5.73571386	6.83257087	7.82571347	9.80466561
0.00471428	0.00471428	0.00754286	0.0077	0.00785714	0.01335714	0.011	0.01147143
0.033	0.033	0.033	0.033	0.01634286	0.04557143	0.05185714	0.03897143
0.16201426	0.16201426	0.16028569	0.1415857	0.18904283	0.19218569	0.16719998	0.20994283
0.05342857	0.05342857	0.05342857	0.055	0.04164285	0.06914285	0.07228571	0.05971428
0.46357142	0.46357142	0.49814285	0.52642856	0.69142856	0.75114283	0.76528568	0.97428569
0.04211429	0.04211429	0.011	0.04022857	0.02828571	0.01382857	0.01052857	0.00958571
1.65886174	1.65886174	1.37251282	1.41612405	1.50133953	1.51742686	1.71020756	1.72746093
1.55791427	1.55791427	1.54345713	1.33052853	1.61149991	1.62014276	1.5267999	1.59327134
0.00785714	0.00785714	0.00392857	0.00722857	0.01084286	0.0088	0.00921905	0.00984762
0.12697143	0.12697143	0.08815714	0.12482381	0.09161429	0.12791428	0.10324285	0.11502857
0.22125714	0.22125714	0.16531429	0.1718619	0.18406667	0.17987619	0.16751429	0.16458095
0.05300952	0.05300952	0.06154761	0.02624286	0.10046665	0.11570951	0.07218094	0.0799857
0.82578568	0.82578568	0.83285711	0.75114283	0.81824282	0.86224282	0.95071424	1.35174281
1.1007857	1.1007857	0.94018569	1.12498568	1.14321425	0.99251425	1.13362853	1.18328567
0.0765972	0.0765972	0.0830785	0.0830785	0.08788055	0.0985747	0.10099046	0.10387758
0.01377619	0.01377619	0.01403809	0.02241905	0.02231428	0.01875238	0.02053333	0.02807619
2.78457141	2.78457141	2.55199999	2.89457141	3.01557141	3.10357141	3.4335714	3.81857139
1.23482857	1.23482857	1.20057143	1.38285714	1.41428571	1.49285714	1.65	1.91714286
0.47771429	0.47771429	0.43717143	0.42931429	0.50945714	0.52847143	0.63611429	0.68498571
0.07542857	0.07542857	0.07857143	0.07857143	0.11157142	0.1232	0.10371428	0.09428571
0.03889712	0.03889712	0.03930656	0.04101257	0.04319627	0.04435636	0.04640358	0.05363707
0.91818568	0.91818568	0.95857139	0.97700948	0.93044281	0.96391425	0.94332853	0.91100948
0.57823325	0.57823325	0.63202849	0.61945705	0.65748562	0.89409035	1.00880462	1.1564665
2.46195684	2.46195684	3.23593774	3.12326628	3.53335665	4.28868985	4.5382327	5.39104686
0.03362857	0.03362857	0.02074285	0.03064285	0.03394285	0.03315714	0.04258571	0.06191428
0.26923807	0.26923807	0.33549996	0.33125711	0.33780472	0.43229995	0.3120333	0.50489994
0.06332857	0.06332857	0.08642857	0.16138571	0.15855714	0.20004284	0.19705713	0.19689998
0.00722857	0.00722857	0.0088	0.00974286	0.01005714	0.00974286	0.00974286	0.00911429
0.09538571	0.09538571	0.10622857	0.11722857	0.10874286	0.10387143	0.09617143	0.08485714
1.03509995	1.03509995	1.03918566	0.99738565	0.98999994	1.18459517	1.51150467	1.52171894
0.00754286	0.00754286	0.00785714	0.0077	0.01178571	0.0088	0.01257143	0.01555714

0.55345712	0.55345712	0.43167141	0.43308569	0.47849998	0.46891427	0.44439998	0.47032855
0.07141393	0.07141393	0.07745665	0.07745665	0.08193375	0.09190423	0.09415652	0.09684827
0.01807143	0.01807143	0.01587143	0.01555714	0.02152857	0.01948571	0.03341905	0.03457143
0.15722583	0.15722583	0.17052955	0.17052955	0.1803864	0.20233754	0.2072962	0.21322241
0.41375707	0.41375707	0.54245705	0.65088561	0.45807136	0.43591422	0.49499992	0.43324279
0.0836	0.0836	0.044	0.03771429	0.0704	0.06254286	0.05908571	0.05028571
0.02540476	0.02540476	0.03053809	0.03771428	0.04525714	0.04127619	0.05028571	0.06903809
0.17317142	0.17317142	0.24545713	0.12414285	0.17002856	0.1800857	0.23854284	0.22471427
0.05759188	0.05759188	0.06246504	0.06246504	0.0660756	0.07411632	0.07593268	0.07810345
0.20978571	0.20978571	0.16264285	0.15651428	0.21104285	0.18039999	0.19485713	0.2592857
1.1997333	1.1997333	1.36017614	1.6259571	2.00226185	1.96596184	1.94223328	2.32340946
0.00907599	0.00907599	0.00917153	0.0095696	0.01007913	0.01034982	0.0108275	0.01251532
0.05735713	0.05735713	0.05987142	0.0667857	0.06741427	0.07841427	0.10669998	0.11361427
0.03645714	0.03645714	0.03918095	0.02954286	0.01173333	0.01822857	0.00502857	0.00628571
0.15190474	0.15190474	0.08999047	0.11361428	0.12807142	0.11937618	0.15373808	0.21874284
0.02954286	0.02954286	0.02514286	0.03614286	0.05657143	0.06128571	0.0363	0.07888571
0.06233333	0.06233333	0.0429	0.03561904	0.04766666	0.06861904	0.06704761	0.03719047
0.00958571	0.00958571	0.01854286	0.0231	0.01775714	0.00864286	0.00502857	0.00759524
0.00094286	0.00094286	0.00125714	0.00125714	0.00125714	0.00251429	0.00094286	0.00172857
0.02671428	0.02671428	0.02278571	0.01602857	0.02058571	0.02498571	0.02372857	0.02294285
0.09224285	0.09224285	0.05248571	0.0319	0.07165714	0.08092857	0.07888571	0.07354286
0.5833142	0.5833142	0.59923801	0.75418085	0.85014274	0.9349475	1.0333189	1.10460936
0.20239999	0.20239999	0.29123808	0.21177618	0.23293808	0.24105712	0.23670951	0.20711427
0.36959998	0.36959998	0.39411426	0.31229522	0.35619045	0.38829997	0.42072377	0.44780472
2.36803803	2.36803803	2.66650471	2.8851428	2.84590946	2.98058088	3.52010465	3.26699991
0.64271424	0.64271424	0.66769995	0.69849995	0.92054278	1.01922848	1.17699988	1.18014273
0.22125714	0.22125714	0.18888571	0.23822857	0.21418571	0.2365	0.20915714	0.21811428
			0.00031429	0.00047143	0.00047143	0.00062857	0.00094286
1.09214283	1.09214283	1.24142854	1.91557135	1.57142853	1.47714283	1.93285708	1.82914281
5.07840973	5.07840973	5.42812284	5.42812284	5.64506623	6.18250149	6.21040001	6.31116473
				0.00534286	0.00691428	0.00157143	0.00282857
0.03781664	0.03781664	0.03821471	0.03987333	0.04199637	0.04312424	0.04511459	0.05214716
0.10575713	0.10575713	0.10654284	0.17379997	0.12571426	0.05028571	0.01791428	0.05327142
0.00288095	0.00288095	0.00419048	0.00377143	0.00261905	0.00869524	0.00691428	0.0154
0.20428571	0.20428571	0.20428571	0.20585714	0.23005714	0.23005714	0.29401428	0.1826
0.22245255	0.22245255	0.19577289	0.20967594	0.2074319	0.23660168	0.26696383	0.26793903
0.00378166	0.00378166	0.00382147	0.00398733	0.00419964	0.00431242	0.00451146	0.00521472
0.0792	0.0792	0.06364286	0.08045714	0.09145714	0.06772857	0.06851429	0.08077143
0.0858	0.0858	0.07888571	0.04777143	0.088	0.09428571	0.12414286	0.15415714
0.08957143	0.08957143	0.09040952	0.13341428	0.31501905	0.25823809	0.2807619	0.2425238
0.12727805	0.12727805	0.13804773	0.13804773	0.14602709	0.16379706	0.16781121	0.17260862
0.3282737	0.3282737	0.35605071	0.35605071	0.37663094	0.422463	0.43281625	0.44518964
0.044	0.044	0.03331429	0.02702857	0.02702857	0.02137143	0.02812857	0.02702857
0.06081429	0.06081429	0.06977143	0.07165714	0.06725714	0.07228571	0.08265714	0.0792
0.71819522	0.71819522	0.49421427	0.73757616	1.02001425	0.96370473	0.98067617	1.29050947
0.74485712	0.74485712	0.81305713	0.86051426	0.80661426	0.8639714	0.8892714	0.92164283

0.03975714	0.03975714	0.05971429	0.05437143	0.04384286	0.06191429	0.04274286	0.07071428
2.07651971	2.07651971	2.24408979	2.24408979	2.36395629	2.63642068	2.68846006	2.75751001
0.01293809	0.01293809	0.0123619	0.00984762	0.02414762	0.01592381	0.01031905	0.02320476
3.21812845	3.21812845	3.01651415	3.630576	3.8147474	3.52083787	3.67949975	3.71972833
2.37679276	2.37679276	2.52378937	2.52378937	2.60417899	2.819941	2.80542685	2.83369007
0.09496666	0.09496666	0.09239999	0.12686666	0.11989999	0.16384761	0.20088094	0.16761904
0.22471426	0.22471426	0.20428569	0.37085709	0.44549994	0.51857135	0.40385709	0.31271426
0.15541428	0.15541428	0.1723857	0.19391427	0.19941428	0.22377142	0.22696665	0.20575236
0.03457143	0.03457143	0.05688571	0.0506	0.06191428	0.06709999	0.044	0.05342857
0.22	0.22	0.23571429	0.23571429	0.18857143	0.13781428	0.17191428	0.18574286
0.00746277	0.00996432	0.00951321	0.00913694	0.01047193	0.0125516	0.01470675	0.01806951
0.60694563	0.74024652	0.97263501	0.8300453	0.63346309	0.71908203	0.57961888	0.66936654
0.13858783	0.14140775	0.13130161	0.11555558	0.09250151	0.09863542	0.32953071	0.55733636
1.1545E-05	1.1586E-05	1.1093E-05	1.1797E-05	1.0956E-05	1.1225E-05	1.617E-05	1.6067E-05
1.09584468	1.30058063	1.41049954	1.75226013	1.90901019	2.02122392	2.21038428	2.68533577
0.29973571	0.314988	0.29973571	0.29992236	0.31235474	0.32396393	0.30772414	0.35693745
11.785739	14.4517049	14.8644026	15.4369726	16.986408	18.0827801	17.3564111	17.4275265
3.59389241	3.77481716	3.94777031	4.45422491	4.36182596	4.51680601	4.67909191	4.83779474
0.02374519	0.0284695	0.02466388	0.02168088	0.02290734	0.02546702	0.02782358	0.03202191
11.1135443	13.2168915	10.9426238	11.5577997	11.4085269	11.9103286	11.5886236	11.7719929
13.9270534	15.4498144	13.6920095	13.6740672	14.6957459	14.3259715	14.9644415	16.4935893
3.78667107	4.00366525	4.20722402	4.9434471	4.74165853	4.94856271	5.15844074	5.37149886
0.01921308	0.0204773	0.02208304	0.022842	0.02092879	0.02249547	0.02124385	0.02436894
35.7949496	36.8326594	33.1354435	34.5479148	32.453808	32.8127928	36.0345679	38.2238055
0.05983532	0.05983532	0.07873042	0.07873042	0.06928287	0.06928287	0.08502889	0.08502889
0.08234175	0.08775987	0.0946416	0.09789427	0.08969482	0.09640917	0.09104506	0.1044383
0.87021339	0.7360075	0.96343899	1.2197211	1.39535349	1.401539	1.47745434	1.6449406
26.2086017	28.1403232	27.1639752	29.7349928	29.5971876	29.1618831	27.0044705	29.4890387
0.04028158	0.0371325	0.04310154	0.04608632	0.04907085	0.05205563	0.05504015	0.06399398
0.23745187	0.28469496	0.24663879	0.21680883	0.22907344	0.25467019	0.27823577	0.32021914
1.51045675	1.41725344	1.87184954	1.94343662	1.94065785	2.04512648	2.1153118	1.8787951
14.9816464	15.6061089	16.2059448	17.2307719	17.5201898	17.918087	18.3666381	18.7569764
0.01356868	0.01626828	0.01409365	0.01238908	0.01308991	0.01455258	0.01589919	0.01829824
0.03222561	0.03863717	0.03347241	0.02942406	0.03108854	0.03456238	0.03776057	0.04345831
0.40460358	0.45416785	0.50323869	0.54883154	0.5819912	0.61764249	0.64401051	0.63176452
9.06464639	10.5160249	10.959763	11.5497807	12.7205303	13.3748778	14.1637341	16.0583962
0.06592513	0.07112044	0.06201414	0.05419694	0.0633649	0.0682095	0.07864495	0.09283116
0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222
0.00085413	0.00113535	0.00159945	0.00097715	0.00093369	0.00055384	0.00078097	0.00077926
0.02510186	0.03145947	0.03145947	0.03145947	0.03145947	0.03145947	0.03466798	0.03787651
0.02744725	0.02925329	0.0315472	0.03263142	0.02989827	0.03213639	0.03034835	0.03481277
105.974481	94.6747778	99.6726139	94.25396	98.5337341	96.9228151	95.4651879	92.7085978
18.8229839	21.1069134	18.2875682	17.7777174	19.7747064	19.3579916	20.209588	19.1459941
2.95872711	3.10789406	2.84212695	2.56902134	2.67152438	2.78449235	2.63389957	2.54449187
232.018429	238.010764	238.783817	277.619154	282.009409	318.616675	350.926981	358.667346
0.31042319	0.27518858	0.29449915	0.32285553	0.3804312	0.41545611	0.45648201	0.47849392
0.03431227	0.04375982	0.05635676	0.12563963	0.11602721	0.16310129	0.17254885	0.22277174
1.10879836	1.19814359	1.2144992	1.15023186	1.10894687	1.29514419	1.35177078	1.65669573
0.04392443	0.04392443	0.05005829	0.05320768	0.05950614	0.06265524	0.05950614	0.05635676
0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377	0.00767873

5.69859142	5.68143029	5.48395359	4.89557202	4.86271262	4.06514703	3.50046888	3.41141042
0.00823418	0.00877599	0.00946416	0.00978943	0.00896948	0.00964092	0.00910451	0.01044383
0.05763923	0.06143191	0.06624912	0.06852599	0.06278638	0.06748642	0.06373154	0.07310681
0.08702592	0.09001045	0.0805629	0.08354768	0.09597975	0.09879998	0.10791837	0.11670763
3.33568451	3.6575447	3.92041143	4.34121591	4.22069896	4.28040194	4.40318246	4.98208719
0.00678434	0.00864253	0.00792768	0.00735601	0.00818119	0.00955013	0.01093069	0.01315186
0.12165404	0.12436743	0.1036711	0.10039025	0.1149031	0.11471414	0.11162255	0.11761676
39.9311949	36.7003396	33.6090762	36.0083942	37.0865426	39.4851657	37.5589028	41.8311793
260.696859	274.956602	250.78946	245.258628	264.183845	259.316016	267.170774	281.842653
0.27447251	0.29253291	0.315472	0.32631425	0.29898274	0.32136391	0.30348352	0.34812765
0.00169608	0.00203354	0.00176171	0.00154863	0.00163624	0.00181907	0.0019874	0.00228728
22.9265998	23.3888053	20.1631846	19.8841937	22.336183	21.8655466	21.3187152	22.2701077
0.19638248	0.20484254	0.17444311	0.19212703	0.21363181	0.21982511	0.25011912	0.26465365
2.11046582	2.50971843	2.68487859	2.9664692	3.78749398	3.79840709	4.45593294	5.160859
0.47285301	0.53608228	1.07822999	1.23204158	1.48167933	1.52689469	1.58296652	1.7355114
5.19663115	4.816545	5.24050222	5.3083457	6.09512897	6.27346296	6.58621927	7.46680159
0.00232047	0.00265198	0.00232047	0.00132599	0.00265198	0.00265198	0.00331498	0.00033148
0.03376453	0.0343926	0.03534583	0.03802993	0.03312781	0.0333996	0.0298814	0.03300041
17.5778557	16.1108708	15.6850884	16.6306842	16.8469078	17.7925307	18.7012015	20.9160542
1.62224898	1.68946214	1.75350075	1.85812651	1.89688156	1.9380835	1.98473267	2.02464425
0.08963974	0.10185944	0.09904157	0.08439519	0.09877069	0.10839625	0.12997065	0.11670171
11.6623324	12.5198935	10.0241385	11.2449991	11.4110043	12.4215271	12.8391385	12.7656692
0.30046278	0.39888665	0.56490436	0.34070538	0.3259099	0.19219724	0.27106207	0.27285079
0.00067843	0.00081341	0.00070468	0.00061945	0.0006545	0.00072763	0.00079496	0.00091491
134.05719	150.094144	131.674346	123.61895	125.60753	123.5818	136.888391	128.984371
	0.0409399	0.04723837	0.0629844	0.05668593	0.05983532	0.05983532	0.05038746
119.51864	121.388396	120.4339	117.152291	117.285592	122.172356	122.087966	129.818805
2.74853795	2.8971952	3.03205091	3.466761	3.41232189	3.53597224	3.66228472	3.78536238
0.42360431	0.43945576	0.45796231	0.45791658	0.4674827	0.53053968	0.59661403	0.55525897
0.15370461	0.16381843	0.17666432	0.18273598	0.16743034	0.17996379	0.16995077	0.19495149
0.02968148	0.03558687	0.03082985	0.0271011	0.02863418	0.03183377	0.03477947	0.04002739
0.03019198	0.03217862	0.03470192	0.03589457	0.0328881	0.03535003	0.03338319	0.03829404
0.01646835	0.01755197	0.01892832	0.01957885	0.01793896	0.01928183	0.01820901	0.02088766
0.02519388	0.00944755	0.01259694	0.01574602	0.01574602	0.01574602	0.01889541	0.01574602
5.73653566	6.48950538	5.95385626	6.23781751	6.03200156	5.58376868	6.55438514	6.32365183
0.00254413	0.0030503	0.00264256	0.00232295	0.00245436	0.00272861	0.0029811	0.00343092
0.24390846	0.27857705	0.24617552	0.30855531	0.29892975	0.3241959	0.36810115	0.39275502
0.02120106	0.02541919	0.02202132	0.01935793	0.02045299	0.02273841	0.02484248	0.02859099
0.1218643	0.19157336	0.22638219	0.26109962	0.22000741	0.20081493	0.19766555	0.18503814
0.79556394	0.66887725	0.99634581	0.9189358	0.98017005	1.28852441	1.22531885	0.79657592
0.1829801	0.20830569	0.1924411	0.20810328	0.23022037	0.26517211	0.30033386	0.31914577
2.17253708	2.03847985	2.69233961	2.79530553	2.79130875	2.94156924	3.04251897	2.70232962
0.01884912	0.01884912	0.02199851	0.02520703	0.03134089	0.03449028	0.04078875	0.04399727
15.8028892	17.2173878	17.5922423	17.0485665	17.5995844	18.1593013	20.5988942	20.9025308
7.707128	8.52603772	9.84351337	11.3033105	12.2013258	13.5676208	14.7915154	16.6239802
33.9392145	35.0237013	33.2831436	33.6918896	36.6181645	38.279694	40.6914096	47.7956995
6.33236137	6.23042378	6.61006102	6.34466547	6.54287543	7.17100098	6.33547028	8.07953783
13.8606538	16.0355892	18.2137911	21.3100776	24.3411862	28.1164561	28.0411429	32.6419106
2.00576795	2.16987852	2.69516197	3.12916198	3.51415715	3.64245245	3.76966136	3.90533042
0.83407278	0.8723125	0.86358173	0.86666221	0.78460203	0.80656876	0.80985793	0.77417279

1.8254641	1.90722126	1.90348246	1.9380374	1.8720315	1.89067822	1.80650361	1.86049459
78.5076948	80.0685264	79.2355368	79.7429226	82.2773705	74.9764143	82.2233727	82.2741666
0.32142673	0.37141986	0.37425565	0.48571646	0.39908607	0.41202559	0.41490494	0.38727974
0.33433322	0.34046683	0.37461454	0.43047758	0.49512984	0.50159317	0.55679762	0.59376526
108.343242	123.358096	120.662611	118.389389	124.477326	126.438648	132.478501	132.108324
11.4460654	12.11597	12.726881	14.9730622	14.463663	15.0796602	15.6991794	16.3232184
0.6924769	0.7119895	0.72099745	0.74198013	0.75043286	0.78694664	0.86978469	0.96423818
2.88342735	3.03638976	3.16857411	3.5637056	3.58665314	3.69718529	3.80975132	3.91429338
0.08035569	0.10666897	0.15111908	0.0910628	0.08711486	0.05135315	0.07242586	0.07294791
0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377	0.00767873
0.00339217	0.00406707	0.00352341	0.00309727	0.00327248	0.00363815	0.0039748	0.00457456
22.5040754	27.994398	29.1765883	29.9022175	32.4852787	38.6679326	39.361338	41.047855
3.64709022	3.90360371	3.69659644	3.34273784	3.60402225	3.97339259	4.54945434	5.73442022
0.12687741	0.16842469	0.23860907	0.14378337	0.13754979	0.08108392	0.11435662	0.11518092
1.18030182	1.271536	1.52160507	1.48258705	1.23191427	0.91716074	1.10640449	1.05828797
0.35681426	0.38029278	0.4101136	0.42420852	0.38867757	0.41777309	0.39452858	0.45256595
0.44417752	0.37936512	0.42216881	0.56249709	0.54565815	0.58834481	0.7462091	0.83307046
0.00678434	0.00813414	0.00704682	0.00619454	0.00654496	0.00727629	0.00794959	0.00914912
0.85343862	0.8660355	0.67376849	0.64857473	0.62951482	0.69233463	0.76443751	0.73592994
0.02744725	0.02925329	0.0315472	0.03263142	0.02989827	0.03213639	0.03034835	0.03481277
5.69862522	5.93187644	6.15998337	6.53573026	6.62894797	6.78028034	6.95228848	7.10292968
1.47903501	1.56318086	1.41821203	1.35508623	1.49520459	1.58468636	1.6552976	1.67274964
2.77138343	2.88926308	3.00111984	3.20325011	3.25751295	3.33292176	3.41708592	3.49053702
0.1353359	0.179653	0.25451634	0.15336893	0.14671977	0.08648952	0.1219804	0.12285964
1.22544933	1.29426583	1.40680863	1.57636648	1.75646455	1.99583356	2.13355822	2.31227688
10.65212	11.1370286	11.5740728	12.4926593	12.7601836	13.0640446	13.3923435	13.6774419
0.03232589	0.01168738	0.01771634	0.02629693	0.02045323	0.02703602	0.0363557	0.03964714
0.00422925	0.00561416	0.00795364	0.00479278	0.00458499	0.0027028	0.00381189	0.00383936
13.0073956	13.7741457	14.4054504	16.9661714	17.8506967	18.0960658	19.2113285	20.4124597
0.19105332	0.17926431	0.23676486	0.2458197	0.24546822	0.25868216	0.2675597	0.23764338
0.08234175	0.08775987	0.0946416	0.09789427	0.08969482	0.09640917	0.09104506	0.1044383
0.0794387	0.1227225	0.107264	0.0947081	0.1159718	0.1227886	0.1220322	0.0846766
0.92203686	0.78015737	0.80551572	0.60802567	0.46026478	0.41922394	0.36865871	0.27766051
0.56636502	0.76267153	1.0164476	0.70724457	0.66882951	0.41870076	0.58953758	0.541608
0.58434011	0.58191386	0.68061603	0.58136753	0.64695408	0.85262114	0.68588981	0.69485527
0.11527845	0.12286382	0.13249824	0.13712433	0.1256451	0.13504519	0.12760778	0.14643067
0.03816191	0.04575455	0.03963838	0.03484428	0.03681537	0.04092914	0.04471646	0.05146379
0.04713302	0.06287912	0.0597299	0.0597299	0.06917756	0.07862522	0.09105751	0.09105751
0.08234175	0.08775987	0.0946416	0.09885648	0.09065703	0.09737138	0.09296948	0.10732493
0.51377901	0.55440505	0.85901242	1.03945986	1.01483971	1.14072985	1.24523114	1.33662356
0.27447251	0.29253291	0.315472	0.32631425	0.29898274	0.32136391	0.30348352	0.34812765
0.4244049	0.56365327	0.79692313	0.48260047	0.46148282	0.27265301	0.38451131	0.38597061
0.00629844	0.00944766	0.00629844	0.00944766	0.00944766	0.01259688	0.01259688	0.0157461
1.01795407	1.16116933	1.29584873	1.48610956	1.94338085	2.47786736	3.06624318	3.09651932
0.20062104	0.20430717	0.21681211	0.21649116	0.24799416	0.26089553	0.22012534	0.16322143
47.3596746	48.4772473	43.0770087	46.1986994	51.2411491	46.3863606	48.0614471	49.8317353
7.03032789	6.6397841	5.05394258	4.67032179	5.67663361	5.81432842	5.70282938	6.08640486
0.11057856	0.11063787	0.09168324	0.10748865	0.10754796	0.11390571	0.11374112	0.12966515
2.763554	2.6527646	2.49900011	2.81336679	2.92027405	2.89325284	2.89338499	2.70725769
0.12192414	0.10267296	0.14759238	0.27914211	0.49090509	0.28235064	0.47165391	0.5775354
4.51018638	4.74952929	4.56264661	5.25586888	4.97933067	5.12337104	5.46271644	5.72247173

0.1242612	0.11536662	0.11503744	0.12681137	0.14549613	0.14848076	0.15146539	0.15495713
3.06198908	2.81930514	3.97228743	3.48486898	3.8025436	3.574694	3.81511461	3.82385457
3.11182066	3.1633558	3.11469432	3.29998351	3.41570429	3.55311897	3.82716357	3.76783529
0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285
0.50750963	0.67369875	0.95443627	0.57513348	0.55019915	0.32433569	0.45742649	0.46072366
59.1730235	61.1975476	63.468315	68.3288158	74.8811475	73.0541146	77.6798089	77.4877141
2.02937116	2.13648822	1.86006439	1.59468117	1.70126685	1.79057762	1.83018282	1.80091967
12.2458235	12.2978809	12.6568101	12.8421073	13.9670207	14.7270793	15.420969	16.2742103
2.59754832	2.72825432	2.44109296	2.51707386	2.39837252	2.61493231	2.86350718	2.72830204
0.04126899	0.04416149	0.04101227	0.04994713	0.04994713	0.05283964	0.06441155	0.07019719
0.0634387	0.08421234	0.11930453	0.07189169	0.06877489	0.04054196	0.05717831	0.05759046
0.0157461	0.01889532	0.02519376	0.01873073	0.02768462	0.03066925	0.03365388	0.03365388
0.11802318	0.12578915	0.13565296	0.14031513	0.12856258	0.13818648	0.13049791	0.14969489
22.9731967	27.4069188	24.5733199	25.3181314	22.905716	23.317686	29.6372109	37.260851
279.081819	290.311118	301.737169	320.922053	322.167928	330.111792	339.180529	347.381885
0.01879189	0.02185771	0.02185771	0.01572608	0.02185771	0.01879189	0.02492425	0.02799006
0.66654854	0.71794561	0.76602887	0.85173818	0.92170139	0.90731603	0.99769989	1.07945904
3.91624591	3.67459246	4.85324927	5.03885709	5.03165243	5.3025141	5.48448751	4.8712574
0.20698079	0.24792061	0.10653503	0.11598268	0.10637044	0.11262429	0.09057978	0.06853526
0.0722643	0.07547283	0.07547283	0.08481521	0.09432218	0.09736612	0.10333538	0.11245386
0.25163417	0.25844292	0.25158306	0.21978761	0.21565421	0.22679969	0.27197617	0.31274914
2.7769E-05	2.7387E-05	2.5733E-05	2.6389E-05	1.2042E-05	3.4832E-05	2.5704E-05	3.9523E-05
0.02960473	0.03929909	0.05567545	0.03354945	0.03209495	0.01891958	0.02668321	0.02687555
0.13723625	0.14626646	0.157736	0.16315712	0.14949137	0.16068196	0.15174176	0.17406383
0.17768814	0.15541089	0.13636204	0.12691425	0.13885287	0.14468396	0.16284547	0.16544958
0.21683328	0.231101	0.24922288	0.25778825	0.23619637	0.25387749	0.23975198	0.27502085
0.00848042	0.01016768	0.00880853	0.00774317	0.00818119	0.00909536	0.00993699	0.0114364
0.00548945	0.00585066	0.00630944	0.00652628	0.00597965	0.00642728	0.00606967	0.00696255
0.11872593	0.14234748	0.1233194	0.10840442	0.11453672	0.12733509	0.13911788	0.16010957
7.8188091	7.90664275	8.03683591	8.34061137	8.49709165	8.50171617	9.30469485	10.0384515
0.89078352	0.83581738	1.10391292	1.14613101	1.14449225	1.20610204	1.24749344	1.10800903
35.4759702	35.2569729	28.6480699	33.0380819	36.2895754	34.5625273	28.6850843	29.7814827
0.04047419	0.04047419	0.04047419	0.04047419	0.04047419	0.04047419	0.12929242	0.12929242
0.04117088	0.04387994	0.0473208	0.04894714	0.04484741	0.04820459	0.04552253	0.05221915
1.15901661	1.0560606	0.92735775	1.33923531	1.42730691	1.68296287	1.49396837	1.8499056
0.00075425	0.00090431	0.00078343	0.00068868	0.00072763	0.00080894	0.00088379	0.00101715
0.0548945	0.05850658	0.0630944	0.06526285	0.05979655	0.06427278	0.0606967	0.06962553
0.0472383	0.03779064	0.02519376	0.02519376	0.02834298	0.03464142	0.03464142	0.03464142
3.30811805	3.79084797	5.03535259	4.65713478	4.81468851	5.05964733	5.3069889	5.79251219
7.02708452	7.33469174	7.62350812	8.19274304	8.31423386	8.51600773	8.7380708	8.93423149
12.4781076	13.129907	13.7141675	15.4589645	15.3955372	15.8994437	16.4178223	16.9102279
0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377	0.00767873
0.13626142	0.1840155	0.13924605	0.1541692	0.16610772	0.16909235	0.18103087	0.18033477
0.90082128	0.93919168	1.02732275	1.04212629	1.11800957	1.14931314	1.23271049	1.29941507
14.5889788	14.9460084	15.4073029	15.2895064	17.5714782	18.7399947	16.3161982	14.3100203
4.1152341	4.91209447	4.96633124	5.44508169	6.55221699	5.82175032	6.79194739	7.02628345
0.21013021	0.24162241	0.23515938	0.1753242	0.12178746	0.22571172	0.301293	0.25720392
				0.04359531	0.04061068	0.02817839	0.02204454
62.357172	64.9348939	67.480118	71.9448247	72.5800039	74.3372872	76.321666	78.0949445
0.95866071	0.94979575	0.93004783	0.88902619	0.90915577	0.86265542	0.93063858	0.8856954



908.507969	874.000449	839.757032	827.87925	879.464097	842.400999	839.52054	799.170459
25.7483445	27.1685715	28.5356312	33.2695343	31.8420442	33.2147728	34.6228337	36.0533854
0.00254413	0.0030503	0.00264256	0.00232295	0.00245436	0.00272861	0.0029811	0.00343092
3.02755261	3.38575509	3.33810212	3.46599609	3.6072734	3.55856914	3.80943506	3.92381566
0.00169608	0.00203354	0.00176171	0.00154863	0.00163624	0.00181907	0.0019874	0.00228728
11.1201729	12.809093	10.5166932	12.8190916	8.49338422	9.29458126	9.54044349	10.5129059
0.03383398	0.04491325	0.06362909	0.03834223	0.03667994	0.02162238	0.0304951	0.03071491
0.02960473	0.03929909	0.05567545	0.03354945	0.03209495	0.01891958	0.02668321	0.02687555
0.17602714	0.16907034	0.19790709	0.37741263	0.24796543	0.27266542	0.32305294	0.33564982
17.3728456	17.2137407	17.4767217	18.2431419	19.0276884	16.985187	18.0892681	14.9651298
0.29605835	0.32737519	0.32683063	0.34604551	0.37436409	0.32940837	0.29029323	0.30018046
1.07882983	1.3482964	1.36699005	1.50932169	1.55568356	1.5446909	1.39703405	1.44532987
2.5251E-08	3.5908E-08	3.1201E-08	2.4942E-08	2.9401E-08	4.861E-08	3.4264E-08	3.485E-08
0.41722004	0.25459109	0.41723821	0.34634454	0.3338155	0.43391437	0.32133383	0.30466108
7.71550504	8.84281736	9.24875376	8.57775071	5.27898398	10.4733396	11.5480657	11.5619757
0	0	0	0	1.7567E-05			
0.53718528	0.37344537	0.50034874	0.45943063	0.44680187	0.61692404	0.51031473	0.48987037
7.18754382	8.21433336	7.2808865	4.85392293	4.97838636	5.04061705	4.97838605	4.66723758
24.4522865	31.871918	31.894782	31.0175427	38.4292134	34.5537092	39.8220244	22.8286891
12.0166701	12.2596913	11.8594017	12.200906	12.7266429	13.5344753	13.6114692	14.7595925
0.07137984	0.07296758	0.07453154	0.07069486	0.07699092	0.07918416	0.14190535	0.14565159
8.0345E-08	1.0259E-07	8.089E-08	5.9184E-08	6.4314E-08	9.8629E-08	6.4825E-08	6.176E-08
12.1943293	12.2766323	16.5281279	17.0896044	17.1684737	17.0561224	19.1455093	18.0647568
3.51291919	3.47016946	3.64082439	3.6896383	3.97651281	3.66921206	3.55167953	3.65382415
2.04964409	2.16391994	2.27989838	2.3146324	2.44253224	2.52639748	3.27588957	3.35828433
0.00093149	0.00093149	0.00104108	0.00090409	0.00090409	0.00093149	0.00095889	0.00109587
5.53775191	4.86310391	5.73932635	5.79037297	9.8216029	9.87017385	8.37119197	10.1600592
0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951	0.00469659
0.12734137	0.12148024	0.05921085	0.13323528	0.14501703	0.23094527	0.22089174	0.23084763
1.45627049	1.71152473	1.85734805	1.91922569	2.02647601	1.96360437	2.53382724	2.27447421
2.22771105	2.30715172	2.30500299	2.00487262	2.05684023	2.32167033	2.47993428	2.4888466
8.0345E-07	1.0259E-06	8.089E-07	5.9184E-07	6.4314E-07	9.8629E-07	6.4825E-07	6.176E-07
0.0940552	0.09769054	0.10913164	0.10488394	0.10499535	0.11396652	0.11555384	0.13060914
3.6188269	3.871548	4.12948268	4.29880457	4.48429117	4.64754952	5.18454872	5.31525703
4.5911E-08	5.8625E-08	4.6223E-08	3.3819E-08	3.6751E-08	5.6359E-08	3.7043E-08	3.5292E-08
1.0904E-07	1.3923E-07	1.0978E-07	8.0321E-08	8.7283E-08	1.3385E-07	8.7976E-08	8.3817E-08
2.12879663	1.75544997	1.31926241	1.40020505	1.71074925	1.29506696	1.68633573	1.16060354
10.2712017	11.7430639	13.3564656	14.7764576	16.3263108	18.7559176	19.9066865	21.9102461
1.7301E-06	2.937E-06	9.6918E-06	1.9926E-05	2.3417E-05	2.0086E-05	8.071E-05	9.3166E-05
1.79960837	2.2615696	2.3341434	2.41941172	2.81721485	2.91099849	2.99795702	2.6171255
1.6353E-08	2.0085E-08	2.1527E-08	2.634E-08	2.9403E-08	3.5422E-08	4.1381E-08	4.0454E-08
7.0667E-05	0.00017667	0.0002915	0.00062717	0.00197868	0.00259702	0.00277369	0.00313586
0.0013307	0.0013307	0.00148725	0.00129156	0.00129156	0.0013307	0.00136984	0.00156553
37.7587252	40.2646467	37.33319	37.7477065	36.3241804	37.4554938	40.5494562	37.6104374
0.66729226	0.92876749	1.01599377	0.91247239	0.83941124	0.73950154	0.72743771	0.72277401
11.0807549	11.2992298	9.83368966	9.95278472	11.4099424	8.63272982	8.46903159	9.03574514
52.575106	55.9226426	59.2618387	65.5789101	68.0031241	72.9225087	89.851044	93.0436576
0.05916239	0.12765821	0.09790711	0.10378924	0.18093776	0.12454721	0.21380033	0.27918479
					6.7029E-07	8.9078E-06	3.5349E-05
0.05652074	0.06036789	0.06039885	0.04813763	0.0473099	0.03767077	0.03031774	0.04637396

1.3251807	8.31907388	12.2573319	7.32524559	6.92059352	1.80479624	0.81163758	0.701442
6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12	8.3461E-12
5.99755843	5.54577126	5.83762453	5.41335216	5.61582097	5.92063096	7.39720975	7.24404482
0.00039921	0.00039921	0.00044618	0.00038747	0.00038747	0.00039921	0.00041095	0.00046966
0.00279447	0.00279447	0.00312323	0.00271228	0.00271228	0.00279446	0.00287666	0.00328761
0.09655326	0.09344199	0.08099585	0.06543838	0.06854993	0.07175855	0.0498811	0.08099585
0.1887729	0.84400528	0.59250204	0.77339847	0.75959602	1.178971	1.35156827	1.37589578
2.2956E-08	3.1144E-08	2.6E-08	2.008E-08	2.2969E-08	3.6986E-08	2.5467E-08	2.5366E-08
0.1147109	0.11088045	0.0718566	0.0447268	0.05376987	0.06256843	0.05067421	0.06590938
28.8012295	29.83765	14.125498	14.85486	15.0338309	15.5743726	15.6254321	16.2480314
74.998922	74.0473723	70.3648402	63.8928875	63.5095715	60.5941649	63.5120049	68.1906332
0.01330701	0.01330699	0.01487252	0.01291562	0.01291562	0.01330697	0.01369838	0.01565529
5.7389E-09	7.3281E-09	5.7779E-09	4.2274E-09	4.5938E-09	7.0449E-09	4.6303E-09	4.4114E-09
0.12158622	0.27714399	0.33848773	1.2115875	1.13512004	1.27758717	1.40130782	1.5548822
	0.02216622	0.0249368	0.03047813	0.03047809	0.03047808	0.02770746	0.0304781
26.2791896	37.7071486	29.6168557	24.8836743	33.4455666	37.3855755	39.8969353	36.838559
0.82782082	1.5590842	1.68628829	1.55035763	1.64918018	1.92784004	2.15497001	2.84340317
2.24049527	2.60678954	3.82148658	3.91872735	4.46747616	3.469242	3.0934745	2.44655112
0.02521235	0.02133357	0.02909116	0.03103059	0.02909115	0.01939424	0.02909116	0.03296997
9.34610276	10.6939597	12.9245139	13.4867431	14.1205935	12.2656817	9.97907209	11.0464815
0.98286912	1.00473151	1.0262666	0.97343722	1.06013127	1.09033118	1.95397447	2.00555852
0.04814295	0.04336935	0.06225139	0.07241674	0.04669399	0.0394266	0.046694	0.06391373
1.46871931	1.3841568	1.56249161	1.33580146	1.36461199	1.55393262	1.47360888	1.57613916
2.4691E-10	2.9629E-10	1.9752E-10	2.9629E-10	1.9752E-10	2.4691E-10	2.9629E-10	2.9629E-10
2.2956E-09	2.9312E-09	2.3111E-09	1.691E-09	1.8375E-09	2.818E-09	1.8521E-09	1.7646E-09
39.6287692	41.1090157	41.534458	38.8968272	42.529708	39.5315691	35.8680825	36.2469387
0.70151326	3.21073213	3.35831798	4.28984676	4.68140552	4.43481584	4.68437541	5.01748245
58.9820488	59.938704	54.3025236	50.1650081	49.031987	47.8779577	48.9143537	53.3438097
0.00385898	0.00396109	0.00405371	0.00389918	0.00423158	0.0043625	0.0073787	0.00757613
0.06926499	0.06372385	0.13298788	0.12190573	0.108053	0.10805314	0.09974152	0.08865909
0.00745192	0.00745192	0.00832861	0.00723274	0.00723274	0.0074519	0.00767109	0.00876696
1.0043E-07	1.2824E-07	1.0111E-07	7.398E-08	8.0392E-08	1.2329E-07	8.1031E-08	7.72E-08
0.00146377	0.00146377	0.00163598	0.00142072	0.00142072	0.00146377	0.00150682	0.00172208
0.00079842	0.00079842	0.00089235	0.00077494	0.00077494	0.00079842	0.0008219	0.00093932
1.07288073	1.67693553	2.55755873	2.16747949	1.820934	1.76973443	1.6081334	2.23278633
8.6084E-09	1.0992E-08	8.6668E-09	6.3411E-09	6.8908E-09	1.0567E-08	6.9455E-09	6.6172E-09
0.12109396	0.13285837	0.13285837	0.13285829	0.10624809	0.10035252	0.11521897	0.10950971
7.1737E-08	9.1601E-08	7.2223E-08	5.2843E-08	5.7423E-08	8.8061E-08	5.7879E-08	5.5143E-08
0.03939694	0.04154808	0.04805003	0.05437106	0.06425781	0.06733448	0.08247557	0.10945767
0.0702007	0.0702007	0.06708942	0.06397782	0.07783044	0.07505999	0.08094205	0.06554221
2.35243139	2.46880678	3.1235835	3.61283901	4.2193218	3.66173913	3.91699786	4.40154007
					0.00320852	0.00320852	0.00320852
3.42748113	3.70397601	3.55091024	3.09829393	2.98581257	3.03957206	3.26483428	3.45377294
9.97437082	12.5885564	14.4174329	11.6280951	12.5708747	25.5323774	29.657465	30.5583262
20.8630683	20.8403667	22.2023432	22.1805233	22.7983315	23.3292619	22.2264896	22.2393421
0.26181891	0.4731141	0.47486717	0.66166311	0.59618713	0.62699684	0.50701453	0.50084552
56.0367476	66.2283557	66.5885627	59.1926158	68.7630736	65.3324317	62.1217425	42.5610737
15.1724707	17.5863366	18.9553064	20.6764734	26.1853176	21.389179	22.4250324	29.1045469

0.61706559	0.67706967	0.68164051	0.72468256	0.68952906	0.79844866	0.84199555	0.76004312
25.0397594	27.6124444	30.2583221	29.1712993	29.8845035	29.1062127	29.8700835	28.7101495
0.06372438	0.06926547	0.06095362	0.05541222	0.05264138	0.04177307	0.04177304	0.0447579
0.59460382	0.69779751	0.84374644	0.84685814	0.98019967	0.9895342	1.25218615	1.45222247
59.9180402	65.5923032	79.0897099	67.0597942	70.3041287	68.0607906	64.2342965	64.2991881
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0.19193422	0.17603576	0.21614431	0.21614426	0.20092766	0.19781612	0.22581957	0.20715059
0.00663643	0.00702448	0.00728911	0.00771385	0.00818135	0.00856763	0.00886301	0.00913597
6.6074E-11	7.9288E-11	5.2856E-11	7.9288E-11	5.2856E-11	6.6074E-11	7.9288E-11	7.9288E-11
6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12	8.3461E-12
1.1478E-08	1.4656E-08	1.1556E-08	8.4549E-09	9.1877E-09	1.409E-08	9.2607E-09	8.8229E-09
4.9262845	6.42537157	7.67886412	6.97794079	9.72054602	10.6581448	8.08260305	11.8356437
28.4512406	23.3281377	16.7984357	12.7542143	11.8395793	9.92182342	11.6897664	11.6654131
1.0433E-10	1.2519E-10	8.3458E-11	1.2519E-10	8.3458E-11	1.0433E-10	1.2519E-10	1.2519E-10
0.3204845	0.64096747	0.62229864	0.46672429	0.40449476	0.46672374	0.40449461	0.23025172
0.01729911	0.01729909	0.01933428	0.0167903	0.0167903	0.01729906	0.01780789	0.02035188
16.6409815	14.7019241	7.07496741	8.80834934	11.9839457	12.5963096	12.6306825	13.6647875
2.2956E-08	2.9312E-08	2.3111E-08	1.691E-08	1.8375E-08	2.818E-08	1.8521E-08	1.7646E-08
0.19436298	0.17880554	0.15770686	0.14837236	0.15459534	0.14837243	0.14526097	0.13626736
0.0013307	0.0013307	0.00148725	0.00129156	0.00129156	0.0013307	0.00136984	0.00156553
1.16929249	1.25257018	1.33759543	1.39572258	1.45439669	1.50763526	1.65632406	1.69800051
1.05972036	1.1182556	0.91468	0.65208	0.689	0.663	0.57902	0.63024
0.03349194	0.03423691	0.03497073	0.03317054	0.0361247	0.03715378	0.06658301	0.06834077
1.1128E-10	1.3354E-10	8.9021E-11	1.3354E-10	8.9021E-11	1.1128E-10	1.3354E-10	1.3354E-10
0.10335388	0.14965477	0.19914545	0.11057517	0.11271876	0.21381768	0.20534522	0.2660565
0.02788364	0.02850386	0.02911481	0.02761606	0.03007554	0.0309323	0.05543354	0.05689696
6.0071E-07	6.6047E-07	6.2626E-07	6.6256E-07	4.8945E-07	4.5672E-07	3.9553E-07	2.8017E-07
3.4776E-12	4.173E-12	2.7819E-12	4.173E-12	2.7819E-12	3.4776E-12	4.173E-12	4.173E-12
25.3904772	27.5970384	31.6343575	26.4519353	26.5350256	28.3445696	31.2208844	29.8745719
0.01370257	0.01419797	0.01608764	0.01518536	0.01518865	0.01662006	0.01667038	0.01906005
0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951	0.00469659
0.1716629	0.13848104	0.16106775	0.16807461	0.20291307	0.2035333	0.20856428	0.21684515
0.00255946	0.0031436	0.00336939	0.0041227	0.00460209	0.00554428	0.00647699	0.00633185
0.09960041	0.10325459	0.06621599	0.05827564	0.05184678	0.06527095	0.07918164	0.07654737
0.00558894	0.00558894	0.00624646	0.00542456	0.00542456	0.00558893	0.00575332	0.00657522
1.2913E-07	1.6488E-07	1.3E-07	9.5117E-08	1.0336E-07	1.5851E-07	1.0418E-07	9.9257E-08
0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951	0.00469659
0.9812339	0.97805755	1.87445644	2.23146096	2.65822712	2.47286921	6.53055408	8.13635931
0.01330701	0.01330699	0.01487252	0.01291562	0.01291562	0.01330697	0.01369838	0.01565529
3.4776E-10	4.173E-10	2.7819E-10	4.173E-10	2.7819E-10	3.4776E-10	4.173E-10	4.173E-10
				0.02566824	0.02566824	0.0320853	0.0320853
48.0548649	57.8733211	74.6333287	53.1589511	61.3055479	49.4921595	48.8871552	78.3869553
0.06985996	0.08507655	0.08196507	0.07574215	0.06917835	0.0660669	0.05085029	0.04219758
13.605072	14.5323519	13.9140397	12.3696438	11.6361162	11.383882	11.124729	11.5929066
2.39804181	2.37463741	2.77699701	3.08792234	3.60105184	4.44742855	3.72527585	3.85399909
0.54133228	0.60498429	0.66086931	0.57195348	0.62188935	0.67282953	0.80715283	0.90126623
7.05964886	7.06224665	7.27219428	25.1036681	27.6370355	27.3918448	22.1765208	19.5040447
0.52265137	0.54431703	0.62618003	0.63937672	0.38834813	0.62435079	0.73403665	0.90208531
0.40784879	0.38781607	0.39632836	0.4608306	0.32268576	0.34888745	0.40485055	0.3944932

1.81818837	1.89386777	2.14223949	1.8884983	1.97963141	1.99680666	2.084225	2.3538279
1.2706755	1.49004027	1.58734889	1.63329984	1.48675049	1.39040033	1.49004333	2.04262881
0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643
2.563E-06	5.1251E-06	5.1249E-06	5.1251E-06	2.5629E-06	2.563E-06	2.5631E-06	2.5631E-06
15.2157965	17.5703635	16.9230505	17.3128273	18.4073898	19.8363293	22.7751495	20.5834018
0.00021787	0.00021127	0.00020166	0.00019205	0.00018731	0.00018942	0.00020004	0.00019645
1.91776641	2.15904319	2.42274883	2.72432165	1.9369623	2.03984944	2.96740564	3.11589054
1.43198192	1.53980511	1.34849443	1.30374078	1.30629574	1.2406733	1.3936367	1.38296769
0.02858343	0.02858345	0.0285834	0.02858342	0.02858343	0.03493494	0.04128813	0.04446573
5.2163E-11	6.2596E-11	4.1729E-11	6.2596E-11	4.1729E-11	5.2163E-11	6.2596E-11	6.2596E-11
19.2831886	20.8931192	17.3790956	14.6031626	15.2875401	12.5215341	14.7178785	10.8663022
0.00572201	0.00572201	0.00639519	0.00555371	0.00555371	0.005722	0.0058903	0.00673177
5.72224492	6.44062822	6.24303076	6.80409675	4.70666716	5.08025106	5.57404624	5.38940499
93.0045812	99.1273214	103.706768	104.108245	113.384932	118.476423	175.437449	161.228964
65.7868421	90.8503861	94.3547419	72.9616403	92.0576271	92.6477548	83.5253369	87.2600722
0.38964604	0.26781045	0.24008825	0.17174457	0.48851672	0.41975607	0.56477369	0.15159461
0.01385355	0.01385357	0.01662413	0.01385357	0.01385357	0.01662417	0.01385366	0.01385362
0.04428637	0.05639133	0.05050929	0.08026042	0.06227342	0.0539618	0.1054933	0.10549332
2.4634137	2.56168134	2.86768159	2.5094122	2.60672917	2.89841009	3.50909165	3.78731637
				1.0094E-07	2.1037E-07	2.206E-07	2.059E-07
2.4343E-11	2.9211E-11	1.9473E-11	2.9211E-11	1.9473E-11	2.4343E-11	2.9211E-11	2.9211E-11
0.0066535	0.0066535	0.00743626	0.00645781	0.00645781	0.00665348	0.00684919	0.00782764
0.06576891	0.07510321	0.09304736	0.08959466	0.09581793	0.08648347	0.0947953	0.09688398
0.01051281	0.01051276	0.01174958	0.01020362	0.01020364	0.01051262	0.01082194	0.01236804
2.8695E-08	3.664E-08	2.8889E-08	2.1137E-08	2.2969E-08	3.5225E-08	2.3152E-08	2.2057E-08
0.00026614	0.00026614	0.00029745	0.00025831	0.00025831	0.00026614	0.00027397	0.00031311
3.0486E-06	5.4709E-06	1.9222E-05	3.9933E-05	4.6899E-05	4.0131E-05	0.00012396	0.0001387
3.69843379	3.44564746	3.4469947	3.52035175	3.72127502	4.15638775	2.41071162	2.45118418
2.85172308	3.69320337	3.72622445	3.58321854	3.47304924	4.05435333	4.43727633	5.07452528
3.04639944	1.57972831	1.98622903	2.57970826	3.53129693	3.07570963	3.0718037	3.11484728
						0.00173704	0.00175797
0.00199605	0.00199605	0.00223088	0.00193734	0.00193734	0.00199605	0.00205476	0.00234829
0.60035914	0.5959316	0.55877897	0.67234111	1.01117296	1.23206603	1.41419171	1.25292087
2.5521E-09	3.2588E-09	2.5694E-09	1.8799E-09	2.0429E-09	3.1329E-09	2.0591E-09	1.9618E-09
0.0026614	0.0026614	0.0029745	0.00258312	0.00258312	0.00266139	0.00273968	0.00313106
						2.3573E-07	1.9004E-07
0.24498535	0.29188285	0.27640297	0.29689537	0.34214658	0.22742726	0.23022973	0.24432389
0.0018612	0.00197003	0.00204425	0.00216337	0.00229448	0.00240281	0.00248565	0.0025622
1.25805478	1.29057261	1.32275639	1.26489149	1.37238238	1.41247937	2.44715329	2.51162556
6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12	8.3461E-12
3.74673927	3.78990859	4.19597814	3.46033128	3.97315634	4.31068537	3.78245651	3.6775154
0.25886191	0.22601777	0.19248824	0.20255643	0.21674507	0.24420889	0.24017804	0.27444776
3.51246396	4.60647014	5.55369264	5.59176534	5.35186212	6.97279448	4.59050423	4.30666143
1.55863249	1.82178489	1.66696714	2.18258202	3.10172797	3.24914689	4.07531722	4.38000262
0.04987079	0.0415591	0.03047684	0.06397033	0.05264138	0.03324728	0.03350372	0.03627428
29.3075101	30.2219363	31.1289568	30.1238836	32.5090622	33.4951976	55.1136647	56.5619648
0.24869107	0.27355382	0.28282402	0.27662086	0.25087219	0.18527295	0.31202533	0.30080451
349.13928	407.281143	384.725111	318.389045	338.781639	337.982434	338.054901	335.993547
1.8150586	1.89100657	1.96759884	1.94535442	2.07787307	2.14446258	3.19234949	3.27538156

8.6084E-09	1.0992E-08	8.6668E-09	6.3411E-09	6.8908E-09	1.0567E-08	6.9455E-09	6.6172E-09
25.5647501	27.0755838	23.4278584	16.8542896	15.6687954	14.6386418	15.6485279	16.4702743
5.7389E-09	7.3281E-09	5.7779E-09	4.2274E-09	4.5938E-09	7.0449E-09	4.6303E-09	4.4114E-09
0.018535	0.02763191	0.0367552	0.04930096	0.05784888	0.06016636	0.0591156	0.051168
2.7821E-11	3.3384E-11	2.2255E-11	3.3384E-11	2.2255E-11	2.7821E-11	3.3384E-11	3.3384E-11
2.4343E-11	2.9211E-11	1.9473E-11	2.9211E-11	1.9473E-11	2.4343E-11	2.9211E-11	2.9211E-11
0.17424562	0.26136627	0.19602483	0.16802081	0.1742438	0.20847057	0.21158205	0.21158218
12.9355006	13.5770232	14.0040518	15.151004	15.5390888	15.8927549	16.9151674	17.1738752
0.00066144	0.06292168	0.1223345	0.12821936	0.130961	0.12813515	0.12224273	0.1159245
0.61437405	0.69055715	0.66434136	0.4947663	0.65173111	0.80345593	0.52985454	0.62851107
0.00027998	0.00026009	0.00032379	0.00039553	0.0004731	0.00053238	0.00059695	0.00058173
0.09476342	0.09621981	0.10573866	0.11166358	0.11602547	0.14961585	0.15903944	0.17998809
0.31759698	0.35829226	0.3269123	0.30850848	0.30760599	0.30727138	0.45351079	0.41306152
0.00012145	0.00010264	0.00011515	0.00012799	0.00013931	0.00014228	0.00015759	0.00017741
1.75726784	1.01188644	1.08473862	0.96499582	0.99297175	1.06341643	1.3250848	1.74946244
4.54276068	5.09349261	4.65788564	3.22971622	3.55019856	3.58753656	1.65219579	1.94156367
1.69878654	1.93144446	1.66505922	2.25877113	2.76049431	6.00162426	6.54598341	7.12410103
15.4046433	16.5521695	17.7028348	16.3692518	17.8529335	15.7188353	17.6191227	17.5213816
2.84913201	3.02822199	3.18470374	3.32123144	3.41662041	3.5367533	3.65535026	3.77539785
0.00089085	0.00074313	0.00083946	0.00093855	0.00103491	0.0010802	0.00112936	0.00103091
43.6101918	45.373908	45.6439842	45.7349608	44.6959874	45.9787973	43.4232499	45.4819557
13.8913831	14.7526679	15.9109323	14.2496543	14.6584844	14.3846877	14.6495911	14.3893334
8.52470057	9.08378159	9.57462521	10.0891563	10.1727686	10.4159957	10.6877118	11.0059934
0.02187372	0.02163892	0.02391304	0.02365412	0.01977198	0.01706041	0.01806783	0.02232042
43.0524368	44.5746144	42.9220147	34.5498185	39.303767	37.0297357	37.5546388	35.7315322
0.01555739	0.0093345	0.0093345	0.02178028	0.02489189	0.02178028	0.01555739	0.018669
0.09374451	0.09273821	0.10248447	0.10137478	0.08473704	0.07311603	0.07743354	0.09565895
0.95473596	1.27982235	1.34708405	1.54125624	1.54890831	1.55360005	1.62412269	1.6397111
9.55784318	9.1366409	9.1385364	9.24151934	8.66692022	7.82114668	10.4201429	10.0563236
0.54185874	1.38186081	2.06721212	2.14011965	2.17940089	2.17707841	2.19166982	2.24892569
0.00890848	0.00743125	0.0083946	0.00938545	0.01034914	0.01080197	0.01129357	0.01030915
4.50359891	5.20042158	5.53262406	5.42295982	4.54374857	4.87411521	4.86468539	5.03942461
8.13843682	8.63386379	9.0629702	9.39640461	9.76831242	10.1662674	10.5553911	10.914604
0.00050906	0.00042464	0.00047969	0.00053631	0.00059138	0.00061726	0.00064535	0.00058909
0.00120901	0.00100853	0.00113927	0.00127374	0.00140453	0.00146598	0.0015327	0.0013991
0.50149624	0.46147569	0.49687702	0.62687794	0.70765007	0.56325049	0.5505022	0.43293876
26.5714773	31.8160381	34.9417714	37.4880048	43.8789983	47.9521385	52.0420389	55.9762626
0.00213167	0.00177819	0.00200871	0.00224581	0.00515237	0.00460436	0.00951854	0.00928298
0.06417074	0.05454487	0.06417074	0.06417074	0.07058779	0.02566817	0.04171078	0.06096222
0.00058273	0.00059583	0.0006483	0.00070009	0.00073204	0.00090083	0.00097151	0.00106706
0.02361873	0.03352403	0.04566158	0.07119308	0.16815722	0.30976691	0.29609323	0.32162472
0.03124817	0.03091274	0.03416149	0.03379159	0.02824568	0.02437201	0.02581118	0.03188632
79.4654901	96.5541112	100.091922	90.7248932	90.4738248	94.7741245	90.2950273	95.3617828
8.78934207	9.71070013	8.7550077	7.99609989	7.7757835	8.18716197	8.33539555	7.91226246
6.22098816	6.09214084	6.47031234	5.35141998	5.56427344	5.88775467	6.05348536	5.99115616
402.19038	412.136476	425.468362	494.593601	523.817916	596.171462	649.784813	637.273357
0.83557557	0.73491081	0.86636944	1.00356543	0.92411608	0.54237428	0.64261417	0.5434727
0.08089857	0.07156407	0.07156407	0.09956724	0.06222957	0.10267885	0.16179681	0.14623942
1.02213694	0.85920487	0.86342243	0.8338859	0.90441086	0.91436255	0.8576194	0.77214419
0.13690524	0.13690524	0.11512464	0.09956724	0.10267885	0.11201335	0.07156407	0.06534117
0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944	0.00127845

5.13423081	5.27559441	5.26313283	8.60729309	9.22270876	10.2888433	10.417403	9.87299018
0.00937445	0.00927382	0.01024845	0.01013748	0.0084737	0.0073116	0.00774335	0.0095659
0.06562116	0.06491675	0.07173913	0.07096235	0.05931593	0.05118122	0.05420348	0.06696127
0.33321011	0.41527324	0.31250332	0.3816053	0.37230066	0.52375685	0.54544661	0.53497736
8.04657537	7.9596085	9.53252637	8.68928076	9.1419597	10.5579171	11.6459104	10.4283769
0.00025453	0.00022559	0.00026983	0.00031844	0.00036961	0.00040507	0.00044368	0.00042341
0.52310053	0.51108029	0.32453175	0.41692612	0.5658377	0.64032367	0.6529502	0.73678498
68.3181032	66.2561912	67.6020372	68.1711118	68.9507793	73.4191305	67.5916643	75.8845885
242.74049	261.015603	256.640399	234.630373	233.098768	225.359279	229.025631	236.466388
0.31248171	0.30912738	0.34161489	0.33791595	0.28245681	0.2437201	0.25811179	0.31886317
6.3632E-05	5.308E-05	5.9961E-05	6.7039E-05	7.3922E-05	7.7157E-05	8.0668E-05	7.3637E-05
10.1181131	9.28507585	7.07991362	7.37759468	8.31936975	8.4373592	8.95320147	8.99271771
0.90823307	0.88943731	0.78034141	0.6558149	0.92084316	0.85586044	1.22379124	1.08368365
1.57538094	1.82856202	1.81108917	1.80784051	2.08207708	2.32404785	2.67261566	3.8214399
0.4049417	0.42117846	0.70574671	0.7494127	0.85628416	0.9346694	1.08511209	1.31938849
9.58108322	8.14669247	9.70209311	11.5081004	13.6116997	13.6090492	13.1814207	14.1369216
0.0220923	0.03373771	0.03313131	0.02324781	0.02648499	0.02555872	0.01986252	0.01859248
0.03268997	0.03308505	0.03797381	0.03783483	0.02749978	0.02583592	0.02577318	0.03134147
47.59973	54.5612537	55.0180988	51.8732174	54.3802447	55.3136975	53.5836879	53.2455899
3.92174098	4.15760925	4.36117326	4.51208773	4.7082835	4.90934969	5.1056839	5.28147317
0.1924966	0.25260933	0.24689562	0.20077282	0.21299576	0.21732471	0.20804567	0.19346728
13.4814622	14.7207993	13.1876232	11.7240562	12.5089825	11.9099035	13.893357	14.1303737
0.0306217	0.03022287	0.03457075	0.03326081	0.03359517	0.05237721	0.05275072	0.06650431
2.5453E-05	2.1232E-05	2.3985E-05	2.6816E-05	2.9569E-05	3.0863E-05	3.2267E-05	2.9455E-05
127.072722	122.875671	127.004243	109.282456	111.854309	110.449945	110.893181	115.835917
0.3827119	0.4200499	0.41071541	0.5738651	0.9251653	0.78183748	1.08131582	0.91971283
149.915106	155.55593	139.700418	133.054237	130.482177	129.865932	118.779367	125.691183
6.15199576	6.50305624	6.79001295	7.05069686	7.25996837	7.50273034	7.83085088	8.06173694
0.43015483	0.4331692	0.42614775	0.46679118	0.45742684	0.46403804	0.42368567	0.37299884
0.17498976	0.17311133	0.19130434	0.18923293	0.15817581	0.13648326	0.1445426	0.17856338
0.00111356	0.00092891	0.00104933	0.00117318	0.00129364	0.00135025	0.0014117	0.00128864
0.03437299	0.03400401	0.03757764	0.03717075	0.03107025	0.02680921	0.0283923	0.03507495
0.0187489	0.01854764	0.02049689	0.02027496	0.01694741	0.01462321	0.01548671	0.01913179
						0.02245965	0.02566817
7.02131725	8.00359745	7.85942762	7.89987447	8.61913084	8.98474301	9.43156994	10.3937278
9.5448E-05	7.9621E-05	8.9942E-05	0.00010056	0.00011088	0.00011574	0.000121	0.00011046
0.77317078	0.68904237	0.86303721	0.71407788	0.61383947	0.60963066	0.85541275	1.12989499
0.0007954	0.0006635	0.00074952	0.00083799	0.00092403	0.00096446	0.00100835	0.00092046
0.74264654	0.84089448	0.71716307	0.8790562	0.92982773	0.92028912	0.84413777	0.76798707
2.4393507	2.11698356	3.55763405	2.9922464	3.8186533	4.5919514	4.65273424	2.68001155
0.31785042	0.34630896	0.38043812	0.40863544	0.41232918	0.4416914	0.48301419	0.54839449
4.40570528	5.0873813	5.41236277	5.30508228	4.44498222	4.76816777	4.75894291	4.92988388
0.1633497	0.16014117	0.19738194	0.17278111	0.26933398	0.25367968	0.27244559	0.23180216
16.5448081	17.4806039	18.1504087	17.1062409	18.1565293	18.6096363	19.4428377	19.526563
5.30678125	5.70369591	6.12124087	7.75637569	7.9540354	9.87190107	13.0746736	16.2658944
66.7333713	65.2337842	70.8407778	77.4867968	82.7133871	85.0868186	82.8403273	83.4442056
5.19194528	4.81462411	5.23132257	4.39171386	4.39987779	4.70407089	4.24652936	5.71728016
9.72376979	11.5230701	12.6517353	14.3483799	16.3868659	18.3747994	17.3627516	18.5904279
1.58837688	1.90835237	2.05280146	2.7892687	3.61878369	3.43113725	3.7580823	4.63870618
0.30571312	0.35215326	0.39561837	0.30559179	0.35184995	0.37370367	0.4511037	0.51893746

2.47129972	2.85182862	2.73027392	2.90472002	2.89206561	2.8703704	3.14690419	3.10012704
95.7183544	100.354796	102.746898	89.7847938	96.2352879	94.3899649	83.9415174	87.8665746
4.50736418	4.93344251	5.14755226	4.17365947	3.6567536	4.32630423	4.60770185	4.44483153
0.13981652	0.2331612	0.16159713	0.18745913	0.22168552	0.23724292	0.36481366	0.37103655
275.640902	300.157688	296.431835	269.34015	273.24009	261.073045	243.653556	253.733019
86.3779043	90.7772045	94.074491	97.0268396	100.492405	103.95797	109.72251	112.685408
0.65846451	0.64888208	0.6617572	0.70742748	0.89521644	0.98768426	0.92344251	1.00410129
8.71847943	9.13558055	9.42770367	9.71730972	10.0281477	10.3389857	10.9677678	11.2330862
0.00500505	0.00480697	0.00571205	0.00500505	0.00489536	0.00917704	0.00882972	0.0121453
0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944	0.00127845
0.00012726	0.00010616	0.00011992	0.00013408	0.00014784	0.00015431	0.00016134	0.00014727
15.1589297	18.5432019	19.4385352	19.9484583	22.7706361	21.9018328	25.2252564	29.9278355
2.93450875	3.13228304	2.96418738	2.69199051	2.89517218	3.02214736	2.97547381	4.29156748
0.00790272	0.00758995	0.00901902	0.00790272	0.00772952	0.01449007	0.01394167	0.01917679
1.38653248	1.58482037	1.42660534	1.24925114	0.90434666	0.66787418	1.35857543	1.87508097
0.40622622	0.40186559	0.44409936	0.43929073	0.36719385	0.31683614	0.33554533	0.41452212
0.85141841	0.80287371	0.9647017	1.08314411	1.41388548	1.60108576	1.96787609	2.28877828
0.00025453	0.00021232	0.00023985	0.00026816	0.00029569	0.00030863	0.00032267	0.00029455
0.51631752	0.5535612	0.52857528	0.48501456	0.40741572	0.46040496	0.56600712	0.57232416
0.03124817	0.03091274	0.03416149	0.03379159	0.02824568	0.02437201	0.02581118	0.03188632
5.7269744	6.07711486	6.3807395	6.62074628	6.87296586	7.14775928	7.41683553	7.66803209
10.6595039	11.6627939	10.9858677	8.39489107	9.41427346	8.68211015	9.50124716	8.4191418
2.26813351	2.40666315	2.52637089	2.62397837	2.71747344	2.82215933	2.92785047	3.02531719
0.00842956	0.00809594	0.00962029	0.00842956	0.00824482	0.01545607	0.01487111	0.02045525
2.3929112	2.77662427	3.35614291	3.15321194	3.44763727	3.85564128	4.12886854	4.5939799
1.40337861	1.48133489	1.54274314	1.60820876	1.63700109	1.67920301	1.75488477	1.80017023
0.00026342	0.000253	0.00030063	0.00026342	0.00025765	0.000483	0.00046472	0.00063923
30.4613775	32.2303128	35.9683805	39.2075079	43.0690816	42.4596945	48.5078827	50.6332054
1.30795212	1.51032598	1.60680547	1.57495637	1.31961253	1.41555885	1.41282021	1.46356863
0.09374451	0.09273821	0.10248447	0.10137478	0.08473704	0.07311603	0.07743354	0.09565895
1.48431297	0.95207298	1.20450006	1.42243764	1.52996591	1.67771	1.79424639	1.8574596
3.79795953	3.90459011	4.21548596	4.63193189	4.86642759	5.77262506	6.29860193	6.7505073
1.26975147	1.38797782	1.33122917	1.22246093	1.17989945	0.74009648	0.5840377	0.54384121
0.139246	0.13870715	0.15269989	0.15393022	0.12907144	0.11175807	0.11745327	0.13938446
0.00143172	0.00119431	0.00134913	0.00150838	0.00166325	0.00173603	0.00181504	0.00165683
0.03471153	0.03471153	0.05065713	0.05065713	0.06310305	0.08216013	0.08527161	0.08527161
0.20018791	0.21075155	0.22512578	0.26103988	0.22357626	0.19807133	0.19774326	0.16829879
5.29517725	4.80299197	6.01469078	5.90183439	6.26510295	5.68296224	6.14954429	7.09219246
0.31248171	0.30912738	0.34161489	0.33791595	0.28245681	0.2437201	0.25811179	0.31886317
0.12106529	0.12273593	0.1351747	0.14203952	0.14737715	0.19202288	0.20347826	0.23176735
0.01565445	0.01876593	0.01876593	0.01876593	0.01254297	0.01254297	0.01565445	0.01876593
1.09807315	1.54563019	1.60473283	1.77701278	2.18324301	2.44891751	3.1053654	3.04024008
0.17887736	0.2506355	0.29134609	0.24791222	0.28522018	0.31050022	0.2667454	0.17576588
31.3572091	33.7687079	33.1372188	23.90922	24.2973988	25.2945083	27.7284443	31.9933472
8.87962365	9.2982218	9.86955934	9.30067257	9.94936005	9.75629907	9.85349573	10.5693383
0.05703434	0.1884745	0.19322721	0.1124284	0.02523472	0.05375189	0.041135	0.17732693
5.05205003	5.17052483	5.24165469	4.6387101	4.73192475	4.73293722	4.48492339	4.41059371
0.02204454	0.02834298	0.03779064	0.0472383	0.03464142	0.03779064	0.04093986	0.04093986
5.67803926	6.03955323	6.39159272	6.82166664	6.51695594	6.77873837	6.9980537	7.55536526

0.2827208	0.36741011	0.40231574	0.3929813	0.40325644	0.43810276	0.45142213	0.52681445
4.08317433	4.4310427	4.62625167	5.46446846	5.44282925	5.42158111	5.35088081	5.68633538
5.57946992	6.28112174	5.71195041	7.12040348	6.83065594	7.06294585	7.92483428	7.99350228
0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928
0.03161086	0.03035979	0.03607608	0.03161086	0.03091809	0.05796027	0.05576667	0.07670717
53.0261662	54.8421516	55.9158959	57.6423685	60.5966964	64.8732824	64.954104	64.5532995
2.58889545	2.19007098	1.78029437	1.49374923	1.5671764	2.24397566	2.00818835	2.53392737
48.9355541	49.154319	50.3221989	51.4861663	55.9506226	58.8128614	60.9060093	65.5989019
4.69205321	5.30470989	5.69824191	5.69095674	6.25209592	6.67103336	7.18206632	7.57213908
0.08892254	0.08574682	0.07621888	0.09209826	0.0984497	0.10480115	0.0984497	0.10162543
0.00395136	0.00379497	0.00450951	0.00395136	0.00386476	0.00724503	0.00697083	0.0095884
0.89983278	1.35197073	1.0915938	1.98693297	1.3516173	1.41518421	1.12522014	2.54398914
0.13436713	0.13292477	0.1468944	0.14530386	0.12145643	0.10479964	0.11098807	0.13711116
38.3817161	40.2894246	42.7175898	55.1388918	65.7196976	72.5579295	79.2826701	80.2333535
184.976116	196.181401	205.703695	214.435305	220.020402	227.211167	235.646511	242.912695
0.018681	0.018681	0.018681	0.02192174	0.02836063	0.03160059	0.03160059	0.03479875
2.29627224	3.66843492	3.9360222	4.17249468	3.92668776	5.49798516	11.2573346	23.2385062
8.57059311	9.89668448	10.5288838	10.3201868	8.6470001	9.27570575	9.25776027	9.59029851
0.81232272	1.63693356	1.44068388	0.7374894	1.29133284	1.2975558	0.59431674	0.5694249
0.31346352	0.34457832	0.43801977	0.3142194	0.46064622	0.5108181	0.36107886	0.43944816
0.30355074	0.3780381	0.51212586	0.57803142	0.686751	0.72739731	0.83492189	0.87626766
0.00071581	0.00093134	0.00105037	0.00074954	0.00018704	0.0003399	0.00044279	0.00051189
0.00184397	0.00177099	0.00210444	0.00184397	0.00180356	0.00338102	0.00325306	0.00447458
0.15624085	0.15456369	0.17080744	0.16895797	0.1412284	0.12186005	0.12905589	0.15943159
0.32235036	0.43497569	0.41970937	0.43552861	0.46029335	0.50955632	0.55957203	0.58160624
0.24686055	0.24421063	0.26987576	0.2669536	0.22314088	0.19253888	0.20390831	0.25190191
0.00031816	0.0002654	0.00029981	0.00033519	0.00036961	0.00038578	0.00040334	0.00036818
0.00624963	0.00618255	0.0068323	0.00675832	0.00564914	0.0048744	0.00516224	0.00637726
0.00445424	0.00371563	0.0041973	0.00469273	0.00517457	0.00540098	0.00564679	0.00515457
16.8337939	17.8098173	18.436602	19.7513851	19.8492801	21.1053483	22.6091757	22.7934642
2.61432047	3.01882314	3.2116653	3.14800567	2.63762718	2.82940365	2.82392967	2.92536507
21.5198676	24.6642982	22.8998208	23.9957513	23.3382045	21.1510355	20.7443678	21.2982635
0.0440185	0.0440185	0.0440185	0.05033863	0.05033863	0.05033863	0.20256611	0.19731663
0.04687226	0.04636911	0.05124223	0.05068739	0.04236852	0.03655802	0.03871677	0.04782948
0.95852841	0.7902541	2.89862739	3.2401123	3.59435638	4.10262457	3.998187	6.38148938
2.8297E-05	2.3605E-05	2.6665E-05	2.9812E-05	3.2873E-05	3.4312E-05	3.5873E-05	3.2746E-05
0.06249634	0.06182548	0.06832298	0.06758319	0.05649136	0.04874402	0.05162236	0.06377263
4.8465615	5.19544938	4.56009004	4.98076865	5.4988267	5.91264181	6.29216279	7.00887025
0.33200431	0.35424916	0.37382442	0.39601171	0.39517972	0.40229797	0.41119605	0.42276316
0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944	0.00127845
0.24087681	0.2533755	0.28063416	0.26651331	0.2150262	0.30339072	0.29274465	0.29259909
1.15607321	1.12827145	1.37952389	1.31828956	1.26924434	1.51263714	1.57519548	2.06727878
11.2483249	11.6079803	11.7207407	13.3391669	15.3150953	16.2141756	19.727455	18.8726414
14.3748976	15.0245351	14.1883379	14.8540746	16.9828644	18.6257806	22.0874353	23.9121744
0.2459133	0.329961	0.24906252	0.1681263	0.22720668	0.17127552	0.28265574	0.2981754
0.43704132	0.36570372	0.38755956	0.34103832	0.34115154	0.31580682	0.2033784	0.2593473
135.409837	143.367684	149.947786	156.428236	159.770002	164.429929	170.960523	175.856202
1.19867973	1.21803076	1.20257248	1.24606979	1.28164651	1.27343349	1.24848263	1.33963237



911.771744	943.16533	885.297838	754.364919	801.899729	856.11706	826.340311	898.226755
0.4897772	0.5194085	0.54518282	0.56338219	0.58980976	0.61623731	0.64075642	0.66342619
9.5448E-05	7.9621E-05	8.9942E-05	0.00010056	0.00011088	0.00011574	0.000121	0.00011046
8.42085131	10.9326371	10.7602087	11.0858053	12.4365797	14.5768256	12.9399031	17.16849
6.3632E-05	5.308E-05	5.9961E-05	6.7039E-05	7.3922E-05	7.7157E-05	8.0668E-05	7.3637E-05
0.00286	0.00286		0.0286548	0.1203392	0.0601696	0.0805044	0.0144574
0.00210739	0.00202399	0.00240507	0.00210739	0.00206121	0.00386402	0.00371778	0.00511381
0.00184397	0.00177099	0.00210444	0.00184397	0.00180356	0.00338102	0.00325306	0.00447458
45.5732297	51.7378853	52.1377088	54.5620751	61.2391017	63.8556846	62.7429939	66.3967241
2.45494363	2.67083642	2.65088017	2.75978456	2.73142901	2.39442874	2.3469635	2.0793054
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0.02933005	0.03121418	0.03011479	0.04302537	0.03992535	0.04790254	0.04985	0.05090531
0.11737345	0.17570156	0.20773402	0.21163021	0.24201189	0.37727427	0.27498707	0.30300006
0.15926765	0.16879631	0.37181869	0.35295585	0.34653881	0.34653881	0.34653881	0.38698809
0.00043589	0.00043844	0.00044663	0.00047986	0.00052136	0.00044938	0.00054258	0.00066164
0.74338849	0.75657355	0.76370175	0.71011867	0.72209493	0.71804771	0.79851401	0.83995538
0.59118122	0.6160731	0.63163049	0.64407628	0.6502995	0.64407661	0.65652207	0.66585689
0.34474572	0.53155872	0.69544926	1.00995147	1.43295669	2.20959858	2.81421675	3.73146369
21.1291475	19.7766839	18.8178827	18.4252735	19.0286563	21.5574835	18.6324755	20.8289937
2.66637296	3.1368749	3.58944839	3.96182739	4.21730528	4.43209244	4.65997226	4.90404382
0.09332287	0.08918337	0.07807537	0.1020941	0.0873367	0.09719355	0.0943108	0.09021194
58.0605298	59.2601658	65.3348049	69.5658992	71.9364917	80.9324104	75.5388641	78.7866484
10.585567	10.8240033	9.3808842	9.2013565	11.8771007	9.60175913	10.0541714	10.4226215
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32.5806707	35.6213611	39.067352	28.9094875	31.859084	30.5697784	32.5588177	34.6510718
	0.02236274	0.00641705	0.00641705	0.00641705	0.01273718	0.01273718	0.01273718
0.00121077	0.00121077	0.00108969	0.00157033	0.02511868	0.02431143	0.02514065	0.02668169
0.67388783	1.03930674	1.02618889	0.88958874	0.93462522	1.02630135	1.25074515	1.38929427
22.6568589	22.5296807	24.0742989	26.2074351	26.3792312	30.374571	35.6351569	36.6959215
0.31445171	0.35398546	0.40679787	0.7119594	0.96213752	1.2053982	1.32566542	1.76376709
0.93322874	0.8918337	0.78075373	1.02094097	0.87336704	0.97193552	0.94310805	0.90211943
2.97210342	3.23824683	3.20216543	3.57258174	4.25680929	4.3759781	4.84851544	5.27338572
25.6037726	29.8202678	33.8541268	37.2091462	39.5312939	41.3943219	43.5531423	45.711143
0.05332736	0.05096193	0.0446145	0.05833948	0.04990669	0.05553917	0.05389189	0.05154968
0.12665247	0.12103457	0.10595944	0.13855627	0.11852838	0.13190554	0.12799324	0.12243049
0.23699938	0.24770688	0.26917237	0.28962401	0.2983483	0.34605053	0.39342935	0.42006881
6.04921419	6.57136249	5.79384756	5.81622913	5.74100504	6.36941272	9.04925065	8.64434009
0.22330831	0.21340306	0.18682321	0.24429659	0.20898426	0.23257029	0.22567228	0.21586429
0.23187779	0.22866927	0.23187779	0.23187779	0.23187779	0.23187779	0.23187779	0.23187779
0.00033535	0.000502	0.00059353	0.00060466	0.00069146	0.00107793	0.00078568	0.00086571
0.06735627	0.10329546	0.26621699	0.33824893	0.48131529	0.43889049	0.54806076	0.64263833
0.00040359	0.00040359	0.00036323	0.00052344	0.00837289	0.00810381	0.00838022	0.0088939
50.2555998	51.989412	50.6416535	54.0879914	58.7935652	65.6813848	64.4377725	68.9091172
1.61947692	1.39279734	1.1411136	1.3211712	1.40901606	1.29649631	1.31265557	1.31171142
3.32415257	3.25120377	3.01279825	2.39302957	2.7149222	2.83594287	3.12912542	3.7007079
140.161787	150.912928	147.715561	176.12763	181.830589	205.154235	269.586917	294.747956
0.49004939	0.66068964	0.59564569	0.5944808	0.78107259	1.02979703	1.25790545	0.85856848
0.03850226	0.04171078	0.0449193	0.0449193	0.05133635	0.05775338	0.06417074	0.06417074
0.02800317	0.02489189	0.02800317	0.03111478	0.12085678	0.11443973	0.11774518	0.13378778

0.04284447	0.05903859	0.05673881	0.05934134	0.06535493	0.07652279	0.07745932	0.07715632
0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677	0.00865714
3.16502803	3.75144295	3.79434256	3.29437288	3.77229205	3.91633829	4.23583821	4.6612373
0.00012108	0.00012108	0.00010897	0.00015703	0.00251187	0.00243114	0.00251407	0.00266817
0.00084754	0.00084754	0.00076278	0.00109923	0.01758307	0.017018	0.01759846	0.01867718
0.13903993	0.19018276	0.19095904	0.21633582	0.1815273	0.40758593	0.42858993	0.35615267
4.66930907	4.91935907	5.27699729	5.87731277	6.47214993	6.72908989	7.35139485	7.64854855
0.02666368	0.02707352	0.02509566	0.03463907	0.03119168	0.03644758	0.03705067	0.03705133
0.74613585	0.79257601	0.69350392	0.65635193	0.73375197	0.78328785	0.84520794	0.91022409
37.0339526	38.722205	39.7436129	42.3607951	44.8885981	47.3121843	52.625385	49.0705296
352.798245	368.825118	376.011704	350.194678	386.872901	378.646353	391.053701	410.055395
0.00403589	0.00403589	0.0036323	0.00523445	0.08372893	0.08103809	0.08380217	0.08893896
0.00666592	0.00637024	0.00557681	0.00729244	0.00623834	0.0069424	0.00673649	0.00644371
16.6148865	15.5518151	14.848646	15.6614457	17.8287301	19.6107127	19.0409428	21.4397185
1.97325473	1.94982434	2.34680905	2.58929241	2.37198616	2.72912682	2.53893852	2.8427958
1.55049185	1.22224794	1.46550862	2.11227096	2.53135686	2.81981153	3.29971832	3.66304802
0.63511838	0.77629949	0.85859967	0.96958823	1.23535773	1.55400022	1.71941539	2.18562787
2.36397566	2.39547413	2.55296776	3.182942	3.86593732	5.07086091	5.75983313	6.83461448
0.1928953	0.18163045	0.16721863	0.16630191	0.15234911	0.11245511	0.10531545	0.13213802
0.00059273	0.00059273	0.00056001	0.00075692	0.00904199	0.00882233	0.00997203	0.01068657
25.9311664	29.5898024	36.6994138	42.6796259	52.5391661	44.3443013	42.3949839	46.1606091
13.5700983	16.4751724	19.1047703	21.3588519	22.5836497	23.6761955	24.8639669	26.0990752
0.11688196	0.08663021	0.07906727	0.07356695	0.06875417	0.06187877	0.05637819	0.05775326
8.37565115	9.57484853	9.60605601	10.1669384	15.5299852	14.6534118	18.6904292	17.294265
0.11905021	0.17821158	0.21070165	0.2146535	0.2454692	0.3826639	0.27891545	0.30732863
0.00266637	0.0025481	0.00223072	0.00291697	0.00249533	0.00277696	0.00269459	0.00257748
86.6914891	103.329423	100.361373	90.0655338	116.67954	105.433919	107.92945	117.018055
0.08983891	0.11229856	0.06417074	0.07700482	0.11229856	0.04812782	0.04812782	0.102673
227.908928	245.739316	226.832525	221.657515	226.96987	231.18229	234.565526	249.584045
7.81760003	9.16933867	10.4388662	11.5082321	12.2029862	12.7663286	13.4286615	14.081522
0.03850226	0.03850226	0.02566817	0.03208522	0.03850226	0.04171078	0.04171078	0.0449193
0.03429858	0.03417758	0.0341166	0.03721265	0.0403087	0.03721265	0.03721265	0.04346542
0.0022601	0.0022601	0.00203409	0.00293129	0.0468882	0.04538133	0.04692922	0.04980582
0.11665359	0.11147921	0.09759422	0.12761762	0.10917088	0.12149194	0.11788851	0.11276493
0.00044395	0.00044395	0.00039955	0.00057579	0.00921018	0.00891419	0.00921824	0.00978329
0.00024215	0.00024215	0.00021794	0.00031407	0.00502374	0.00486229	0.00502813	0.00533634
0.00962557	0.00641705	0.00962557	0.00641705	0.00962557	0.00962557	0.01604261	0.01604261
9.60593329	11.540987	11.4654645	13.1533702	15.4424132	16.3020531	16.593903	17.2939856
0.00999888	0.00955536	0.00836522	0.01093865	0.0093575	0.01041359	0.01010473	0.00966557
0.53428964	0.58008799	0.44882351	0.70677936	0.89841777	1.10795443	1.14771966	1.24235043
0.08332399	0.07962801	0.06971015	0.09115544	0.0779792	0.08677996	0.08420608	0.08054638
0.48877785	0.48231263	0.40292868	0.47912555	0.48867548	0.51722383	0.48544287	0.49160161
4.82600258	5.30837897	5.07492085	5.53551695	6.18260793	6.98848101	7.66678369	8.09927937
0.102673	0.10909004	0.10520215	0.123677	0.15848553	0.21915637	0.10199363	0.09859096
1.48882491	2.31254292	1.76431736	1.71060042	2.31779465	2.73974202	3.34326371	4.09741681
0.01604261	0.00962557	0.01283408	0.01283408	0.01604261	0.03850226	0.03840535	0.06047669
22.3968911	23.9091896	24.577473	27.5398714	29.1755654	31.0414961	34.1096397	32.2950988
3.94569775	4.18693132	3.87073686	4.20395053	4.93368709	5.81110638	6.2736378	6.44939233
37.0424838	38.5275362	45.907259	51.296487	58.3804129	56.8405366	50.6664328	59.9601926
6.84941978	6.2849826	7.16876955	6.67133662	7.17457284	7.38976368	7.765197	8.31703104

5.15312203	7.26068141	8.13689611	9.7241198	10.6609273	11.9826322	12.0494478	13.6315966
4.49974345	4.12779972	3.87093552	4.36480501	5.45543396	5.37306071	6.47086037	7.7924566
0.0347232	0.05997658	0.05681987	0.05997658	0.04419334	0.04419334	0.03787991	0.03787991
6.48262623	6.90039906	7.1223118	7.43204228	7.5431435	8.30059187	8.86331037	9.28376142
62.4869505	71.9999218	74.7701195	71.0052355	82.9469904	78.8508673	85.0028031	91.7724947
1.67074999	1.78635401	1.61512546	1.43660698	1.27939465	1.29981037	1.21697095	1.17564261
0.26981951	0.30423972	0.32602034	0.3695809	0.55227311	0.62062281	0.69588029	0.66505656
254.526093	304.744079	298.399659	290.094593	296.890189	326.524325	325.787513	330.69916
74.0235395	80.1653837	84.1213286	89.2858953	91.2385141	90.1980949	95.6939549	95.9033091
0.29685195	0.34362135	0.28751744	0.28751744	0.52729568	0.38718192	0.33418962	0.29062905
1.97158719	2.06670426	2.15515374	2.24655176	2.34819735	2.36553308	2.5110478	2.5603008
0.03185851	0.04769042	0.05638495	0.05744249	0.06568894	0.10240302	0.07463935	0.08224287
0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677	0.00865714
0.01333184	0.01274048	0.01115362	0.01458487	0.01247667	0.01388479	0.01347297	0.01288742
9.21236446	11.409143	12.1675477	17.5860658	18.3737866	20.8226471	22.8066449	24.2890728
3.83692584	3.98052504	4.11408652	4.47334756	4.99900496	5.77426383	6.72586809	8.29955725
0.05030291	0.07530067	0.08902886	0.09069866	0.10371938	0.16168897	0.1178516	0.12985717
0.72186324	1.28504128	1.12946736	1.02678851	1.17302793	1.31926767	1.46550709	1.61485811
0.00524665	0.00524665	0.00472199	0.00680478	0.10884761	0.10534952	0.10894283	0.11562065
1.18095689	1.54663788	1.94226356	2.56404478	3.21258555	3.77332517	4.048003	4.81291851
0.02666368	0.02548096	0.02230725	0.02916974	0.02495334	0.02776959	0.02694594	0.02577484
0.12815298	0.30006078	0.07185519	0.04375482	0.06252075	0.0474486	0.02839152	0.12980283
0.00040359	0.00040359	0.00036323	0.00052344	0.00837289	0.00810381	0.00838022	0.0088939
5.00456482	5.69579529	6.40471274	6.9674336	7.4489339	7.82230525	8.23756185	8.669824
3.34803298	3.5351708	2.8861403	2.12490259	1.83972616	1.77499894	1.94261513	1.96074239
4.50759314	5.07855024	5.62620728	6.09248734	6.44860877	6.68803344	7.05298817	7.35093537
0.05365643	0.08032071	0.09496412	0.09674524	0.11063401	0.17246824	0.12570837	0.13851431
1.17212747	1.89413503	2.01153467	2.6696379	3.04195564	3.06081848	3.39490104	3.29038227
6.80864575	7.4797711	8.08945383	8.65225735	9.07815051	9.28040671	9.81090604	10.1119311
0.22136041	0.17965471	0.1700306	0.24702569	0.19890367	0.19890367	0.28231507	0.30797961
0.00167676	0.00251002	0.00296763	0.00302329	0.00345731	0.00538963	0.00392839	0.00432857
14.8636573	16.6599777	19.3014711	23.646865	25.0766084	26.29662	31.8954248	33.6375245
1.56916653	1.71014385	1.69096206	1.88638079	2.24827617	2.311856	2.5619226	2.78679613
0.00121077	0.00121077	0.00108969	0.00157033	0.02511868	0.02431143	0.02514065	0.02668169
0.532512	0.427248	0.40248	0.37152	0.43344	0.4644	0.597528	0.60372
0.32065496	0.26942716	0.28004072	0.35270881	0.54226599	0.55386835	0.59920434	0.5967561
0.20121163	0.30120267	0.35611546	0.36279464	0.41487752	0.64675589	0.4714064	0.51942867
0.42627276	0.39826944	0.40138092	0.34848576	0.36093168	0.40138092	0.40138092	0.40138092
0.00169507	0.00169507	0.00152557	0.00219847	0.03516615	0.034036	0.03519691	0.03769573
0.14998319	0.14333042	0.12547828	0.1640798	0.14036256	0.15620392	0.15157094	0.14498348
0.05299221	0.06232665	0.09966441	0.10588737	0.13077921	0.15887958	0.17754846	0.1868829
0.00121077	0.00121077	0.00108969	0.00157033	0.02511868	0.02431143	0.02514065	0.03122168
2.4204812	2.79658388	3.22094288	3.87995917	4.60966714	5.20129174	6.4681357	7.07890274
0.00403589	0.00403589	0.0036323	0.00523445	0.08372893	0.08103809	0.08380217	0.08893896
0.16767635	0.25100223	0.29676288	0.30232887	0.34573127	0.53896324	0.39283867	0.43285723
0.04491942	0.05133648	0.05454501	0.05454501	0.06737913	0.07700472	0.08663031	0.10267296
0.80822373	0.89631106	1.13185427	1.38690899	1.74573428	1.77890425	2.11595832	2.22235068
0.34926216	0.30317226	0.36443136	0.40808913	0.51747618	0.86372391	0.78788379	0.43900983
32.1879524	32.7528719	32.5212388	30.5660787	31.3715334	32.7446937	34.1951148	38.3547636
0.17416777	0.15407601	0.08586459	0.10313961	0.12724014	0.21362271	0.14389877	0.15136484
0.02887677	0.02887677	0.02887677	0.02887677	0.02887677	0.0320853	0.0320853	0.0320853

1.68099329	2.76184883	2.97087336	2.02682049	3.44184825	3.93981296	3.50161446	1.90625697
0.02566824	0.04491942	0.08663031	0.14438385	0.25026534	0.38181507	0.52056465	0.68080146
2.54515035	2.61101214	3.2830186	3.76828014	3.16106148	3.75735964	3.27551113	3.23459889
1.02006843	1.13946927	1.14219255	1.18711197	1.22989629	1.13091123	0.82764192	0.94646634
1.56782445	1.69675188	1.7099946	1.70136672	1.89268458	2.21640552	2.31442872	2.32327686
4.93567769	6.52695432	6.35391254	7.09425781	7.26118653	9.77085149	9.34852682	10.0302628
0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022
0.20121163	0.30120267	0.35611546	0.36279464	0.41487752	0.64675589	0.4714064	0.51942867
151.342683	159.817533	169.051732	174.919221	188.741573	198.030105	217.697029	226.521128
32.7313943	37.2034563	35.6793889	33.4470785	36.9208832	41.3594172	42.150623	34.6818771
8.67734759	9.59580035	10.5060933	11.4231009	11.9504053	13.0195813	13.2937227	13.8275176
1.93847588	2.36715245	2.55328295	3.41265051	4.25999247	2.85328752	2.82726567	4.1419167
0.05400178	0.05717919	0.06035754	0.05400158	0.05717636	0.23504326	0.38116227	0.20327997
0.02515145	0.03765033	0.04451443	0.04534933	0.05185969	0.08084449	0.0589258	0.06492858
1.27683619	1.74878774	1.48031678	2.43706402	0.853478	1.39420458	1.39077995	2.28886049
0.00173543	0.00173543	0.00156189	0.00225081	0.03600344	0.03484638	0.03603493	0.03824375
44.5991413	48.728483	51.0554355	45.8859908	53.1820557	53.9528917	54.02401	50.0641868
575.620124	619.735155	661.187786	699.744812	734.636785	748.361037	792.300221	814.703489

2.00450642	2.47735218	3.27948468	3.60033768	5.24520067	7.93378527	11.2340043	15.5606604
12.0929793	13.4862828	13.3917555	14.6808622	17.668189	18.5256668	20.7792757	22.8314131
0.19397927	0.17832483	0.17832483	0.18454779	0.18143631	0.26272298	0.30968632	0.35976114
0.35159724	0.39204648	0.40138092	0.58806972	0.46361052	0.5133942	0.5600664	0.60985008
2.70524577	3.2401233	3.2550123	3.41642106	3.71850975	4.04026479	4.62985391	4.83222549
0.00051513	0.0005503	0.00056758	0.00057043	0.0006358	0.00133183	0.00117558	0.00085843
0.01173734	0.01757016	0.0207734	0.02116302	0.02420119	0.03772743	0.02749871	0.03030001
0.00201794	0.00201794	0.00181615	0.00261722	0.04186446	0.04051905	0.04190109	0.04446948
0.32991408	0.35208234	0.35830555	0.51717905	0.38951725	0.32728768	0.14011377	0.00943141
0.00318835	0.00318835	0.00286952	0.00413521	0.06614585	0.06402009	0.06620372	0.07026178
0.0333296	0.0318512	0.02788406	0.03646218	0.03119168	0.03471198	0.03368243	0.03221855
8.0718E-05	8.0718E-05	7.2646E-05	0.00010469	0.00167458	0.00162076	0.00167604	0.00177878
0.46661437	0.44591685	0.39037687	0.51047048	0.43668352	0.48596776	0.47155402	0.45105972
6.16972645	6.34393288	6.50266795	6.72968044	6.90126571	7.01418277	12.5779182	12.221308
0.18933679	0.20629136	0.2039928	0.22759004	0.27117851	0.27877012	0.30887294	0.33593915
9.6160363	7.91319902	9.44128764	5.56138146	8.19024232	8.40434482	8.89909966	10.3744753

0.00060538	0.00060538	0.00054484	0.00078517	0.01255934	0.01215571	0.01257033	0.01334084
1.13432562	1.10953083	1.01501595	0.90115284	0.82814841	0.39154683	0.69287394	0.96073197
0.00296433	0.00283284	0.00248	0.00324294	0.00277418	0.00308728	0.00299571	0.00286551
0.00080718	0.00080718	0.00072646	0.00104689	0.01674579	0.01620762	0.01676043	0.01778779
0.09946443	0.06737913	0.0641706	0.04812795	0.04812795	0.0641706	0.07379619	0.07700472
3.60178544	4.24915208	4.20714648	4.25913549	5.18632639	6.68309847	8.81077132	8.88372197
0.50919072	0.51153301	0.53730018	0.54654308	0.60129398	0.63448709	0.6726938	0.71298374
3.34288367	3.35826102	3.52742484	3.58810529	3.94755001	4.16546579	4.41629631	4.68080351

0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677	0.00865714
0.89831835	0.88690761	0.85616568	0.94149999	1.11516669	1.24954596	1.31393313	1.41205542
0.97822017	0.98155035	1.09231191	1.11400461	1.23980589	1.54184466	1.78125159	2.16765057
9.07179396	9.76347155	10.5298102	11.3169199	12.8045077	14.1220835	13.7629255	13.365502
11.0861905	12.9031404	12.6652147	14.0319744	17.5896984	19.9041644	20.9413256	21.3963287
0.28235064	0.25026534	0.23101416	0.25347387	0.22780563	0.23743122	0.20534592	0.22138857

173.588202	188.755395	201.957256	214.858834	224.384467	227.700401	241.000499	246.950956
1.24856128	0.9176469	0.92390099	1.22958809	1.17281041	1.10662694	1.17917982	1.42510291
1248.08202	1322.30704	1304.88657	1303.55768	1408.74945	1511.09563	1487.40045	1521.45171
19.0779578	20.4316629	21.917094	23.1321041	24.5708117	25.328741	26.7985614	27.8304376
0.00999888	0.00955536	0.00836522	0.01093865	0.0093575	0.01041359	0.01010473	0.00966557
6.613621	8.07022394	8.21029294	8.67486241	8.87581004	8.27178731	11.5440445	14.784731
0.00666592	0.00637024	0.00557681	0.00729244	0.00623834	0.0069424	0.00673649	0.00644371
2.04661091	2.22177169	1.89910685	2.21946655	2.76338503	3.30730448	3.22202923	2.99155505
0.01341411	0.02008018	0.02374103	0.02418631	0.0276585	0.04311706	0.03142709	0.03462858
0.01173734	0.01757016	0.0207734	0.02116302	0.02420119	0.03772743	0.02749871	0.03030001
0.1874652	0.18445077	0.20331375	0.18493602	0.22625871	0.23880168	0.28955586	0.33087855
69.0134065	77.1159883	85.2812879	96.17339	104.52361	105.245584	82.0933408	89.5481677
0.34463311	0.3402764	0.34463311	0.35631905	0.30521859	0.26782321	0.23510296	0.1743357
0.98066712	0.99343622	1.87195142	0.71507005	1.07771253	0.57716406	0.85042278	0.86829934
0.00052731	0.00054645	0.0005564	0.0005823	0.00060154	0.00061712	0.00062877	0.00064743
0.16333189	0.18547881	0.2018113	0.199605	0.25923728	0.25580138	0.23719471	0.21987159
0.31967029	0.38816388	0.42587472	0.45144644	0.15932806	0.15887416	0.20557367	0.20488811
9.7626E-06	9.8448E-06	9.905E-06	9.9546E-06	1.0001E-05	1.0042E-05	1.0075E-05	1.0081E-05
0.49125636	0.60847787	0.62872161	0.56574708	0.5963353	0.61035879	0.68505103	0.74153319
0.00141914	0.00143084	0.00144155	0.00145199	0.00146227	0.00147232	0.00148242	0.00149294
0.70964675	0.73816243	0.74476649	0.74272788	0.78076928	0.82188741	0.87408476	0.89645217
4.29126278	4.12231088	4.02648	3.97208499	4.29089284	4.42000323	4.62486824	4.89550812
0.53538657	0.55176885	0.56858584	0.59014099	0.60016806	0.60826263	0.60759234	0.59976672
0.00065322	0.00068521	0.00068719	0.00073123	0.00075952	0.00078113	0.00079546	0.00081808
8.31907913	8.79896135	8.91474536	8.65194731	8.89956934	8.80195727	8.8068724	9.06580801
5.48383002	5.49353865	5.73290965	5.12429773	5.88470827	5.9465174	5.87622253	5.96191112
0.71166585	0.74755857	0.77229714	0.78910084	0.81693721	0.83621593	0.84482228	0.82954072
0.00912004	0.00920749	0.00931218	0.00937381	0.00937599	0.00959416	0.00969448	0.01000035
10.9615297	11.1306901	11.3812236	10.2850064	9.44793744	9.32430877	9.11407856	13.2040112
0.0615573	0.06668086	0.06736535	0.08564888	0.0853309	0.09207063	0.07158865	0.1268838
0.01542281	0.01557408	0.01595307	0.01614578	0.01585447	0.01616053	0.01612089	0.01687388
0.3868064	0.48035742	0.28891923	0.53047339	0.60333155	0.56527778	0.5912739	0.72830766
6.16592175	5.58909849	5.97279092	6.21290379	7.57022543	8.02156325	7.75227624	8.1109989
0.24294159	0.21291847	0.23732875	0.23424979	0.24611512	0.24739107	0.25371339	0.26015395
0.4859943	0.46780514	0.388563	0.18836144	0.13507106	0.15695813	0.17803255	0.23943665
0.53728329	0.6104567	0.62693944	0.62067066	0.63259125	0.63501937	0.63836521	0.68427406
2.80565359	2.88892712	2.99893369	3.20589335	3.42216215	3.54321819	3.63276765	3.76230777
0.0012267	0.00125806	0.00126959	0.00130364	0.0013274	0.00134573	0.00135811	0.00137659
0.00078387	0.0008435	0.00086331	0.00093494	0.0009797	0.00101086	0.00102855	0.00105913
0.14473386	0.10258932	0.11895844	0.13054652	0.12753874	0.14904043	0.14271783	0.13881406
15.2672278	16.9869205	17.5794537	19.3481184	20.276822	21.5435009	22.6464148	24.8208989
0.00274199	0.0028513	0.00288961	0.00301732	0.00309742	0.00315221	0.0031835	0.00323722
0.02648454	0.02755195	0.02778246	0.02786267	0.02908386	0.0305494	0.03221144	0.03313785
0.03779726	0.0394097	0.03963966	0.03967406	0.04153287	0.04374158	0.04630168	0.04767149
0.00476314	0.00491398	0.00498701	0.00509768	0.00523187	0.00532459	0.00536171	0.0056066
0.00529759	0.00536452	0.00550597	0.00545094	0.00540747	0.00546215	0.00541807	0.005656
19.0615633	19.8848599	19.250043	18.3005776	19.2837633	21.3843801	22.8012185	22.1378068
4.65191065	4.65588883	4.32992758	3.59203405	3.47668279	3.54939665	3.60011202	3.75412491
2.69769586	2.79026351	2.84074793	2.63880549	1.0917757	1.17432368	1.19714826	1.40237387
92.0425331	97.4593624	96.7884267	96.911883	102.142155	109.519728	119.261902	128.717161

0.30715562	0.33448974	0.31669135	0.3568637	0.39719272	0.42907519	0.46907561	0.49775051
0.16438708	0.17915824	0.15623128	0.19609513	0.21528125	0.24535243	0.27718994	0.32928073
0.38493912	0.42368058	0.511173	0.53114454	0.39115704	0.38554335	0.35336268	0.35524064
0.04729849	0.04035694	0.02338107	0.03338533	0.03313532	0.02916325	0.03852172	0.03377804
0.00010701	0.00011273	0.0001122	0.00012167	8.6198E-05	8.1176E-05	0.00012297	0.0001158
2.58411291	2.7168901	2.78859771	2.67120261	3.04245037	2.91049569	3.37395653	3.43643861
0.00075427	0.00077367	0.00079823	0.00079504	0.00075825	0.00079387	0.00077065	0.00082717
0.00202277	0.00207187	0.00213814	0.00199284	0.0015895	0.00167724	0.00134089	0.00159299
0.14375023	0.1491597	0.16810562	0.17808951	0.185205	0.20644802	0.24582102	0.26431676
0.94724597	1.12355607	1.21921156	1.29200181	1.64368916	1.72773974	1.62181798	1.86412924
0.00010669	0.00012479	0.00013556	0.00016018	0.00018007	0.00019779	0.0002125	0.00023115
0.45340809	0.45400384	0.37573893	0.46508922	0.6638174	0.66463995	0.65949535	0.66011552
7.01917294	7.21903855	7.54402065	7.75574865	8.04211771	8.32920725	8.49968177	8.42649284
68.5819074	70.4755087	64.7142037	59.1173913	65.973439	62.3116537	64.2608316	64.8894473
0.00709016	0.00734454	0.00769297	0.00703015	0.00514594	0.00559254	0.00402061	0.00524665
0.00028685	0.00029033	0.00029176	0.00029641	0.00030035	0.00030407	0.00030712	0.00031054
2.26232452	2.25940289	2.03601074	1.8628495	1.87659391	1.80787344	1.99267479	1.87461601
0.35974418	0.31275204	0.34167301	0.29610407	0.34310822	0.44046853	0.43074986	0.45638874
0.77404868	0.8290859	0.87407222	0.81141651	0.9186973	1.10044429	1.66652414	2.10622047
0.25662332	0.25529097	0.28258967	0.31046208	0.31126218	0.31637049	0.41229173	0.53000255
2.52269142	2.1857295	2.15124805	2.42550247	2.55985174	2.54041236	2.44279778	2.60832313
0.02074199	0.01985199	0.01853598	0.01854274	0.01994265	0.02060996	0.02136773	0.02179844
0.00084573	0.00085825	0.00087126	0.0007992	0.00062637	0.00068599	0.00059207	0.00073771
22.9465211	20.0019016	20.4486899	20.516352	21.8819516	22.6132905	24.0569752	23.6954047
0.57660032	0.59804508	0.62412018	0.66222948	0.69270994	0.7177462	0.72650897	0.73556335
0.16620257	0.17920312	0.16441981	0.15158096	0.13110915	0.17913563	0.13445321	0.13407551
2.7326257	3.05825181	3.23241238	2.75261026	2.56312599	2.46161168	2.44750592	2.73973317
0.05141375	0.05315634	0.04973981	0.04421795	0.04033752	0.0440089	0.04934605	0.04917291
2.7788E-05	2.8666E-05	2.8767E-05	2.9935E-05	3.0557E-05	3.092E-05	3.102E-05	3.1417E-05
41.7136663	42.6048135	41.4434597	37.006849	40.8652805	39.1224524	38.6518006	38.9498346
9.0779E-05	9.1425E-05	9.2249E-05	9.2842E-05	9.3376E-05	9.3835E-05	9.256E-05	9.4527E-05
0.02944428	0.03405787	0.03963246	0.05006231	0.05882753	0.08485878	0.06851356	0.0498577
23.4847475	24.4208158	22.61997	22.0152917	23.5315393	22.4441001	23.2154758	23.2989533
3.49377142	3.08667351	2.58719187	2.72946432	2.40846121	1.8686744	1.65805932	1.82724945
0.48883749	0.47104732	0.53737129	0.58827443	0.61110059	0.547819	0.44364652	0.42126199
6.157E-05	0.00067911	0.00067917	0.00067923	6.1889E-05	6.1967E-05	6.2017E-05	0.00067945
0.07218221	0.07444632	0.07480935	0.07399741	0.07548423	0.07872541	0.08175353	0.08398267
0.06667019	0.06907973	0.06939855	0.06869254	0.07142015	0.0749734	0.07840871	0.08063155
0.00178461	0.0018445	0.00191394	0.00187141	0.00169531	0.00177488	0.00162929	0.00179617
0.00196163	0.00200654	0.00205574	0.00204381	0.00195428	0.00200428	0.00193172	0.00202955
0.00063552	0.00060668	0.00057809	0.00055445	0.00053633	0.0005234	0.00051822	0.00052371
7.13171329	4.90475294	5.15545488	5.49845873	5.7585097	6.55221207	6.9597629	7.37399944
0.0003192	0.00032192	0.00032122	0.000324	0.00032424	0.00032312	0.00032155	0.00032197
0.00047816	0.00048385	0.00048796	0.00049079	0.00049224	0.00049248	0.00049232	0.00049282
0.1726203	0.20439339	0.22689176	0.22622828	0.28270823	0.30732003	0.31361817	0.34179946
0.00020435	0.00024459	0.00025691	0.00030442	0.00033633	0.00036123	0.00037731	0.00040347
0.00165395	0.0016695	0.001679	0.00169674	0.00171294	0.00172307	0.00174121	0.00174139
0.24761602	0.26258458	0.33060205	0.313248	0.40929872	0.53529778	0.62490084	0.64204694
0.10213466	0.12172576	0.11123721	0.13782851	0.11952424	0.09553965	0.10577283	0.10523024
7.24778123	7.10736492	6.52551677	6.8496399	5.76790298	5.06934717	4.8176996	5.4659609
0.16659995	0.18449651	0.19024743	0.19291975	0.24145998	0.25166224	0.24117539	0.21643132

4.1592547	4.51434933	4.43168748	4.90018583	5.96323081	6.22717959	6.37543865	6.52214413
0.97403602	1.14701228	1.39484069	1.58702101	1.85096082	2.74507432	4.87681243	3.96803649
17.742066	16.9229578	16.0699583	17.6036521	19.4476205	19.5878801	20.1253499	19.9339053
1.05835456	1.14544538	1.2062022	1.15024432	0.9821656	0.98319311	1.11268959	1.57867194
2.8700669	3.00140014	3.74262534	4.16499538	4.67333691	4.96568052	4.73038257	5.20277384
1.06268693	1.03150774	1.04264276	1.3214403	1.79397545	1.99742549	2.80676967	3.65979391
0.74129906	0.90976694	0.85555509	0.74691992	0.79267584	0.81874448	0.77021439	0.78882101
1.09430197	0.97822417	1.28247473	1.51345838	1.47517817	1.35764785	1.39831819	1.3588567
33.0767072	33.1584824	32.1078949	30.1271877	32.7124081	31.9270177	32.1666283	32.3506786
0.37824555	0.37513056	0.78151969	0.35268541	0.28198656	0.27708507	0.26956918	0.27118925
0.3385915	0.31703881	0.30337955	0.29172082	0.29684473	0.27592576	0.28476945	0.32147651
83.9401032	91.4950149	85.4042651	75.1254651	80.5097071	82.0224476	88.9348472	90.3300215
14.1610459	15.7946209	15.384666	13.7485935	14.284407	14.5375209	13.8366573	14.3118058
0.50905184	0.49568322	0.5512714	0.55273563	0.5938144	0.72079971	0.72139667	0.70843051
0.54441933	0.56562499	0.58821699	0.61905736	0.62765158	0.63726958	0.63413723	0.6190425
0.04176973	0.054413	0.04069211	0.04066057	0.04006614	0.0396146	0.01980075	0.01443859
0.00018702	0.00019493	0.00019674	0.00020882	0.00017619	0.00017422	0.00021918	0.0002151
0.00016543	0.00017112	0.00017261	0.00017945	0.00018317	0.00018486	0.00018514	0.00018671
6.21811238	7.09295212	7.43506355	8.33480039	9.55273408	10.9753726	12.1919533	14.1642918
0.6128496	0.73169394	0.69434175	0.67354661	1.13108503	1.07722838	1.25512008	1.47646213
0.00739936	0.00764742	0.00779288	0.00805957	0.00764259	0.00766727	0.00836124	0.00837651
0.9432711	0.94047862	0.99848184	0.96236	0.9821654	0.80009654	0.76363271	1.09900963
0.05682305	0.05598074	0.05478107	0.05602614	0.06000283	0.05984515	0.07066537	0.09661687
0.2646804	0.28019426	0.48342005	0.54148045	0.79338876	0.78204503	1.11126828	1.49004088
0.00042454	0.00043974	0.0004466	0.00046522	0.00047966	0.00049147	0.00050095	0.00051288
0.21796024	0.23778529	0.26403171	0.22458688	0.19697963	0.20983627	0.3160867	0.35912166
0.00328061	0.00336306	0.00345607	0.00344309	0.00330297	0.00341642	0.00333723	0.00354152
1.40954086	1.47054123	1.53789822	1.64991489	1.73081581	1.79400846	1.82009417	1.82568945
0.76457708	0.78131672	0.92262237	0.71759196	0.69177509	0.66740653	0.73270996	0.76127043
0.79463097	0.82694026	0.84546685	0.87613005	0.9092677	0.93827421	0.95239199	0.93871651
0.00498472	0.00507485	0.00506884	0.0052303	0.00467387	0.00460546	0.00528855	0.00518732
0.79259593	0.82749333	0.96325872	1.01685457	1.06425154	1.28969889	1.38381908	1.61316017
0.63875537	0.6611724	0.68019062	0.70561188	0.72149046	0.74024481	0.73841351	0.71790808
0.05201875	0.05581288	0.04988298	0.04741797	0.05222067	0.04375336	0.05122292	0.05053108
0.00031152	0.00032333	0.0003323	0.00034637	0.00033793	0.0003448	0.00037537	0.00038203
14.8311088	15.4828304	15.8056909	16.0317877	16.8715638	17.4218397	19.8422296	20.7610294
4.9861854	5.98657855	6.04820518	3.81942503	4.11880642	4.16960154	3.55427964	4.48863593
0.03677538	0.04017753	0.03716492	0.04080114	0.03526432	0.03412812	0.03348305	0.03083715
0.02763597	0.02762748	0.02679804	0.02622892	0.02423731	0.02773012	0.02500593	0.0264036
0.17117417	0.16270904	0.15270423	0.15901315	0.184993	0.2047336	0.19889761	0.26907151
0.10983681	0.11204218	0.12357817	0.11823642	0.11379333	0.084467	0.11619203	0.13114464
0.25619802	0.32717098	0.25210475	0.14925764	0.1360432	0.18545324	0.18650287	0.16206671
0.03443941	0.03563668	0.03584623	0.03540954	0.03589446	0.0376268	0.03877252	0.04012004
0.05695126	0.05911078	0.05936352	0.05908138	0.06115576	0.06426588	0.06766254	0.0692961
0.00824717	0.00873921	0.00601373	0.00883984	0.00889549	0.00895597	0.00968871	0.00974802
0.0489191	0.05631293	0.05313768	0.06344467	0.05390582	0.05842363	0.06464186	0.06808933
0.7566792	0.83821735	0.85689376	0.89103911	1.06322054	1.28555105	1.51157949	1.57819049
0.0315557	0.03226435	0.03113433	0.02371851	0.01986914	0.0201767	0.01723353	0.01858942
0.03183993	0.03119893	0.03765764	0.03425534	0.03057544	0.02743664	0.03107959	0.03374873
0.02804903	0.02671118	0.02217539	0.02108428	0.02990463	0.03092088	0.03356146	0.03048372
0.73549406	0.74073526	0.72602138	0.73025886	0.76951276	0.75640046	0.77113054	0.94527732

0.12684007	0.16973218	0.15280992	0.12938306	0.13757442	0.14524748	0.13308255	0.07895961
7.73016855	8.03294344	8.20386711	7.76368118	10.0846967	9.83343428	9.79363518	9.23282065
12.1983683	13.0249995	12.0541609	10.8064946	11.1448985	10.5461284	10.130143	10.8281737
0.06912207	0.07325714	0.0941823	0.07575074	0.08860999	0.08265381	0.0708575	0.07133759
0.87911193	1.03040695	1.04252679	1.00722935	1.04638599	1.02534821	0.97772517	0.96511949
0.036875	0.03981416	0.04045936	0.03753626	0.03974414	0.04003204	0.04140096	0.0427256
2.01408997	2.21009292	2.3695961	2.46598984	2.42404531	2.33629871	2.40485585	2.50052711
0.1400513	0.21860575	0.19903734	0.14127845	0.14302697	0.13739013	0.15042646	0.24887525
1.01507179	1.15100188	1.21998657	1.22810867	1.29412125	1.26426282	1.28660344	1.44651477
2.47736166	3.14956248	2.81486546	3.1610437	3.20664031	3.2120841	3.15404186	4.75990087
0.00292058	0.00292089	0.00292112	0.00292125	0.00292126	0.00292117	0.00292105	0.00292101
0.01013201	0.0106452	0.01079766	0.01156762	0.00965693	0.00958484	0.01232195	0.01212716
20.2850014	22.9186719	23.7293434	24.6417315	25.8117394	26.6860209	26.7420064	23.0173996
0.90482434	0.92680135	0.9317678	0.78533668	0.74930147	0.65662765	0.66869248	0.6664517
5.00190913	5.17590075	5.06533967	5.86850871	5.72357764	5.83448275	5.78055336	6.35431763
2.9184753	3.30655704	3.33817371	3.33988798	3.33237151	3.70628163	3.58025417	4.26728006
0.06939338	0.07081903	0.08251476	0.09963216	0.11282905	0.15261078	0.12501415	0.11568837
0.00167826	0.00176	0.00179666	0.00191116	0.00169029	0.00170082	0.0020619	0.00205561
0.27163106	0.32495512	0.44357412	0.42634275	0.48179318	0.53929901	0.69105602	0.9289797
0.07335442	0.07595178	0.07613748	0.07525538	0.0773166	0.07845229	0.06509829	0.07827154
13.3689296	13.9595215	15.2105736	15.8203518	17.7840207	18.3806773	19.9937964	20.8989453
100.050186	104.416557	104.44041	106.769328	111.635683	113.096633	113.004174	111.658646
0.00905925	0.00933532	0.00962604	0.00995858	0.01028325	0.0106302	0.01097682	0.01135506
1.38116124	1.39082674	1.49687623	1.57959103	1.58734198	1.72828778	2.02019748	2.46688293
1.82765306	2.00171447	2.13551178	2.61950983	2.32509742	2.35912986	2.5713801	2.74529746
0.13226068	0.13870444	0.14258877	0.14717768	0.10400032	0.11566455	0.1341572	0.13227375
0.17724411	0.15766047	0.17563857	0.18623861	0.20496548	0.17734653	0.18978737	0.19847068
0.61875914	0.62247219	0.66953857	0.74175542	0.86817791	0.90727872	0.95167362	0.99190546
7.5385E-06	7.6273E-06	7.7113E-06	7.7747E-06	7.8332E-06	7.8737E-06	7.9053E-06	7.9444E-06
0.0006583	0.00069551	0.00071488	0.00076589	0.00066007	0.00066256	0.00082925	0.00082434
0.00960034	0.00984335	0.0101337	0.00992166	0.00909719	0.00944385	0.00878158	0.00952534
0.11732512	0.12759305	0.1546629	0.17509246	0.16543041	0.1709018	0.25827573	0.28135001
0.01473664	0.0150543	0.01557838	0.01574278	0.01523902	0.01689915	0.01692453	0.01911626
2.5905E-05	3.9923E-05	4.3509E-05	6.0878E-05	7.1267E-05	7.8173E-05	8.1587E-05	8.8441E-05
0.00030842	0.00031642	0.00032583	0.00031614	0.0002826	0.00029618	0.00026953	0.00029858
0.10203138	0.12550504	0.12004542	0.07747671	0.10393284	0.10797061	0.12691971	0.12518249
5.38263266	5.319644	5.24268736	5.38421055	5.73942103	5.89211723	5.60132985	5.98354558
1.76945313	1.95498185	2.01711774	1.72206834	1.80463521	1.83573865	1.79121138	2.02707672
5.2533083	5.68532743	5.4785612	4.57061027	4.39392246	4.00233953	3.81427697	4.08494377
0.00119034	0.00121702	0.00127196	0.00132168	0.00135797	0.00136225	0.0014535	0.0014694
0.00120451	0.0012439	0.00129614	0.00119565	0.00091001	0.00097374	0.00073321	0.00091247
0.56059289	0.47011338	0.5379509	0.58110269	0.63697352	0.78119405	0.82236523	1.14187856
1.0123E-05	1.1658E-05	1.2293E-05	1.4128E-05	1.5306E-05	1.6159E-05	1.6711E-05	1.7634E-05
0.01327784	0.01352343	0.01399335	0.01409247	0.0147498	0.01852385	0.01846303	0.0186658
0.05857348	0.06223831	0.06683874	0.07697575	0.08043186	0.11828816	0.15895548	0.14464736
2.02758276	2.19420007	2.29705564	2.32033493	2.57312869	2.89034723	2.8982541	2.97461389
0.63736926	0.67571353	0.70891204	0.75482327	0.78377289	0.80610806	0.81415408	0.82791904
0.66015432	0.69516891	0.71684583	0.74926802	0.76520691	0.77606129	0.7757334	0.75685693
0.00143342	0.00146829	0.00149044	0.00149042	0.00146274	0.0014162	0.0013619	0.00131672
0.0002817	0.00028733	0.00028694	0.00029837	0.00026532	0.00026372	0.0003094	0.00030559
0.53629378	0.39048821	0.37747829	0.32536435	0.6648856	0.67804279	1.31191577	1.12868932



0.48006833	0.43474391	0.39221448	0.42929977	0.50873664	0.56954008	0.77919007	1.01228684
6.23666732	6.98980739	6.96452803	7.70194487	8.31998149	9.02149749	10.1705992	8.81175481
6.15363514	6.38959614	6.25129224	6.20043265	6.60643857	6.88891594	7.6606333	7.75259904
0.15490986	0.19270809	0.18363707	0.17021207	0.15637373	0.15836501	0.15203735	0.17811364
0.12715488	0.12276748	0.12712236	0.09911533	0.08489417	0.0798422	0.05165434	0.05305349
50.7266761	52.3839329	51.2989254	51.9276382	53.2425164	52.9468875	52.4011142	52.128927
0.28444012	0.30572841	0.31216614	0.35030285	0.3862082	0.38508966	0.38967344	0.38559666
135.459504	140.411704	131.639475	114.321749	136.734219	143.902837	143.856359	145.017501
4.99604088	5.20470544	5.44729327	5.85284679	6.16483424	6.39322836	6.50513348	6.55133553
0.0003328	0.00034076	0.00034553	0.00035422	0.000361	0.00036659	0.0003711	0.0003766
2.42128868	2.72869282	2.87116112	2.71873682	3.37074913	3.56119538	3.37510404	3.74683477
7.6064E-05	7.9831E-05	8.136E-05	8.55E-05	8.8056E-05	8.9793E-05	9.0966E-05	9.3259E-05
0.66524952	0.83134725	0.83048507	0.78070454	0.9107677	1.0176216	1.05990232	1.01954747
0.00052619	0.00055844	0.00056646	0.00061621	0.00048599	0.00047113	0.00065153	0.00063289
0.00060738	0.00063374	0.00063566	0.00067398	0.00055664	0.00054558	0.00069779	0.00067788
0.47039899	0.48036708	0.48726423	0.47980266	0.55236283	0.58174178	0.609495	0.62062393
17.1970414	18.1988202	17.568582	15.2641761	15.2673629	14.2190557	13.786644	14.9675044
0.4490617	0.39987672	0.42589717	0.40104491	0.41026206	0.46813952	0.45443998	0.45375302
1.67255567	1.90511411	1.97021923	1.41354414	1.40504367	1.35596117	1.12777359	1.34866954
0.00187197	0.00230435	0.00296092	0.00425611	0.00495096	0.00549607	0.00615449	0.00571503
0.26472148	0.25243843	0.2451942	0.28436871	0.25748836	0.28544371	0.30300427	0.32694344
1.71547648	1.44751811	1.30189974	1.0984359	1.10702266	0.64881389	1.33304983	1.05515457
0.00169454	0.00155597	0.00177705	0.00196405	0.00174495	0.00193384	0.00218494	0.00235757
179.759531	187.494406	180.478129	174.582471	174.907983	190.798505	197.866282	204.56754
0.77949378	0.7870963	0.8273808	0.85841032	1.00092988	1.0351158	1.12135336	1.26179105
1.49131898	1.36835605	1.25243307	1.16766079	1.35644492	1.38552926	1.67550766	1.54934807
0.54189372	0.77051841	1.01062665	1.65045057	2.17756038	2.28962703	2.55507978	3.29879922
24.9782304	25.5280397	25.9163414	24.4291723	24.6264064	26.0888182	26.611119	28.6912839
1.05740102	1.14858394	1.25718543	1.38410371	1.49589701	1.52356468	1.56181816	1.62135572
0.00595628	0.00658386	0.00767647	0.01009924	0.01083022	0.01115145	0.01164362	0.0101279
34.3398092	38.0723153	39.1623008	40.7179321	42.0194483	44.7446087	47.2108402	48.3324527
10.428479	11.1488584	10.2942308	10.3879634	10.5704133	11.0222879	11.7574394	12.3722488
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0.00676037	0.00744649	0.00755917	0.00928875	0.01184968	0.01524758	0.01637538	0.01817105
12.6469876	12.9492786	12.5613661	13.4312925	14.2746334	14.9768589	15.3767856	16.2809428
0.32446502	0.31804797	0.32694635	0.35582304	0.17976963	0.231002	0.26888104	0.26588016
0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802	0.07787594
0.24784179	0.23275456	0.49607568	0.62193042	0.656608	0.64098066	0.66644117	0.85482322
4.33987972	4.25829334	4.00462489	3.97117768	3.9718881	3.98029991	4.0249441	3.96395992
0.21796027	0.23037878	0.27167397	0.36378657	0.47504603	0.58578624	0.66796135	0.61548223
0.05956278	0.06583861	0.07676469	0.10099242	0.10830218	0.11151449	0.1164362	0.10127895
1.75143696	1.82469737	2.07524323	2.02453127	2.0676517	2.22958311	2.37647983	2.44922221
9.13928085	9.43882477	9.81015386	10.36798	10.5444886	10.5188094	10.5284778	10.5657433
0.00340359	0.00376221	0.00438655	0.005771	0.0061887	0.00637226	0.0066535	0.00578737
0.00808352	0.00893524	0.01041807	0.01370611	0.01469815	0.01513411	0.01580206	0.013745
1.07816657	1.16347988	1.27685597	1.53617172	1.69515306	1.94873064	2.18975153	2.20454768
47.7506538	56.2883881	62.0748686	66.1103052	71.3534615	69.4609786	74.3120781	77.6722609
0.01425252	0.01575424	0.01836869	0.02416604	0.02591517	0.02668382	0.02786152	0.02423461
0.06209282	0.08382528	0.09934834	0.09934834	0.1397087	0.16765056	0.16765056	0.20180152
0.00075635	0.00072125	0.00070055	0.00081248	0.00073568	0.00081555	0.00086573	0.00093412
0.07610076	0.08893485	0.10456216	0.11397979	0.1297111	0.14544209	0.16759012	0.18973817

0.00965767	0.01063784	0.01079881	0.01326964	0.01692811	0.02178226	0.0233934	0.02595865
89.8123687	97.905493	102.321047	104.297369	109.138956	110.706835	116.35248	127.072456
9.52864268	9.91204536	9.49527234	9.00691936	9.00344658	9.56404776	9.70772336	9.72117186
5.83710543	5.49502347	5.21958448	4.53137946	4.61522162	4.85393854	5.37487018	5.80476485
50.1199557	54.413841	58.8471291	65.9087235	66.9060348	74.1173223	71.9892014	74.8971127
0.95776615	0.91223037	0.95456468	1.01364986	1.21704218	1.30241876	1.41222382	1.49398366
0.61620943	0.64083879	0.62262646	0.74909736	0.70086586	1.0091843	1.03122838	1.10894823
0.44085887	0.49363773	0.53710265	0.56504451	0.5277887	0.46259133	0.52157959	0.61161398
0.38201076	0.3595353	0.38168335	0.39430949	0.5156104	0.38421752	0.47067162	0.45474627
0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726	0.00934124
7.13175234	7.68941516	8.60046847	9.30341087	9.92140757	10.3179228	11.0206376	11.5013453
0.0028973	0.00319135	0.00323964	0.00398089	0.00507843	0.00653468	0.00701802	0.00778759
0.02028111	0.02233947	0.0226775	0.02786624	0.03554903	0.04574274	0.04912614	0.05451315
0.7683488	0.8403788	0.91148613	0.99107595	1.08329222	1.17882068	1.31222848	1.34214428
4.04139924	4.41410734	4.32064645	4.57552027	4.58432296	4.77335561	5.01949322	5.2941611
0.00170179	0.00199867	0.00246744	0.00342653	0.00386794	0.00418179	0.00457428	0.00415967
0.66230766	0.73656293	0.54188447	0.43986366	0.47110803	0.51444166	0.57323611	0.59816707
5.70372229	6.11698844	5.75644513	6.46555833	6.93279061	7.28901797	7.14773532	7.31494531
103.756156	106.679464	102.277029	105.973315	107.51389	113.423319	122.591649	126.261295
0.09657671	0.10637842	0.10798808	0.13269639	0.16928111	0.21782257	0.23393401	0.25958645
0.00042545	0.00047028	0.00054832	0.00072137	0.00077359	0.00079653	0.00083169	0.00072342
7.68049416	8.01216506	7.91130463	8.66191707	8.86918795	9.07402965	9.30378141	9.29878587
1.49477862	1.5698041	1.67163406	1.74561907	1.81010817	1.8427059	1.78943311	1.92936358
2.63986362	2.98069124	3.28226914	3.65340789	4.12441394	4.54086356	5.19431692	5.66811621
1.82868423	2.063396	2.24298057	2.65724734	2.95044652	3.60152901	4.18578456	3.45741828
4.60719209	4.47662705	5.124718	4.62965526	5.25401935	6.0072112	6.2999277	6.76438043
0.05840756	0.06534931	0.06690649	0.06126654	0.06344418	0.06834459	0.07968791	0.08098713
0.0177553	0.0190767	0.01953866	0.02201319	0.02956494	0.03464419	0.03436867	0.03564471
27.1282019	32.3955438	35.1066478	36.3155361	39.8541986	39.3293155	41.565746	46.8499407
2.40514693	2.46254014	2.5333274	2.62563678	2.64290844	2.61702514	2.58625319	2.56855854
0.45970787	0.50958461	0.5358653	0.46378548	0.48354791	0.51052535	0.57556325	0.62331478
6.62706611	7.16294307	6.99555422	7.53662568	7.62259515	7.6762596	7.78142307	8.38457785
0.26850322	0.2560447	0.24869697	0.28843112	0.26116677	0.28952148	0.3073329	0.33161406
0.00017018	0.00018811	0.00021933	0.00028855	0.00030943	0.00031861	0.00033267	0.00028937
65.8896851	71.6623112	71.12981	73.4031672	80.1067505	80.8584847	86.4202772	86.7951796
	0.03725581	0.03725581	0.04346492	0.07865469	0.4348015	0.55372504	0.25916367
76.2537525	81.3246464	79.1128029	77.7835835	80.6406101	82.8130119	86.7918575	88.528474
4.9112381	4.98194089	5.07327427	5.1736661	5.14420471	5.05779715	4.94551369	4.85688489
1.04585195	1.10484022	1.1384241	1.22712024	1.2773138	1.36300905	1.365802	1.15188172
0.02493095	0.02482337	0.02493095	0.02482337	0.02177423	0.02177423	0.01861783	0.0342935
0.05408296	0.05957192	0.06047333	0.07430998	0.09479742	0.12198064	0.13100305	0.14536841
0.00744535	0.00822983	0.00959559	0.01262405	0.01353777	0.01393931	0.01455453	0.01265987
0.01062344	0.01170163	0.01187869	0.0145966	0.01862092	0.02396048	0.02573274	0.02855451
0.0057946	0.00638271	0.00647928	0.00796178	0.01015687	0.01306935	0.01403604	0.01557519
0.0124185	0.0124185	0.0124185	0.01552306	0.0124185	0.0124185	0.01552306	0.0124185
5.68265897	6.20467745	5.08131956	5.12582263	7.28199009	7.9654764	8.51971551	8.91280427
0.00063817	0.00070541	0.00082248	0.00108206	0.00116038	0.0011948	0.00124753	0.00108513
0.82068805	0.95036778	1.0231128	1.15341604	0.97964788	1.2006209	1.26849538	1.34094096
0.00531811	0.00587845	0.00685399	0.00901718	0.00966984	0.00995665	0.01039609	0.00904276
0.16956242	0.24959707	0.20987459	0.21925005	0.22522487	0.22838933	0.2315538	0.23471827

1.49947768	1.53600661	1.376723	1.4508306	1.6236758	1.69249728	1.91439296	2.78865979
0.4847637	0.53226801	0.50411851	0.52357757	0.54251708	0.57718731	0.6181715	0.65315333
3.5968055	3.44856963	3.57210209	3.35351997	3.31705114	3.29482437	3.65795738	3.52047351
0.15772555	0.17676875	0.1765611	0.20202134	0.25273446	0.26515297	0.29019792	0.31244992
6.72702437	7.05158779	7.58006422	7.6640483	7.4940212	8.16030371	8.88053886	8.64447969
8.73197048	9.25670683	10.6348514	11.6483186	12.3093149	13.3258231	14.7316555	15.8402085
44.1810755	42.9270107	46.1015192	47.8190872	47.2023046	48.6089453	50.2588018	52.9688166
3.01702378	3.32984934	3.43240734	3.4306982	3.51943623	3.93119296	4.62896658	4.72926493
8.26803933	10.3530597	12.1010567	14.9787193	17.9771273	20.8986585	21.6252241	23.1049942
2.7672343	2.94204127	3.41823008	4.35000615	5.49902715	6.3661251	7.24748749	8.55991204
0.32108016	0.37933733	0.3455506	0.38192596	0.40980423	0.40989209	0.45907805	0.49596564
3.15013183	3.43679744	3.47613116	3.56597007	3.59235328	3.64254685	4.03883422	4.11696936
51.4364684	55.2293478	51.8254509	54.9749652	57.4232072	61.0415911	64.1481093	70.3140779
1.06404554	1.01154692	0.87045645	0.93617308	0.94207086	0.87925084	0.85438248	0.80770904
0.63063264	0.71335897	0.82385957	1.01717099	1.21314991	1.27044678	1.56640715	1.6288842
107.520663	118.091905	120.063729	125.461563	132.012335	138.327607	147.937762	155.562078
7.21883707	7.66372528	8.18661623	9.01126811	9.4327513	9.55868171	9.7710013	10.0314623
1.54623667	1.65905356	1.63884175	1.50755463	1.59664898	1.80473339	1.79876958	1.63673809
2.14941079	2.33476105	2.55551856	2.81350915	3.04075476	3.09699565	3.17475464	3.29577843
0.07185297	0.068519	0.06655271	0.07718579	0.0698897	0.07747758	0.08224402	0.08874179
0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726	0.00934124
0.0008509	0.00094055	0.00109664	0.00144275	0.00154717	0.00159306	0.00166337	0.00144684
5.99140245	7.550424	7.10234432	7.20562608	7.92956276	11.9079722	13.8389952	17.070034
2.16026642	2.19783384	2.08213099	2.02883286	2.12259532	2.43286366	3.01574082	3.2279869
0.11345206	0.1081879	0.10508323	0.1218723	0.11035216	0.12233302	0.12985897	0.14011862
1.37535546	1.60509885	1.78827276	1.48401804	1.53369207	1.24185586	1.46849469	1.52127357
0.12554973	0.13829195	0.1403845	0.17250531	0.22006544	0.28316935	0.30411422	0.33746239
1.30242148	1.64019662	2.07611716	2.64216438	2.92490673	3.22565288	3.73235668	3.97141401
0.00170179	0.0018811	0.00219328	0.0028855	0.00309435	0.00318613	0.00332675	0.00289368
1.69869356	1.63542445	1.45510197	1.31161387	1.43204188	1.55656269	1.83375626	2.05101909
0.00965767	0.01063784	0.01079881	0.01326964	0.01692811	0.02178226	0.0233934	0.02595865
2.29516612	2.46489068	2.66592891	2.93477664	3.12318635	3.17324739	3.24852717	3.35458167
0.60105838	0.68411748	0.681149	0.8452965	0.89289398	0.91576928	1.06180878	1.20979614
1.64579188	1.73783742	1.84690435	2.03175039	2.11173274	2.13715947	2.18423269	2.23604098
0.12101553	0.11540043	0.11208878	0.12999712	0.11770897	0.13048855	0.13851624	0.14945986
1.86326055	2.0020464	2.01106071	2.1635118	2.2692894	2.53300014	2.59365054	2.88405636
0.89135702	0.96500902	1.05395398	1.15926579	1.24919688	1.27142183	1.30398809	1.35167032
0.48264267	0.4822901	0.48246601	0.4796101	0.47332166	0.4980571	0.46734246	0.5050019
0.00378174	0.00360626	0.00350277	0.00406241	0.00367841	0.00407777	0.00432863	0.00467062
33.6150316	36.5465215	39.8255206	42.6727339	46.3513531	49.224133	53.4172861	60.3016222
0.52947329	0.56049473	0.63576927	0.62975341	0.64774706	0.69236496	0.76436558	0.74374354
0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802	0.07787594
0.21634542	0.24443298	0.2161305	0.1851012	0.19087722	0.19381896	0.19762038	0.20371878
1.49619526	1.3035992	1.5750794	1.37714519	1.45901694	1.63102539	1.66821353	1.81854573
0.45380825	0.4327516	0.42033291	0.48748921	0.44140862	0.48933207	0.51943589	0.56047446
0.2794176	0.30425472	0.19869696	0.1707552	0.19248768	0.25147584	0.24216192	0.18006912
0.04056222	0.04467894	0.04535499	0.05573249	0.07109807	0.09148548	0.09825229	0.10902631
0.00957259	0.0105812	0.01233718	0.01623092	0.01740571	0.01792197	0.01871296	0.01627697
0.15530869	0.16803892	0.18708232	0.20612572	0.2253769	0.24400474	0.25021402	0.24369307
0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802	0.07787594
4.19151726	4.67658039	4.9244442	5.17355469	5.49012408	5.18919384	5.1142428	5.74957533

0.09657671	0.10637842	0.10798808	0.13269639	0.16928111	0.21782257	0.23393401	0.25958645
0.37817354	0.36062633	0.35027743	0.40624101	0.36784052	0.40777673	0.43286324	0.46706205
0.13283509	0.16142556	0.14883848	0.1868075	0.17090226	0.19290715	0.20579442	0.21504371
3.47351644	4.16184395	4.55130596	5.40287911	7.16460119	9.41776878	11.521128	11.616868
0.72812339	0.82551002	0.88326356	0.90450795	1.00534225	1.11008095	1.03125944	0.74641801
18.2228585	19.2112034	17.8592628	19.2160632	22.1822403	22.8820091	22.4230313	21.7545997
6.99233292	6.75450918	6.82476158	7.99055468	7.59237372	8.28147142	8.47069882	9.32139784
0.0631317	0.06634023	0.06013095	0.06986043	0.08259066	0.08900772	0.09542478	0.11467596
5.62737932	5.7139131	6.26598979	6.59260531	6.6445346	6.67450354	6.73354041	6.71082234
0.0931392	0.11487168	0.17696448	0.25147584	0.3415104	0.60850944	0.5122656	0.5898816
2.97768323	3.30041888	3.43859923	3.86171515	4.17251677	4.36797157	5.20743738	6.08695679
0.82264983	0.894576	0.92935038	0.94860156	1.00510842	1.01815032	1.07786571	1.05065118
5.64272315	6.23280658	6.0229224	6.39943748	6.18134963	5.80636579	5.52727541	5.66619244
9.99121801	10.4368663	9.93262701	10.2438784	10.1946149	10.3344519	10.6167785	10.5151704
0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014
0.45380825	0.4327516	0.42033291	0.48748921	0.44140862	0.48933207	0.51943589	0.56047446
29.3041949	29.6845898	29.8075357	31.044639	30.2235787	30.6508687	30.63749	29.1940217
0.61249064	0.64855595	0.62223471	0.71194757	0.75324713	0.80155144	0.78662532	0.742314
1.87262193	2.00105521	2.48798803	2.80468559	2.67842203	2.8770272	4.11440871	5.61344707
4.24246501	4.73441454	4.6921844	5.33311156	5.37826568	5.60167709	5.73578588	6.24749332
0.41811863	0.48743205	0.4599967	0.47891339	0.54541102	0.69024788	0.81638414	0.9269972
0.05672603	0.05409395	0.05254161	0.06093615	0.05517608	0.06116651	0.06492949	0.07005931
0.27425928	0.333663	0.39410562	0.44523432	0.63918852	0.7907046	0.84037884	0.93455694
0.04152799	0.04574272	0.04643487	0.05705945	0.07279088	0.09366371	0.10059163	0.11162217
6.94306725	7.31290851	6.1265359	8.17597584	8.9859924	8.171856	7.8699852	7.6351968
139.279104	146.038956	154.100257	169.414507	174.343317	176.12859	179.90615	183.450065
0.02969778	0.02969778	0.02969778	0.04812518	0.06655263	0.06579183	0.07462481	0.06873569
3.94763663	4.35349763	4.92064046	6.02899661	7.16708003	10.9445065	18.5837027	22.3088758
3.6717022	3.81174969	4.33770557	4.21718618	4.30002154	4.64610584	4.91197439	5.12946494
2.18124259	2.46969833	2.52734792	2.16084864	1.59427791	1.70481022	2.0727519	2.13225945
370.4095	391.425484	365.750039	341.038575	351.674438	351.488486	353.618119	364.356811
0.46924032	0.51063954	0.50422248	0.54189372	0.59539983	0.64269666	0.63296718	0.68688885
1.6124556	1.78735434	1.738719	1.86083886	2.04258228	2.44654539	2.59341054	2.95710516
0.0009747	0.00098135	0.00101372	0.00096492	0.00100006	0.00165616	0.0011955	0.00159669
0.02647215	0.02524384	0.02451942	0.02843687	0.02574884	0.02854437	0.03030043	0.03269434
0.04828836	0.05318921	0.05399404	0.0663482	0.08464056	0.10891129	0.11696701	0.12979323
0.63632064	0.67099146	0.69085199	0.76049085	0.86823047	0.94750838	1.06777048	1.08392383
0.0762956	0.08403895	0.08531058	0.10483015	0.13373208	0.17207983	0.18480787	0.2050733
0.00212724	0.00235138	0.0027416	0.00360687	0.00386794	0.00398266	0.00415844	0.00361711
0.00193153	0.00212757	0.00215976	0.00265393	0.00338562	0.00435645	0.00467868	0.00519173
0.02978139	0.0329193	0.03838235	0.05049621	0.05415109	0.05575725	0.0582181	0.05063948
4.4577819	4.91772744	4.853439	4.21396686	4.23606348	4.27911498	4.6443204	4.92038712
1.83920929	1.94788601	2.20931562	2.18938302	2.25240015	2.40693863	2.65990102	2.58385513
14.1533698	15.0534729	14.9470104	15.4270503	16.5182333	17.1750012	17.6505746	17.3399711
0.14530704	0.15793319	0.16424627	0.18949915	0.1831858	0.1831858	0.22517957	0.23149292
0.01448651	0.01595676	0.01619821	0.01990446	0.02539217	0.03267339	0.0350901	0.03893797
1.64235921	1.72908135	1.92592035	2.51243388	3.09698556	3.46326537	3.49967787	3.59963763
0.0001892	0.00020913	0.00024384	0.00032079	0.00034401	0.00035422	0.00036985	0.0003217
0.01931534	0.02127568	0.02159762	0.02653928	0.03385622	0.04356451	0.0467868	0.05191729
0.21268593	0.19954014	0.18360138	0.244044	0.19239585	0.2430051	0.23317173	0.30136992
6.50933888	7.44048853	6.76434811	7.1886697	8.52067463	9.08700552	9.57553008	10.3762597

0.26125836	0.28378747	0.31062029	0.34197874	0.36960018	0.37643619	0.38588771	0.40059801
1.47490114	1.60208637	1.75356765	1.93059785	2.0865312	2.12512305	2.17848039	2.26152552
0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726	0.00934124
0.82948245	1.12186218	0.89402744	0.89619707	0.93007761	1.14499589	1.26484223	1.31120405
0.97710243	1.06580462	1.17717431	1.250354	1.37155022	1.42899209	1.54398587	1.64314547
12.3015118	13.8428914	14.3705865	16.3763475	17.6624941	20.0543721	19.4705313	17.4671563
2.94828665	3.70801005	3.97013849	4.63145946	5.48921562	6.08533449	7.05409554	7.9010701
0.851355	0.80912466	0.75830763	0.74723964	0.74888982	0.72136362	0.66681861	0.71442711
0.36324288	0.36634752	0.37876608	0.38187072	0.55275393	0.51580992	0.45951084	0.43104963
48.9135233	50.3348747	52.0550188	54.6137609	55.2548176	54.9560795	54.695541	54.6596398
1.86257153	1.81418546	1.65546154	1.66181125	1.7439485	1.7634891	1.76392698	1.93268446
1154.59668	1206.4598	1178.35679	1193.47085	1246.56944	1285.18811	1331.20959	1303.32977
2.950079	3.18678671	3.46801699	3.81794676	4.09581407	4.16673597	4.26859767	4.42016504
0.00063817	0.00070541	0.00082248	0.00108206	0.00116038	0.0011948	0.00124753	0.00108513
13.0165861	14.5643875	17.125608	19.3049124	21.5717058	22.7003475	25.1221228	25.9620449
0.00042545	0.00047028	0.00054832	0.00072137	0.00077359	0.00079653	0.00083169	0.00072342
2.90026529	2.80277752	2.28487298	2.28487298	0.76162433	0.48743957	0.56360165	0.67022941
0.03025388	0.02885011	0.02802219	0.03249928	0.02942724	0.03262214	0.03462906	0.03736496
0.02647215	0.02524384	0.02451942	0.02843687	0.02574884	0.02854437	0.03030043	0.03269434
0.91687617	1.24701897	1.24651158	1.02212226	1.52988906	1.47481254	1.61174043	1.75756668
28.8585914	30.2705577	28.3703383	31.3449649	29.5543257	28.6865847	29.213864	25.3209534
0.68541155	0.73354489	0.68645584	0.73664953	0.76821538	0.68076601	0.63367696	0.57427324
2.28412312	2.27725807	1.93253664	2.14897737	1.85848105	1.72898705	1.67894951	1.61356978
0.00055494	0.00058233	0.00061201	0.0006407	0.00067176	0.00070352	0.00073598	0.00076914
0.00535429	0.00547642	0.00559855	0.00572067	0.00583833	0.0059545	0.00607068	0.00619131
0.0083232	0.00845847	0.00858476	0.00870744	0.00882696	0.00894237	0.00905795	0.00917813
0.01046329	0.01055342	0.01063577	0.01070663	0.01076443	0.01081223	0.01085385	0.01089295
0.00109268	0.00112079	0.00114889	0.001177	0.00120072	0.00122443	0.00124815	0.00127274
0.13151167	0.13230883	0.1330848	0.13384123	0.13465611	0.13545561	0.13623284	0.13697853
0.00018734	0.00020279	0.00021824	0.00023498	0.00025236	0.00027168	0.00029099	0.00031159
0.00900565	0.00923164	0.0094557	0.00967691	0.00986963	0.01005816	0.01024405	0.01042981
0.0003232	0.00033274	0.00034228	0.00035302	0.00036375	0.00037448	0.00038641	0.00039833
0.00065919	0.00069846	0.00074042	0.00078346	0.00082931	0.00087455	0.00092087	0.0009701
0.00696416	0.00721328	0.0074639	0.00771672	0.00794957	0.00818404	0.00842083	0.00866089
0.00056149	0.00057788	0.00059575	0.00061213	0.00063894	0.00066575	0.00069405	0.00072234
0.08763607	0.09128503	0.09504718	0.09893593	0.10288723	0.10696364	0.11116813	0.1155022
0.00043072	0.00045442	0.00047812	0.00050181	0.00052412	0.00054503	0.00056733	0.00058824
0.09025755	0.09172775	0.09315263	0.09450793	0.09581845	0.09706672	0.09826755	0.0994333
0.0143388	0.01485581	0.01537886	0.01590629	0.01640907	0.0169145	0.0174257	0.01795494
0.00244406	0.0025081	0.00257065	0.0026347	0.00269576	0.00275683	0.00281938	0.00288342
0.16335086	0.1670235	0.17050648	0.17377824	0.18078946	0.187708	0.19459206	0.20154078
6.4379E-07	6.4379E-07	6.4379E-07	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06
0.00578323	0.00599025	0.00620174	0.00642068	0.00664259	0.00687196	0.00710728	0.00735153
0.00021467	0.00022063	0.0002266	0.00023256	0.00023852	0.00024329	0.00024806	0.00025284
0.01101438	0.01125916	0.0115129	0.01177062	0.01202404	0.01228166	0.01253672	0.01278021
0.15983743	0.16270163	0.16555274	0.16830461	0.17080369	0.17319886	0.1755611	0.17799902
4.0549E-05	4.1742E-05	4.2934E-05	4.2934E-05	4.4127E-05	4.6512E-05	4.7705E-05	4.8897E-05
0.0005128	0.00052891	0.00054405	0.00056061	0.00057489	0.00059058	0.00060386	0.00061855
9.7795E-05	0.00010257	0.00010853	0.00011449	0.00011926	0.00012522	0.00013119	0.00013834
0.00041059	0.00042366	0.00043764	0.00045206	0.00047234	0.00049352	0.00051606	0.00053949

0.00100384	0.00104852	0.0010932	0.00114086	0.00119745	0.00125703	0.0013166	0.00137916
7.3916E-05	7.6169E-05	7.8423E-05	8.1127E-05	8.293E-05	8.5183E-05	8.7437E-05	8.969E-05
1.6083573	1.66727939	1.72795342	1.79015683	1.85612057	1.9235386	1.99271246	2.06410086
0.0004629	0.00047468	0.00048823	0.00050022	0.00051191	0.00052368	0.00053553	0.00054749
0.00016266	0.00017036	0.00017806	0.00018576	0.00019346	0.00019924	0.00020597	0.00021367
1.26620308	1.28736754	1.30787787	1.32708172	1.33981836	1.35121315	1.36177803	1.37226204
0.00087094	0.00091315	0.00095753	0.00100171	0.00103681	0.00107378	0.00111011	0.00114703
3.2833E-05	3.5408E-05	3.7983E-05	4.1202E-05	4.4421E-05	4.764E-05	5.0859E-05	5.4722E-05
0.4191021	0.4283531	0.43747925	0.44645454	0.45528346	0.4639735	0.47257248	0.48115283
0.0002907	0.00029766	0.00030588	0.00031296	0.00032008	0.00032853	0.00033577	0.00034305
0.00011962	0.00012137	0.00012311	0.00012478	0.00012594	0.00012703	0.00012807	0.00012908
0.00035233	0.00036526	0.00037842	0.00038935	0.00040041	0.00041034	0.00042036	0.00043047
2.0851E-05	2.0851E-05	2.2341E-05	2.383E-05	2.383E-05	2.5319E-05	2.5319E-05	2.6809E-05
7.4469E-05	7.5958E-05	7.7447E-05	7.8937E-05	7.8937E-05	8.0426E-05	8.1915E-05	8.3405E-05
0.00392913	0.00400887	0.00410371	0.00421794	0.00435588	0.00451322	0.00468133	0.00484513
0.00972819	0.01023505	0.01076457	0.01132272	0.0118749	0.01245332	0.01305679	0.01368768
0.00028253	0.00028742	0.00029221	0.00029689	0.00030116	0.00030534	0.00030954	0.00031389
0.0741005	0.07481374	0.07556429	0.07637756	0.07723243	0.07814635	0.07905158	0.07985414
0.02191661	0.02305517	0.02422962	0.02544051	0.026833	0.02826711	0.02974546	0.03127116
0.02378349	0.02439207	0.02503043	0.0256847	0.02628882	0.02689849	0.02750288	0.0280839
0.00257374	0.0026362	0.00270089	0.00276961	0.00283874	0.00291048	0.00298424	0.00305882
0.40425618	0.40922038	0.41436773	0.41980619	0.42536808	0.43119531	0.43696768	0.44224
0.00042576	0.00043769	0.00045081	0.00046274	0.00047466	0.00048659	0.00049851	0.00051044
2.1081E-05	2.1959E-05	2.2837E-05	2.3716E-05	2.4594E-05	2.5472E-05	2.6351E-05	2.7229E-05
2.55906987	2.63194035	2.70467556	2.77610354	2.8208737	2.86309728	2.90318685	2.94192617
0.00015592	0.00016844	0.00018287	0.00019731	0.00021367	0.000231	0.00024832	0.00026757
0.00155702	0.00126847	0.00095763	0.00063145	0.00077224	0.0008963	0.0010092	0.00111932
0.14296379	0.15061514	0.15835701	0.16614198	0.17488607	0.18367326	0.19255529	0.20162699
6.7634E-05	7.2904E-05	7.8174E-05	8.3444E-05	8.9593E-05	9.662E-05	0.00010365	0.00011067
0.00152077	0.0016072	0.00169223	0.00177447	0.00184417	0.00190829	0.00197101	0.00203932
0.00014669	0.00015371	0.00016074	0.00016777	0.00017216	0.00017655	0.00017919	0.0001827
2.5045E-05	2.5045E-05	2.6238E-05	2.6238E-05	2.743E-05	2.743E-05	2.8623E-05	2.9815E-05
0.00188704	0.00195139	0.00201592	0.00208028	0.00213931	0.002198	0.00225664	0.00231567
0.00027803	0.00027588	0.00027372	0.00027157	0.00026941	0.00026726	0.0002651	0.00026726
0.0010313	0.00109268	0.00115399	0.00121852	0.00128119	0.00134709	0.00141272	0.00147982
0.00029316	0.00032681	0.00036205	0.00039889	0.00043574	0.00047259	0.00051103	0.00055108
0.01002257	0.01068441	0.01137344	0.01208395	0.0128098	0.01355563	0.01432155	0.0151093
0.00791355	0.00825234	0.00860654	0.00898683	0.00937521	0.00979109	0.01022473	0.010662
0.00096311	0.00100495	0.00104873	0.00109315	0.00114272	0.00119423	0.00124702	0.00130238
0.00016269	0.00016816	0.00017364	0.00017911	0.00018414	0.00018914	0.00019414	0.00019917
0.01630198	0.01685119	0.01741712	0.01799839	0.0184333	0.01887517	0.01932402	0.01978262
0.00028881	0.00030174	0.00031683	0.00032976	0.00034485	0.00035778	0.00037287	0.00038796
0.00013379	0.00013667	0.00013956	0.00014149	0.00014341	0.00014534	0.00014726	0.00014822
0.01099809	0.01152778	0.01207977	0.01265825	0.01327995	0.0139337	0.01461533	0.01531647
0.01032325	0.01034155	0.01036927	0.01040696	0.01045497	0.01051402	0.01058346	0.0106622
0.00307585	0.00317372	0.00327233	0.00337165	0.0034666	0.00356195	0.00365633	0.0037522
0.00177485	0.001855	0.00193174	0.00200325	0.0020615	0.00211193	0.00215805	0.00220444
0.00283427	0.00295044	0.00306959	0.0031947	0.00331385	0.00343747	0.00356406	0.00369364
0.03441746	0.03595496	0.03754265	0.0391819	0.04071801	0.04230012	0.0439338	0.04562185

0.00021491	0.00022948	0.00024457	0.0002607	0.00027267	0.00028568	0.00029869	0.00031274
0.1883956	0.19212409	0.19594038	0.19985198	0.20361074	0.20745812	0.21139504	0.21541956
0.00529775	0.00548311	0.00565769	0.00582364	0.00592925	0.00601978	0.00610168	0.00618574
0.15287021	0.15592634	0.15896421	0.1619512	0.16473779	0.16746848	0.17015375	0.17281163
6.7022E-05	6.8511E-05	7.149E-05	7.2979E-05	7.5958E-05	7.8937E-05	8.3405E-05	8.6384E-05
8.7836E-07	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06
0.00108868	0.0011154	0.0011397	0.00115953	0.00117114	0.00117821	0.00118254	0.0011868
0.00215722	0.00227042	0.00248974	0.0025985	0.00275803	0.00295866	0.00317907	0.00336522
0.01443272	0.01469618	0.0149429	0.01516593	0.01536247	0.01553671	0.01571514	0.01592423
1.6151E-05	1.797E-05	1.832E-05	1.867E-05	1.902E-05	1.937E-05	1.972E-05	2.007E-05
7.7447E-05	7.8937E-05	8.0426E-05	8.1915E-05	8.4894E-05	8.9362E-05	9.2341E-05	9.532E-05
0.00426311	0.00449503	0.00473602	0.00498796	0.00525289	0.00552942	0.00581424	0.00610562
0.00057371	0.00059467	0.00061626	0.00063839	0.00066191	0.00068595	0.00071064	0.00073613
0.03001149	0.03022718	0.03043542	0.03064809	0.0307715	0.03090081	0.03102759	0.03113906
2.8327E-05	2.9614E-05	3.0902E-05	3.1546E-05	3.2833E-05	3.4121E-05	3.5408E-05	3.6696E-05
0.00410093	0.00432675	0.00455814	0.00479232	0.00503765	0.00528438	0.00553668	0.00579037
4.1818E-05	4.4606E-05	4.6E-05	4.7394E-05	4.7394E-05	4.7394E-05	4.7394E-05	4.7394E-05
0.00990075	0.01051621	0.01116132	0.01183515	0.01246739	0.01312178	0.01380231	0.01451319
0.00194624	0.00201737	0.00209065	0.00216393	0.00230403	0.00244628	0.00259068	0.00274155
0.03205093	0.03275291	0.03345083	0.03414107	0.03478932	0.03542885	0.03606044	0.03668991
0.00093681	0.00093979	0.00094277	0.00094724	0.00095618	0.00096511	0.00097703	0.00098745
0.00182993	0.0018595	0.00188725	0.00191421	0.0019403	0.00196565	0.00199103	0.00201743
2.3852E-06	2.3852E-06	2.3852E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06
0.00511003	0.00531259	0.0055211	0.00573557	0.00595153	0.00617493	0.00640429	0.0066411
0.00302203	0.00310846	0.00319488	0.0032827	0.0033733	0.00346391	0.0035573	0.00365348
14.752339	14.752339	14.4246618	15.8083431	15.8885564	16.0483165	18.0489376	18.352018
859.396046	902.368049	831.913064	840.806938	880.328861	863.112201	902.95755	935.828385
245.958379	255.651776	243.026463	234.362243	243.100299	236.692829	236.5772	244.307845
896.238995	937.432714	940.499936	877.432715	910.567268	914.265711	919.315818	949.666775
969.848796	1040.74986	1075.98694	1040.40185	1173.91763	1161.35841	1230.86702	1284.19245
281.275673	283.998761	279.485446	266.799451	288.953027	285.843843	290.316983	295.603675
401.649416	426.842462	416.508965	435.358223	457.961534	472.742189	497.277836	513.489364
4.08948659	4.187484	4.28687409	4.386793	4.48344445	4.5804672	4.67833623	4.77780632
50.0839411	50.0839411	50.6844887	55.3252835	58.498207	62.9532065	67.3188441	73.343596
3062.61117	3126.13725	3046.22933	3121.85124	3248.5882	3267.11438	3367.93953	3407.11717
1452.56727	1627.79573	1621.32715	1475.59987	1591.58612	1589.65765	1699.50278	1701.24437
3658.6212	3848.38581	3838.42249	3715.20069	3883.82796	4053.24125	4102.66982	4286.30151
4188.50578	4525.95711	4608.94638	4697.90182	5060.61009	5280.81886	5456.38998	5668.70757
990.445441	1030.69792	1008.06861	968.424522	1043.18504	1064.67614	1098.68804	1129.73052
3070.78512	3247.30338	3218.3671	3285.81738	3422.09041	3544.4483	3689.73411	3756.25422
7.81615964	8.022529	8.23032352	8.43719285	8.61908408	8.7989205	8.97778732	9.15753291

1980	1981	1982	1983	1984	1985	1986	1987
0.06133809	0.04729999	0.06280475	0.06039523	0.08700475	0.08773808	0.08134761	0.08868094
0.16295713	0.17049999	0.16782856	0.17285713	0.17757142	0.17757142	0.17757142	0.16059999
0.13734284	0.09433809	0.0981619	0.11560475	0.17846188	0.17919521	0.15902855	0.16070474
0.07695692	0.07719084	0.07710578	0.08206045	0.08212425	0.0840168	0.08718524	0.08931171
0.31952379	0.28599997	0.28809521	0.36195235	0.39338091	0.40019043	0.39437615	0.44298567
0.00534286	0.00492381	0.00665238	0.00927143	0.00900952	0.00749048	0.00859048	0.0088
0.05771769	0.05789313	0.05782933	0.06154534	0.06159318	0.0630126	0.06538893	0.06698378
0.03252857	0.0308	0.02938571	0.0275	0.02687143	0.02687143	0.02498571	0.02514286
0.42732374	0.40825707	0.49819516	0.56168086	0.61379989	0.58787132	0.67414274	0.75145701
0.93892854	1.11382853	1.03007139	1.03038568	0.87119999	0.8342714	0.76245711	0.74108569
2.46562372	1.9264666	1.84103326	1.4075285	2.03751418	1.93882845	2.40617129	2.37332844
1.30077612	1.27102374	1.39312372	1.57891893	1.75381891	1.75209034	1.54586654	1.55042368
0.04211428	0.04143333	0.04578095	0.05101904	0.05238095	0.05295714	0.05243333	0.0506
0.05400476	0.0489238	0.02535238	0.05227618	0.07076666	0.08737142	0.14530474	0.16374283
10.8145702	10.3483798	10.8585701	11.9496652	13.2848555	12.4064269	11.9213794	14.4163885
0.01335714	0.01257143	0.01147143	0.00817143	0.00738571	0.0044	0.00424286	0.00345714
0.03991428	0.05515714	0.0517	0.06694286	0.05814286	0.03881428	0.00942857	0.02467143
0.21161902	0.18857141	0.19642855	0.19904759	0.23539997	0.24283807	0.28112854	0.32078091
0.05845714	0.05971428	0.07228571	0.077	0.055	0.06474285	0.07259999	0.05987142
0.96642855	1.06825711	0.91268568	0.80189997	0.96925712	0.98559998	1.04452854	0.84731425
0.00817143	0.00817143	0.00817143	0.01351429	0.01414286	0.01367143	0.01304286	0.01712857
1.82945333	1.78516873	1.70370421	1.72914271	1.68753289	1.66247343	1.10750357	0.81385808
1.62595705	1.63271419	1.57614277	1.52397135	1.47635707	1.50857135	1.61668561	1.56372847
0.01314762	0.01361905	0.01707619	0.0167619	0.01372381	0.01194286	0.01131428	0.01414286
0.10842857	0.11157143	0.11419047	0.10114762	0.11927143	0.1190619	0.1179619	0.1311619
0.22335238	0.1658381	0.13000952	0.14205714	0.22942857	0.23885714	0.26106667	0.21591429
0.07013809	0.05782856	0.0486619	0.07768094	0.07228571	0.06804285	0.04913333	0.04174761
1.44665708	1.36839992	1.42654277	1.36588562	1.34357133	1.39857133	1.96931416	1.91557131
1.13174281	1.12907138	1.03551901	1.01996186	1.21314281	1.31999994	1.73139994	1.77597612
0.10661741	0.10694147	0.10682363	0.11368792	0.1137763	0.11639828	0.12078789	0.12373393
0.02907143	0.02954286	0.02755238	0.03179524	0.02451428	0.00995238	0.02383333	0.04033333
0.01115714	0.01162857	0.011	0.00785714	0.00707143		0.01571428	0.02734285
3.51528568	3.65042852	3.48071423	3.63471423	3.6818571	3.88299994	4.19335706	4.11179993
1.94857143	2.332	2.61485714	2.64471427	2.67142856	2.67142854	2.92128568	2.47342854
0.62212857	0.60751428	0.69347143	0.74658571	0.70148571	0.78885714	0.69614285	0.58535714
0.12099999	0.09428571	0.13011428	0.08344285	0.12257142	0.14299999	0.17285713	0.18637142
0.05049801	0.05186282	0.05391004	0.04435636	0.08639254	0.09212475	0.06701222	0.07335859
0.89283331	0.90388568	1.05175709	1.06176186	1.04018089	0.88958568	0.94395711	0.97931424
1.64937121	1.83521878	2.04762352	1.99587115	2.42408537	2.51114251	2.6211425	2.8537139
5.31069444	5.7659896	6.13668954	7.04052273	8.13528449	8.74709392	10.0755271	8.79072723
0.08595713	0.0832857	0.10607141	0.10481427	0.10151427	0.1338857	0.16342855	0.13671426
0.56377614	0.72097135	0.90875705	1.06600464	0.9047761	0.86040944	0.93426656	0.92803324
0.14237141	0.09569998	0.0953857	0.06961427	0.13011426	0.11628569	0.12414283	0.1500714
0.00817143	0.00565714	0.0044	0.00628571	0.00628571	0.00628571	0.00565714	0.00502857
0.10198571	0.1012	0.08721428	0.08077143	0.08642857	0.08485714	0.08108571	0.07432857
1.36200942	1.23524752	1.27746656	1.2831237	1.20167132	1.30695702	1.38275226	1.28872845
0.0121	0.00597143	0.01917143	0.02765714	0.02451428	0.02781428	0.01335714	0.01681428



1.2665714	1.38599997	1.48499997	1.51642854	1.49285711	1.43314282	1.44571425	1.35299997
0.09940269	0.09970483	0.09959496	0.10599475	0.10607715	0.1085217	0.11261427	0.11536096
0.033	0.03430952	0.0352	0.03373333	0.04719524	0.05814286	0.04798095	0.05096666
0.21884626	0.21951144	0.21926956	0.23335941	0.23354082	0.23892278	0.24793303	0.25398018
0.43607135	0.38924279	0.26368567	0.3331428	0.35749994	0.36959994	0.37148565	0.38924279
0.00015714	0.00031429	0.00078571	0.00078571	0.00078571	0.0011	0.00062857	0.00047143
0.0528	0.05657143	0.05154286	0.03142857	0.03142857			
0.08700476	0.08899524	0.07930476	0.08862857	0.08978095	0.08103333	0.08627143	0.09947143
0.23744284	0.1932857	0.17867141	0.20255712	0.23555712	0.23288569	0.22895712	0.24828569
0.08016346	0.08040712	0.08031852	0.08547964	0.08554609	0.0875175	0.09081796	0.09303303
0.26557142	0.17977142	0.18668571	0.22471427	0.20082856	0.23555713	0.25142856	0.23854284
2.31869516	3.0095475	3.08209512	2.78368083	3.10702845	3.30466175	3.1329046	3.16836649
0.01178287	0.01210132	0.01257901	0.01034982	0.02015826	0.02149577	0.01563619	0.01711701
0.10497141	0.14551426	0.18024282	0.18071425	0.20019996	0.21057139	0.18071425	0.1445714
	0.0132	0.01257143	0.01382857	0.01885714	0.01445714	0.01508571	0.01571429
0.18872855	0.21874284	0.24482855	0.2862095	0.4473333	0.41119044	0.40841426	0.3995095
0.11534285	0.15604284	0.08627142	0.12099999	0.11817142	0.14918094	0.08187142	0.05295713
0.05971428	0.04588571	0.05845714	0.09082856	0.06757142	0.08517142	0.10779999	0.05829999
0.01120952	0.00921905	0.00612857	0.00560476	0.00639048	0.00544762	0.0066	0.01435238
0.00298571	0.00188571	0.00188571	0.00235714	0.00377143	0.0044	0.00361429	0.00424286
0.02262857	0.0266619	0.02786666	0.03849999	0.03551428	0.03472857	0.04117142	0.05809047
0.04520476	0.04939524	0.05929524	0.06861904	0.05913809	0.06233333	0.05919047	0.09302856
1.1787284	1.16154745	1.3276998	1.27856647	1.26908553	1.55754739	1.95318067	1.85858068
0.19160951	0.21167141	0.15358094	0.12241428	0.11623332	0.08779047	0.2534714	0.32842854
0.36781901	0.36781901	0.40239043	0.42192852	0.32418568	0.38447615	0.56864755	0.71819516
3.419638	3.41371893	3.33074755	3.71957136	3.18282375	3.18910944	3.43781419	3.29764276
1.19742844	1.22272844	1.21911415	1.25211415	1.27757129	1.32314271	1.272857	1.272857
0.16342857	0.15305714	0.15604286	0.13383333	0.12079047	0.12723333	0.13163333	0.12754762
0.0011	0.00125714	0.00094286	0.00094286	0.00094286	0.00078571	0.00078571	0.00078571
1.57142854	1.89828566	1.85428567	1.89357138	1.74428566	1.83699995	1.31999997	1.31999997
6.80760769	6.80600465	6.78955557	7.16886731	7.1166914	7.18663185	7.31595645	7.53983136
0.02042857	0.03802856	0.06453332	0.14525236	0.20501902	0.20439045	0.23021425	0.310619
0.04909529	0.05042219	0.05241254	0.04312424	0.08399275	0.08956573	0.06515077	0.07132086
0.12634283	0.11707141	0.12414283	0.06552856	0.13514283	0.1467714	0.0942857	0.05939999
0.01178571	0.01084286	0.00419048	0.01162857	0.01278095	0.01194286	0.01110476	0.0057619
0.16924285	0.28992857	0.18731429	0.24404286	0.18857143	0.22078571	0.21952857	0.23681428
0.3441466	0.32211692	0.3303529	0.37625726	0.37229563	0.3536694	0.3925821	0.23208474
0.00490953	0.00504222	0.00524125	0.00431242	0.00839927	0.00895657	0.00651508	0.00713209
0.066	0.06631429	0.05877143	0.06301428	0.03724286	0.04745714	0.03221428	0.0253
0.242	0.17882857	0.14954761	0.16515712	0.16484283	0.19501426	0.18181426	0.24875711
0.2697619	0.37221904	0.46639999	0.63297142	0.54900476	0.57922856	0.57074282	0.61851424
0.17716125	0.17769974	0.17750393	0.18891	0.18905686	0.19341368	0.20070769	0.205603
0.45693174	0.45832059	0.45781556	0.48723393	0.48761271	0.49884977	0.51766238	0.53028829
0.02184286	0.01571429	0.01445714	0.0132	0.00864286	0.00377143	0.00251429	0.00251429
0.08171429	0.09617143	0.11722857	0.10308571	0.13561429	0.1399619	0.15934286	0.15735238
1.18632375	0.96805233	1.064119	1.14635708	1.06731422	0.99806661	1.07553803	1.22555707
0.88392855	0.73071425	0.7187714	0.78838568	0.79828569	0.76999998	0.79121425	0.73527139

0.06537143	0.066	0.05735714	0.0473	0.04337143	0.04808571	0.04824285	0.0583
2.86379828	2.87023556	2.86616266	3.04454312	3.04103718	3.10155221	3.20410795	3.28687763
0.01812381	0.02975238	0.03698095	0.02802381	0.03179523	0.03053809	0.0187	0.02739524
4.05748069	3.7035426	3.37595213	3.92495682	3.90845682	4.07068055	3.9498377	4.13835675
3.13165374	3.12609063	3.11659194	3.27831814	3.24180121	3.2528771	3.27969535	3.39042468
0.16353332	0.10544285	0.1006238	0.11130951	0.16573332	0.23047616	0.28778092	0.33853806
0.29228569	0.39112853	0.49672852	0.75166659	0.6999666	0.67042373	0.79435705	0.67136659
0.27222378	0.32973806	0.31528092	0.25053807	0.24467141	0.18548094	0.19333808	0.19951904
0.06867142	0.07731428	0.06757142	0.05154285	0.04179999	0.0612857	0.06521428	0.07102856
0.17128571	0.18731428	0.19957143	0.1749	0.1661	0.20444285	0.18197142	0.16107143
0.01555991	0.01705027	0.01603502	0.0181632	0.02056114	0.02179127	0.0232414	0.02580376
0.5513157	0.63642993	0.7168457	1.06891063	1.29014697	1.65451824	1.58269561	0.83961268
0.69841388	0.66222441	0.38099336	0.50246976	0.5488514	0.60289702	0.62146315	0.62679119
2.492E-05	1.209E-05	1.0928E-05	6.894E-06	5.3137E-06	1.0307E-05	1.4801E-05	1.5783E-05
1.73420145	1.80886176	1.90424339	2.00998497	2.06129315	2.08760438	2.20156868	2.20466026
0.37186059	0.37966237	0.34036854	0.32196685	0.2821793	0.27355464	0.27355464	0.20789279
			0.10446205	0.11043131	0.14326224	0.15221613	0.16117002
17.3937565	18.3787314	17.8420994	19.4599819	19.6117903	18.7083628	20.0477112	21.2661614
5.42990513	5.62507882	5.72789889	5.85563805	6.08964189	6.28340999	6.40578442	6.57683707
0.02593318	0.023947	0.02899951	0.01834666	0.02174735	0.02189078	0.02260185	0.02932918
11.0271636	10.4770818	10.8626166	10.297994	10.6546089	10.7456038	10.7633026	11.2083893
18.1252035	17.4142516	17.5059872	16.3153732	16.366445	17.1013698	16.5688815	16.6186775
6.26137396	6.64366904	6.86321304	7.09695753	7.47075135	7.75475044	7.96815894	8.25002769
0.02111556	0.01990731	0.01920097	0.02362792	0.02689795	0.02740344	0.02262568	0.0371009
33.6755487	30.2321817	27.6930216	25.9089148	26.0713715	29.3821115	30.7664761	30.1392736
0.09132737	0.07243195	0.06613348	0.0409399	0.0409399	0.05668593	0.02834297	0.03464143
0.09049527	0.07465243	0.08228985	0.08860469	0.08069386	0.07946998	0.07669608	0.12070269
1.7490148	1.9405022	1.93475218	1.79692339	1.77453449	2.05095125	2.30409404	2.50364486
30.8448809	27.7072184	27.3082557	27.537613	26.4892723	23.8221549	24.4704389	24.4230747
0.06730793	0.07029245	0.07012785	0.07311237	0.08223107	0.08521558	0.09151375	0.10394639
0.25933185	0.27778525	0.2132317	0.1742933	0.16804774	0.1492553	0.15258483	0.17694004
1.55147704	1.13736102	1.98401019	2.41114328	2.10988033	2.06126384	1.78381789	2.17345296
19.6152054	19.4494742	19.2819866	19.2698756	19.5091076	19.7551523	19.7701805	19.8601047
0.01481896	0.0143682	0.01194098	0.01284266	0.01482774	0.01492553	0.01891597	0.0161105
0.03519504	0.03161005	0.02985244	0.03394133	0.03558658	0.03482624	0.03329926	0.04982884
0.67558647	0.72560171	0.72737474	0.79905513	0.7918152	0.79039344	0.69268999	0.7187154
17.5907742	17.5582358	19.1586566	19.9691119	19.4822369	21.7748058	22.421278	24.4107291
0.07962493	0.07836137	0.07272589	0.08384601	0.09944756	0.10989683	0.10987418	0.09997819
0.02769779	0.02747379	0.03681648	0.03681648	0.03659248	0.04278579	0.03642788	0.03642788
0.00097808	0.00760315	0.00748878	0.00759176	0.00573021	0.00593393	0.00475723	0.01118178
0.04108503	0.04652581	0.04652581	0.04951033	0.05592738	0.06354128	0.07609219	0.07580906
0.03016509	0.03234939	0.03840193	0.04430235	0.03765714	0.03836482	0.03799292	0.05361717
89.69865	83.6881154	89.6813741	84.1377387	82.0123915	82.4754433	79.4473757	73.3234266
19.1458649	16.1585183	15.3289091	16.705422	16.9913727	19.8286027	19.8088702	19.1104149
2.4760053	2.48657277	2.4793396	2.25535244	2.28191444	2.20504069	2.51889456	2.41096959
334.545751	352.975013	365.814611	384.2405	415.080597	434.819753	459.499346	477.473335
0.55093933	0.54695391	0.49294172	0.45172467	0.44699524	0.45627823	0.51109911	0.54643857
0.25111471	0.27283003	0.28493294	0.28476865	0.31278219	0.38157159	0.39334534	0.39019626
1.74343762	1.95728794	1.35353396	2.20903957	2.07777615	1.9216331	1.51780513	1.78001534
0.05320768	0.05320768	0.06249067	0.07193823	0.0780721	0.08105662	0.08105662	0.07790754
0.00963664	0.01516505	0.01494441	0.01514802	0.01142683	0.01128389	0.00626551	0.0080676

4.17508494	3.52712326	3.73032222	3.68266833	3.56771975	3.77412088	3.71491347	4.90920526
0.00904953	0.00746524	0.00822899	0.00886047	0.00806939	0.00822103	0.0036547	0.01220787
0.06334669	0.0522567	0.02468696	0.02658141	0.02958775	0.03014378	0.00754696	0.01230685
0.10709548	0.0759326	0.05189077	0.06100946	0.07045701	0.06432341	0.06730793	0.06714307
4.96819699	4.26628014	4.45765866	4.36684187	4.92675528	4.91687583	5.19011276	5.2963245
0.01111422	0.0119735	0.01151451	0.01330133	0.015322	0.01592057	0.01717842	0.01895786
0.1325081	0.12632463	0.1350325	0.14083748	0.14374011	0.14355115	0.14645376	0.16134481
35.4621005	35.9849441	34.1057568	35.8602062	37.4163858	38.1646118	39.1442147	42.3251708
254.544504	240.207872	227.675122	220.630279	234.781035	251.411053	261.086635	254.310357
0.30165091	0.19907314	0.21943961	0.17720938	0.13448977	0.1370172	0.10056949	0.15863782
0.00185237	0.00287364	0.00255878	0.002752	0.00296555	0.00298511	0.00248865	0.00364707
18.6788879	16.4475367	12.7181691	11.8004656	11.56519	11.970882	11.4413195	11.2976774
0.27344319	0.39069675	0.35214816	0.3427006	0.34314865	0.45113483	0.40845924	0.44808222
5.36888345	5.84134053	6.24370832	7.04067303	7.75806425	4.86851444	5.6015422	6.01396169
1.83089571	1.95604027	1.88924733	1.83210609	2.09331971	2.32955072	2.56762758	2.43040663
8.03927763	9.61534892	10.7606974	12.0575856	13.1773167	12.7671494	12.9084718	9.78835925
0.00033148			0.00397794	0.00331498	0.00232047	0.00265198	0.00430946
0.03208632	0.02794413	0.03402234	0.03487943	0.03270165	0.03597034	0.02896091	0.03854475
19.5779533	19.0998268	19.9453073	20.329951	20.5575427	21.2443481	21.3593944	21.3927925
2.10259981	2.07796091	2.05635012	2.05146588	2.07143352	2.09074265	2.08819945	2.0919279
0.16327148	0.1419133	0.17585691	0.24692497	0.19440868	0.16732715	0.26628124	0.38698268
11.4382936	9.96070708	9.06037484	8.38246233	7.67990967	8.0726394	8.47311639	9.05254803
0.34242503	0.27714118	0.26936796	0.22372828	0.15461263	0.15932368	0.14178742	0.14807896
0.00074095	0.0007663	0.00068234	0.00073387	0.00079081	0.00099504	0.00078172	0.00081477
119.506943	115.043142	106.540008	107.160215	107.606469	107.754993	111.308714	106.281961
0.08860658	0.05967045	0.2990111	0.2580712	0.3140991	0.32354666	0.27000981	0.22923477
120.624947	119.025547	117.365187	115.68887	111.777961	122.409462	125.080066	120.737276
4.23525014	4.41444728	4.5191689	4.63546584	4.82504261	4.94451499	5.04290538	5.16978725
0.42007976	0.62310508	0.57225675	0.29450555	0.398667	0.53451195	0.52225758	0.59143503
0.16892451	0.13686278	0.15360772	0.16834891	0.15331834	0.14523823	0.14672352	0.24216442
0.03241648	0.04693613	0.05288146	0.05962666	0.07018464	0.0646773	0.06679194	0.07910715
0.0331816	0.02737256	0.03017295	0.03248839	0.03227755	0.03288413	0.02424194	0.04546146
0.01809905	0.01493049	0.01645797	0.01772094	0.02151836	0.0246631	0.01730086	0.04467069
0.01259694	0.01889541	0.01889541	0.01259694	0.01574602	0.00944755	0.01574602	0.01259694
5.86860279	5.49655904	6.47105849	6.1473597	6.51478905	7.00708311	6.19495926	7.48670939
0.00277856	0.00383152	0.00341171	0.00366933	0.00395406	0.00398014	0.00468658	0.00608052
0.41766651	0.45817213	0.43903926	0.42517139	0.44700561	0.4437511	0.44525441	0.43361371
0.02315463	0.02107336	0.02302902	0.02568533	0.02174735	0.02189078	0.02604926	0.03037365
0.18188906	0.20381835	0.1975048	0.25177392	0.22332419	0.24226513	0.21380063	0.22035093
0.92909188	0.74230218	1.02571154	0.71652632	0.79815772	0.84451698	0.95813872	1.02899489
0.31593724	0.28742453	0.2718214	0.27450085	0.25262152	0.25728267	0.27310479	0.29525202
2.23153785	1.63590184	2.85366377	3.46802263	3.03470672	2.96478011	2.56572093	3.12614523
0.0374748	0.0374748	0.04692236	0.05322083	0.05636991	0.0593547	0.06547515	0.05917699
20.5673895	20.7376309	20.8345415	19.5499574	20.3386457	22.3338607	20.6340698	22.1554303
18.0491094	19.4478393	19.4002791	18.8965373	18.4141043	17.8709636	17.9351455	17.9437437
45.3585491	54.2274503	55.5258526	60.8461376	73.5966219	66.4604881	59.9949793	63.0633152
7.26226794	7.71250706	7.86154146	8.22506092	7.28077593	7.59481323	8.64070828	8.43074361
30.3168361	31.5745029	36.0962372	44.3677136	47.1207976	51.2387172	44.8490203	47.828618
4.05202706	3.66409128	3.34295892	3.56810074	3.27961279	3.73222267	4.8350758	5.54577954
0.72474022	0.70531529	0.65438392	0.63898437	0.58045917	0.544824	0.58562246	0.63307793

1.85932488	2.09572591	1.87496266	1.97749333	1.95557045	1.62289852	2.71698415	2.96248427
78.4557398	74.9174383	73.1704954	74.462866	78.524064	76.9533291	76.4321163	77.6780558
0.30901619	0.32472963	0.31138867	0.30823929	0.28897475	0.3240182	0.32000561	0.34161613
0.79745806	0.99213155	1.0694399	1.01981714	1.06395357	1.03404244	0.86029038	0.78773093
124.851211	128.840861	119.656584	125.256869	136.299385	131.807668	136.465546	137.101609
18.8620051	20.0045426	20.6797839	21.38395	22.4744817	23.2114113	23.8242183	24.6108182
0.90120913	0.84268854	0.75339946	0.70618206	0.81221442	0.84075154	0.87561765	0.89619947
4.22828797	4.34954328	4.42606244	4.51276772	4.65047937	4.69508422	4.75500586	4.82438944
0.09154811	0.07582523	0.08219423	0.09467513	0.07998782	0.07898722	0.05847807	0.07529763
0.00963664	0.00758252	0.0074722	0.00757401	0.00285671	0.00282097	0.00216097	0.0032733
0.00370474	0.00383152	0.00341171	0.00366933	0.00395406	0.00398014	0.00345943	0.00360568
46.3622994	50.7427157	48.9192119	50.4277037	56.1372727	59.9757182	63.8358244	64.3147914
5.01966207	4.21762857	3.10756857	3.30052434	5.20871214	4.4009426	5.56376231	8.51831901
0.14454964	0.04549514	0.04109711	0.04544406	0.03142379	0.03385167	0.03132754	0.04033802
1.61760657	1.39499186	0.44198873	0.69979705	0.98642624	1.19268401	1.42819546	1.5111726
0.39214618	0.29860971	0.32915941	0.35441877	0.2958775	0.30143784	0.18230277	0.20911775
0.75627393	0.71051707	0.54957768	0.46551414	0.52835607	0.62433583	0.5661466	0.91786144
0.00740948	0.00574728	0.00682341	0.00642133	0.00691961	0.00895532	0.00912447	0.01031866
0.58460279	0.55327518	0.64443797	0.60963196	0.52725847	0.55842149	0.54218162	0.53853863
0.03016509	0.02488414	0.02742995	0.0295349	0.02689795	0.03014378	0.0257858	0.03979016
7.44956909	7.38101543	7.30953803	7.30076599	7.39428634	7.51045192	7.51917604	7.56276355
1.50826459	1.37033451	1.41729334	1.37623533	1.28144259	1.38862902	1.46618602	1.42970273
3.65424419	3.63251631	3.6084374	3.61152863	3.66027793	3.702351	3.70771742	3.72574517
0.15418628	0.11752911	0.12329134	0.17420224	0.1428354	0.11565986	0.12322165	0.17208226
2.27433757	2.22916162	2.33258149	2.41431863	2.49799227	2.64625296	2.69855052	2.84014485
14.2811174	14.2841761	14.2696456	14.3359764	14.550171	14.6138424	14.644981	14.695386
0.07997646	0.0867497	0.08382754	0.08084256	0.13614411	0.08358017	0.11800017	0.08040987
0.00481832	0.00379126	0.0037361	0.00378701	0.01142683	0.01128389	0.00968084	0.01246525
23.4977374	24.3724748	26.2677822	24.7783723	25.3703606	26.3125902	25.8532147	27.2664144
0.19624186	0.14386152	0.25095174	0.30497857	0.26687269	0.26072333	0.22562999	0.27491381
0.09049527	0.09953657	0.08228985	0.08860469	0.08069386	0.09043135	0.05562387	0.1000108
0.0841093	0.078115	0.0715534	0.0686508	0.096287	0.0541378	0.0748342	0.0899145
0.29029476	0.06380337	0.08273606	0.07040475	0.06781092	0.03691148	0.04339876	0.03106745
0.68065206	0.56793003	0.6316933	0.64372699	0.5362935	1.90411088	2.99894511	2.45313327
0.8819993	0.62996942	0.61435528	0.65603357	0.58567778	0.7621739	0.82056905	0.82056905
0.12698278	0.10015326	0.11069264	0.11950653	0.16230943	0.16525815	0.07760484	0.1636729
0.04167833	0.04310461	0.03838171	0.04036266	0.03855213	0.0477617	0.05052478	0.06003323
0.07216219	0.06287912	0.05658068	0.06271453	0.06254994	0.06569916	0.08133998	0.09642772
0.09434411	0.09268517	0.08995418	0.08296609	0.06922008	0.08142826	0.06621663	0.10061698
1.33734696	1.39994566	1.44023195	1.50507459	1.52071741	1.46207838	1.61028933	1.67482381
0.30165091	0.24884142	0.27429951	0.29534897	0.26897955	0.30143784	0.25924581	0.43452968
0.48440882	0.38152796	0.26297617	0.22943109	0.2022512	0.24188344	0.20614041	0.25429403
0.01259688	0.02250102	0.02490482	0.11836408	0.02192314	0.03348566	0.14526236	0.14406046
3.62369132	4.24070022	4.77195062	4.67716269	4.58876666	4.99167902	5.08557732	6.19145892
0.19805952	0.21690064	0.21354369	0.23898832	0.21997438	0.25729851	0.27026996	0.23908508
46.4171192	42.1834579	38.3211364	39.1318382	39.7304784	43.9629929	43.28926	42.9306798
5.41305392	4.8078106	4.23507454	3.83865354	3.5971079	3.8807871	4.06843219	4.18235422
0.13813736	0.12467712	0.13819688	0.17053952	0.19411093	0.21829224	0.24856401	0.24186293
2.81293192	2.58836904	2.68859464	2.60892673	2.43225621	2.28038706	2.16667961	2.02569647
0.65133159	0.58716099	0.61605576	0.78377054	1.02307653	1.17716857	1.00118728	0.9474044
5.75149832	5.3418796	5.62912818	6.31358247	6.7560535	7.17863508	7.63996676	7.3755291

0.13891448	0.15450933	0.15749396	0.15732937	0.16622395	0.17225252	0.18120641	0.2112173
3.9234948	4.20586026	4.38349605	3.42680088	3.71742205	3.68270695	4.29628044	4.55629314
3.72391016	3.49524241	3.46838231	3.3985191	2.93092365	2.63828908	2.84294514	3.13980467
0.67409285	0.68425297	0.67935379	0.70526573	0.77998865	0.63116295	0.6880275	0.72126816
0.57819856	0.4549514	0.44833215	0.45444062	0.39993911	0.3949361	0.30074436	0.43283608
84.1766342	80.7521523	90.3076171	79.7038628	81.153965	88.7598041	94.784178	102.904143
1.44321516	1.45184918	1.3222356	1.44573684	1.40513583	1.31675897	1.35239121	1.41748379
17.4262101	19.3056748	19.3706101	20.2272379	20.5987726	21.8637513	21.5526486	19.5365511
2.73912501	2.57432428	2.67263032	2.67805398	2.90762808	2.9844228	3.0558323	3.33726132
0.05836919	0.06994047	0.07861861	0.08151175	0.09308303	0.10201788	0.09886866	0.10729072
0.07227482	0.08719902	0.11208304	0.15148021	0.17140248	0.14669055	0.13829082	0.17807084
0.2036132	0.01259688	0.12899745	0.03381847	0.0314922	0.19348517	0.0472383	0.11886942
0.12970989	0.10700181	0.12892077	0.15948844	0.16138773	0.16168029	0.12752279	0.22092144
35.9492407	33.1152616	30.1422414	29.4844129	24.5041324	34.911029	31.8971067	37.2906476
370.059799	368.201792	365.12562	365.408188	371.853078	381.249737	383.076142	387.590973
0.02799006	0.02799006	0.02799006	0.02799006	0.02799006	0.03105588	0.02799006	0.02799006
2.49260062	1.49592449	1.72672854	1.69157134	1.59373691	1.61310399	1.69634445	1.53375915
4.02260152	2.94889968	5.14405446	6.25150638	5.47040503	5.34435435	4.62500466	5.63523337
0.12190735	0.13433963	0.14063807	0.15274116	0.14047348	0.1245628	0.14926277	0.12460738
0.11234858	0.10924394	0.1154371	0.11858493	0.12798662	0.14014904	0.13052345	0.13007565
0.3137886	0.29636862	0.29803479	0.29974206	0.30378698	1.38388105	1.21264064	1.27195332
2.5797E-05	1.4203E-05	1.4187E-05	2.9427E-05	2.4972E-05	3.0472E-05	2.2959E-05	3.3491E-05
0.03372825	0.03791262	0.03362491	0.03787005	0.02856708	0.02538875	0.01715016	0.02576255
0.15082545	0.12442071	0.14812173	0.14767449	0.13448977	0.15071892	0.12977242	0.21750797
0.1472125	0.12864625	0.1253323	0.15002179	0.12500314	0.14356938	0.1588732	0.15215657
0.23830422	0.22893411	0.24961255	0.26286058	0.24746118	0.2493713	0.21702227	0.24852822
0.00926185	0.0095788	0.00767634	0.00917333	0.00988516	0.00895532	0.01119538	0.01482831
0.00603302	0.00497683	0.00548599	0.00590698	0.00537959	0.00548069	0.00494288	0.00762738
0.12966592	0.11494562	0.09382195	0.07338665	0.06623058	0.08557304	0.08636271	0.0750012
14.5375211	13.9333118	14.4358187	14.2953826	14.9304419	14.6235465	13.239894	14.1880925
0.91497501	0.67075237	1.17005904	1.42195843	1.24429026	1.21561896	1.05199674	1.28178188
26.4736113	25.8263502	21.5989007	17.2868706	13.917536	13.6605462	14.6714407	13.2103878
0.1324415	0.1324415	0.1324415	0.08803238	0.08803238	0.08803238	0.09737481	0.10373243
0.04524764	0.02986097	0.03017295	0.0561163	0.05379591	0.05754722	0.0445838	0.07266612
1.6638592	1.98189456	3.04316762	4.14850819	4.97270091	3.35771956	5.0529178	6.81072875
0.00082375	0.00085194	0.00075859	0.00081587	0.00087918	0.00088498	0.00089873	0.00093673
0.06033018	0.04727987	0.05211691	0.0561163	0.02420816	0.03014378	0.04246268	0.05862702
0.03464142	0.0314922	0.0472383	0.03464142	0.04408908	0.02834298	0.04093986	0.03779064
5.51335854	5.31390381	5.58362876	5.93445069	5.90207459	5.7148305	6.10945482	6.1718431
9.40273168	9.39341179	9.36351431	9.39762739	9.55066762	9.66438145	9.69680173	9.76201128
18.5468576	19.1425202	19.4925134	19.9011193	20.5871319	20.9626634	21.2897655	21.7061836
0.00963664	0.01137379	0.0112083	0.01136102	0.00857012	0.00846292	0.00389172	0.01132611
0.17685637	0.1826233	0.17607116	0.17823284	0.21422662	0.17491903	0.18751591	0.13447294
1.36741646	1.4302925	1.52255746	1.58402191	1.69807775	1.79526037	1.90351961	1.99267565
17.434124	16.4594099	19.5284777	21.0921627	20.4606482	23.0013794	23.4482798	28.7528098
7.09771371	7.24931109	8.9401593	9.6508705	9.89240568	10.0409228	10.4942783	11.086647
0.27957764	0.25708391	0.18183181	0.17868259	0.18796566	0.19111488	0.30133758	0.28559148
0.02204454	0.01889532	0.01889532	0.02204454	0.01889532	0.02204454	0.01889532	0.01889532
82.6767835	82.2913073	81.702594	81.8022916	83.1429124	84.789672	85.1069754	85.8993329
1.14297454	1.15882799	1.05416133	1.02975687	0.95536553	0.92468847	0.87412144	0.94595021

700.589393	657.252439	649.150522	636.754429	660.505382	643.873302	626.308532	634.662469
42.0605804	44.477532	45.8205772	47.2988277	49.7617247	51.8137166	53.223338	55.136793
0.00277856	0.00287364	0.00255878	0.002752	0.00296555	0.00298511	0.00255605	0.00266411
3.86272305	4.83794823	4.63663982	4.82015991	4.71985808	5.85812334	4.7036561	4.76597675
0.00185237	0.00287364	0.00255878	0.002752	0.00197703	0.00199007	0.00122442	0.00338261
3.91163479	4.5636185	4.88180744	4.24484719	3.10356679	2.06392339	2.16815159	2.61919423
0.03854657	0.02653883	0.02615271	0.02650904	0.01999696	0.02256778	0.01557083	0.01736014
0.03372825	0.02653883	0.02988881	0.03029604	0.02856708	0.02256778	0.01461952	0.01882441
0.46495444	0.42004241	0.59160361	0.61780692	0.66074387	0.80626635	0.64384564	0.74678236
13.1676552	11.7771952	10.7627281	10.2394158	12.5769045	12.5763846	10.7658413	11.095309
0.36142357	0.33882314	0.31398331	0.2944619	0.32408413	0.2922026	0.2721958	0.31632699
1.56106384	1.20977216	1.35741998	1.49080173	1.43070747	1.70718043	1.77810306	1.94822671
4.4079E-08	3.6487E-08	4.3249E-08	3.8617E-08	3.308E-08	8.9951E-09	3.6743E-09	4.9427E-09
0.34637488	0.3338809	0.32137504	0.33389386	0.35894336	0.37690096	0.37698495	0.25607876
11.6604797	10.7163471	10.5865076	10.9696127	11.2052856	11.3360573	11.4586605	11.7000729
0.47419961	0.60942838	0.62323439	0.60587864	0.63374212	0.65320562	0.65552479	0.53179898
4.97838874	4.35608984	3.73379182	3.23595602	3.36041247	1.43128708	1.58063855	1.26949218
21.5427324	14.1736374	12.1164085	11.6324759	16.2229075	14.2863048	9.03374158	6.42219173
14.93096	14.3239834	15.2502988	15.1174765	14.9065516	15.3330464	16.4418094	15.7707383
0.14531596	0.14529228	0.14670491	0.14660362	0.15083572	0.15849842	0.1604334	0.16191475
7.3464E-08	5.1245E-08	7.8216E-08	3.9007E-08	3.4989E-08	9.0362E-09	3.5732E-09	5.6179E-09
17.703218	17.196909	17.963514	17.9941541	17.2834013	19.1465829	18.0505253	19.3973258
3.68582488	3.16736203	2.81449113	3.22251833	3.3584673	3.51333729	3.64979459	3.58784322
3.41186855	3.43014022	3.4581883	3.4579665	3.48178248	3.55232282	3.5689633	3.63998493
0.00123285	0.00047263	1.9227E-09	2.7215E-09	2.82E-09	2.6668E-09	5.9338E-09	8.6575E-09
10.2010205	8.47693971	7.02481342	6.96786086	7.47005212	6.5920066	7.23148083	7.46100411
	1.0162E-07	1.0823E-07	1.0871E-08	2.3632E-09	1.5361E-07	1.7251E-07	1.4746E-07
0.00528366	0.00177238	8.2403E-09	1.0206E-08	8.4599E-09	7.7337E-09	2.0114E-08	2.8166E-08
0.23153695	0.51887461	0.47656035	1.48842328	0.84368713	0.58285194	0.54483044	0.67008639
2.49990341	2.32516801	2.54010176	2.70242703	2.99944327	3.04150816	3.23934127	2.85893831
2.52781463	2.53543912	2.36379633	2.2051016	2.47013248	2.36627196	2.76069691	2.80758581
7.3464E-07	5.9445E-07	5.7512E-07	3.7056E-07	2.7037E-07	6.161E-08	2.4122E-08	3.3892E-08
0.11941397	0.0866034	0.11102998	0.1203298	0.1201613	0.13803325	0.13580953	0.14702278
5.45729544	5.5039181	5.5439672	5.54538194	5.51410306	5.52646108	5.52674665	5.67388916
4.198E-08	3.0747E-08	3.2207E-08	2.7305E-08	2.3856E-08	6.161E-09	2.9905E-09	3.0859E-09
9.9702E-08	6.7644E-08	8.0517E-08	7.2162E-08	5.7254E-08	1.4376E-08	5.2643E-09	9.5446E-09
1.18208081	1.3102946	1.45034595	1.18388826	1.15502446	1.26881849	1.06050368	1.11680537
21.7468454	18.6969986	18.1358025	21.3822099	24.9875945	30.2340912	28.2920964	29.8551521
8.6623E-05	9.6573E-05	9.7644E-05	0.00014839	0.00034911	0.00039695	0.00632507	0.00615791
3.11718102	2.41899626	2.62692224	2.78760184	2.62706671	2.50318311	2.27503771	2.09960607
4.1024E-08	8.4618E-08	1.1301E-07	1.4802E-07	3.8158E-07	3.2466E-06	6.4485E-06	1.4678E-05
0.0032772	0.00336553	0.00366587	0.0034892	0.00347153	0.0038602	0.00432837	0.00430187
0.00176122	0.00076803	3.8455E-09	5.1028E-09	3.948E-09	3.7335E-09	9.964E-09	1.2512E-08
37.443929	34.8415395	33.2886629	32.0395969	36.0159392	38.5272996	40.9060009	40.5570903
0.73507863	0.70079852	0.64903954	0.63872852	0.65263374	0.63801459	0.60841792	0.59679799
7.98225376	5.49220172	4.53658076	4.39588259	4.30573551	4.02782725	3.44492246	3.45290449
107.135651	98.0868627	99.6736235	102.237109	111.21429	120.186332	129.047508	134.761473
0.26119775	0.26396841	0.27296185	0.24044009	0.23144647	0.30859481	0.27850325	0.21039132
6.3089E-05	8.5175E-05	0.00010057	2.14946414	2.1006522	1.83198927	3.0043646	2.46698383
0.03987277	0.04355739	0.03169505	0.04764605	0.04579126	0.03969427	0.03356393	0.03954209

1.10676453	1.29136992	1.54938785	1.62666127	1.66397446	1.66386721	1.70076891	1.70105965
6.70142028	7.43295837	7.32321411	7.96708347	7.68362109	8.03784076	7.42722211	6.77052008
0.00052837	0.00017724	8.2403E-10	1.0206E-09	8.4599E-10	8.0003E-10	9.5847E-10	2.8487E-09
0.00369856	0.00124066	2.4721E-09	3.0617E-09	3.102E-09	2.9335E-09	1.9793E-09	2.8718E-09
0.08109318	0.07477303	0.14691919	0.08741284	0.09694154	0.09373301	0.13748795	0.12183363
1.70466856	1.04368361	1.53443094	1.43881182	1.55257264	1.48333904	1.33877777	3.15158614
3.1485E-08	2.5623E-08	3.1056E-08	2.828E-08	2.4651E-08	6.5717E-09	2.7158E-09	3.6313E-09
0.06900545	0.07210149	0.06615417	0.07210147	0.06281336	0.02875734	0.04944997	0.07894162
15.9000086	15.5723475	14.4004421	13.8481134	13.8317314	11.2510114	10.0914844	9.4897162
68.3120829	62.5096557	62.2412196	72.3655527	67.5383359	62.0005709	55.6353408	55.10401
0.01761221	0.00472634	2.1974E-08	2.0411E-08	1.41E-08	1.3334E-08	2.6375E-08	3.7018E-08
5.2475E-09	6.1494E-09	6.9014E-09	5.851E-09	4.7712E-09	1.2322E-09	3.9343E-10	6.9859E-10
1.05002809	1.20190678	1.16553776	1.24952601	1.37061387	1.35859889	1.59242413	1.58876159
0.02770736	0.02770735	0.02216585	0.05040214	0.06351255	0.03047814	0.03324885	0.03601957
34.6931537	29.3482495	28.8021581	29.3604699	30.4212859	36.8047405	36.9432087	33.6655199
2.63745754	2.63584803	2.4744198	2.47040473	2.96382252	2.84743043	3.63415252	2.23863362
1.5539188	1.67592056	1.88868554	2.74581496	3.00875899	3.53294215	4.10544194	4.76907526
0.03103065	0.0310307	0.03684881	0.03878829	0.03490949	0.03297	0.03684884	0.007758
11.2054522	10.6807598	11.4996547	10.9134298	11.6145708	12.2566285	13.395961	13.2083149
2.00093707	2.00061101	2.02006221	2.01866759	2.07694172	2.18245373	2.20909762	2.22949516
0.07863999	0.06930553	0.08735638	0.09129919	0.07096786	0.07635954	0.09357929	0.11222668
1.49893795	1.51210576	1.32495989	1.42935267	1.3223645	1.44885487	1.31590586	2.29570751
2.099E-09	1.6398E-09	1.8404E-09	1.5603E-09	1.2723E-09	4.1073E-10	1.2358E-10	1.5607E-10
36.1658565	33.1552775	28.2530783	25.883829	23.8178408	24.4752216	21.5732822	19.9666507
4.79124158	4.77618288	4.60892301	4.01074806	5.2493659	6.037566	4.04572077	3.4455548
42.6494179	37.360588	36.54205	38.0431891	36.368529	37.279728	38.0705364	35.8510198
0.00757291	0.00757909	0.00766195	0.00767119	0.00788927	0.00825836	0.00838621	0.00847794
0.09974141	0.06372403	0.05818282	0.0277062	0.04155916	0.05541226	0.04987106	0.04155913
0.00986284	0.00324936	1.5382E-08	1.9391E-08	1.6074E-08	1.4134E-08	3.8479E-08	5.6509E-08
9.1831E-08	1.0044E-07	1.4263E-07	1.2677E-07	1.1292E-07	2.6698E-08	1.0559E-08	1.5153E-08
0.00193734	0.00064987	3.0214E-09	3.7421E-09	3.384E-09	3.2001E-09	6.3576E-09	1.0608E-08
0.00105673	0.00035448	1.6481E-09	2.0411E-09	2.256E-09	2.4001E-09	4.5373E-09	1.0424E-08
1.99046134	1.70768133	1.57515362	1.29623356	1.25579486	1.09018297	1.55976051	1.80498874
7.8712E-09	8.1992E-09	9.2019E-09	7.8013E-09	6.3616E-09	1.6429E-09	7.4091E-10	1.1647E-09
0.10669799	0.11290045	0.11413376	0.09591374	0.10431026	0.11031397	0.09149405	0.09411713
6.5593E-08	4.5096E-08	6.2113E-08	5.4609E-08	3.4989E-08	9.0362E-09	4.1182E-09	5.818E-09
0.13977562	0.2583772	0.16724546	0.30195514	0.41708438	0.42583842	0.57651723	0.13937753
0.06883712	0.03924316	0.02352816	0.05119061	0.07743966	0.07189847	0.03700778	0.05163686
4.09980956	5.88982847	5.86754823	6.78765798	8.32978408	8.60127066	9.36688432	9.4236392
0.00320852							0.00311161
3.61847773	3.36139749	3.14987752	3.26067862	2.97372803	4.36465302	4.42554487	4.6341359
21.2527112	20.3088704	18.6242801	16.2491892	17.5713445	18.2636386	19.9897315	20.6449727
22.5906072	24.2881695	25.2966364	26.6228131	27.2234351	28.8513938	30.4136573	31.2273246
0.47086761	0.30332199	0.29803125	0.36220798	0.47009288	0.69219547	0.72124726	0.51661835
26.6094263	21.0656182	35.7641112	33.0255185	19.8080286	17.509969	17.0691883	16.2939322
23.0887471	9.04377795	9.52447337	9.98182853	12.0304874	15.0753117	17.2516843	14.3487673

0.72568431	0.75885191	0.91966263	0.77352073	0.73414662	1.89264412	1.84230871	1.96652344
30.5708006	30.1108403	27.5144415	27.3550225	28.2989085	27.7728129	28.6276179	26.2601189
0.04177315	0.03900236	0.03623194	0.03900244	0.03900219	0.03900234	0.03623182	0.04155879
1.85450328	1.94687228	1.70797558	2.17413871	2.09806899	2.07120551	1.92532813	2.56006951
85.4826567	90.5868084	90.5419296	84.5906322	90.0322812	88.8633291	85.2167762	84.7906472
5.7088147	5.72379121	5.77072163	9.43599679	9.60541051	9.95420959	9.48147773	9.2978933
0.19402347	0.17292462	0.16115997	0.13660906	0.13660902	0.13349782	0.20796202	0.2429133
0.00932522	0.00943322	0.00966047	0.00986853	0.01010359	0.01014854	0.01067189	0.01098156

1.0495E-08	8.1992E-09	9.2019E-09	7.8013E-09	6.3616E-09	1.6429E-09	5.4691E-10	6.9066E-10
11.7305413	14.8135966	16.2861372	19.9996067	24.9149119	28.6474442	26.8812928	25.7356018
7.3724711	4.52706968	3.6400764	4.52697304	4.7400079	5.02347645	4.75346712	4.5523133

0.24892047	0.23647447	0.0746763	0.07778751	0.11823687	0.09645664	0.17424424	0.1960246
0.02289587	0.0070895	3.2961E-08	4.0823E-08	3.102E-08	2.9335E-08	4.781E-08	4.8798E-08
13.1144701	7.29043208	8.48994457	6.64599996	5.22144071	4.48606639	10.5437056	8.29653932
2.099E-08	1.2299E-08	1.8404E-08	1.3652E-08	1.1133E-08	3.6966E-09	1.4425E-09	1.9765E-09
0.16290723	0.1570251	0.18468764	0.12348056	0.12591037	0.13558568	0.14769069	0.1383563
0.00176122	0.00059079	2.7468E-09	3.4019E-09	2.82E-09	2.9335E-09	6.7625E-09	9.285E-09
1.74539124	1.76090464	1.7735453	1.77405986	1.76163704	1.7620949	1.76125747	1.80947745
0.48334	0.47346	0.39182	0.2678	0.3744	0.30368	0.29614	0.22308
0.06818329	0.06817218	0.068835	0.06878747	0.0707732	0.0743686	0.07527651	0.07597157

0.25246265	0.23318337	0.27339838	0.3024977	0.32459155	0.29644215	0.31393707	0.30566494
0.05676585	0.0567566	0.05730842	0.05726886	0.05892208	0.06191541	0.06267129	0.06324996
2.9726E-07	3.809E-07	3.0373E-07	2.8756E-07	1.1046E-07	2.7106E-07	8.8893E-08	2.5648E-07

37.7758493	40.9321079	50.7952061	38.568303	37.9619024	39.6568965	39.3947464	35.4312226
0.01717488	0.01078182	0.01461604	0.01567644	0.01528937	0.01815044	0.01769439	0.01957592
0.00528366	0.00236317	8.2403E-09	1.0206E-08	8.4599E-09	8.8004E-09	1.4588E-08	2.3337E-08

0.24175454	0.25492081	0.27456405	0.27588385	0.32539578	0.38803589	0.42556944	0.37510596
0.00642109	0.00599973	0.00694026	0.00702609	0.00768357	0.00756813	0.00796121	0.0098705
0.09217032	0.06842925	0.06722221	0.03788079	0.01593177	0.00032748	3.7427E-05	0.00040234
0.00739713	0.00236317	1.0987E-08	1.3608E-08	1.692E-08	1.6001E-08	2.0081E-08	3.7993E-08
1.1807E-07	9.2242E-08	1.0352E-07	8.5815E-08	6.2025E-08	1.9715E-08	4.8621E-06	5.5361E-06
0.00528366	0.00206777	7.9656E-09	8.1645E-09	6.4859E-09	7.2003E-09	1.4653E-08	2.1023E-08
7.36494098	6.1345476	7.48194186	10.1440189	12.1008073	9.95740211	10.5274643	10.2750135
0.01761221	0.00590792	2.7468E-08	3.4019E-08	2.82E-08	2.9335E-08	6.7989E-08	1.014E-07

0.03530047	0.04492939	0.05455996	0.0545882	0.05780337	0.05459517	0.0545862	0.05780802
64.9605546	45.0424009	37.8363845	37.2603345	40.4159173	42.6943478	41.8603415	37.7963128
0.04807969	0.05085026	0.05396164	0.05119102	0.04530887	0.04185652	0.04496803	0.04185653
11.6182622	11.7418742	11.2122936	7.02752711	7.84470456	8.43506313	10.1180354	10.5938341
5.11115237	4.16511344	4.51759839	5.10894802	4.73296494	5.34434381	7.27395157	6.4042244

1.01295281	1.00591981	0.87148675	0.82902128	0.76033104	1.13900399	1.73748572	1.94698159
10.612917	11.8870608	9.67217989	10.7647067	7.67432713	4.33609694	5.58070639	5.09964529
1.20809896	1.42793505	1.2054822	1.77799059	0.98081568	1.23185437	1.43219039	1.77860732
0.31841058	0.23708439	0.24641898	0.28277719	0.2811263	0.24296633	0.21006026	0.25993071



2.18826283	2.24145629	2.22598445	1.79810111	1.95997661	1.73951057	2.00184147	1.8900701
1.94095408	1.89358261	1.84986875	1.85086552	1.15633826	1.33178995	1.3770567	2.14305208
0.00412643	0.00418862	0.00415863	0.00431725	0.00477466	0.00386363	0.00421173	0.00441521
2.0498E-05	1.7936E-05	1.7936E-05	1.7936E-05	1.7936E-05	2.0498E-05	1.7936E-05	1.5374E-05
22.4307933	19.2081275	18.9868187	19.7407024	19.0733428	18.7484257	18.5266499	19.4749722
0.000198	0.00019686	0.00019861	0.0001995	0.00020495	0.0002065	0.0002003	0.00019263
3.33325421	3.34410807	3.63691993	3.74153542	3.75222453	3.85811719	3.85929474	3.8601441
1.46372691	1.70636918	1.57256495	1.78965536	1.61470432	1.39241772	1.66618087	1.53503651
0.04446664	0.02540774	0.02223294	0.01587978	0.01905715	0.01587882	0.01587886	0.0190554

7.22504045	3.19697098	3.30496688	1.71543945	5.42164973	4.30113275	4.37886058	4.5822297
0.00757325	0.00254041	1.291E-08	1.837E-08	1.692E-08	1.5734E-08	3.3444E-08	5.1552E-08
6.35985055	5.75407274	5.68470912	6.35350917	6.90070467	6.8902756	6.85692092	6.79000224
161.485855	161.520694	162.772936	162.403392	165.628501	173.424718	172.401734	172.571139

98.9319283	72.0861602	63.1323578	49.2630881	22.6133517	21.4597939	21.3073287	24.8636343
0.367563	2.58576663	3.71231264	1.95649213	1.89846626	3.34535965	3.42677668	3.41031216
0.01385358	0.01108295	0.00831228	0.01108286	0.0083122	0.00831223	0.01108294	0.00554151
0.06538495	0.06227347	0.04462713	0.02386937	0.0356335	0.0304331	0.04462718	0.04462719
3.69395166	4.00020585	3.951364	4.29824469	4.178618	3.96343504	3.88087067	3.71198845
2.1611E-07	4.7391E-07	4.9664E-07	6.8689E-07	7.3877E-07	7.4859E-07	7.9022E-07	1.5487E-06

0.0088061	0.00295396	1.4833E-08	1.7009E-08	1.41E-08	1.4667E-08	3.4034E-08	5.0755E-08
0.08303118	0.06883728	0.05984365	0.06227322	0.06470309	0.07403729	0.07092601	0.07680804
0.01391399	0.00543555	2.7619E-07	3.2663E-07	1.7553E-07	3.0651E-07	3.4762E-07	1.139E-06
2.6237E-08	2.0498E-08	2.0704E-08	1.9503E-08	1.5904E-08	3.6966E-09	1.7699E-09	2.8403E-09
0.00035224	0.00011816	5.4935E-10	6.8038E-10	5.6399E-10	5.3336E-10	1.2963E-09	1.7798E-09
0.00013566	0.00013043	0.0001584	0.0002336	0.00027116	0.00031918	0.00054969	0.00069106
4.32530392	4.2115252	4.14733803	4.21068716	5.06252684	4.9023187	4.82807287	5.02890221
5.88445679	3.01240781	3.04656713	5.54955161	5.64026627	5.04257351	4.34504029	4.51714467
3.10786797	2.67541993	2.69128923	2.26402396	2.26591986	2.37191167	2.58184365	2.60272313
0.00184168	0.00171611	0.00171611	0.00106734	0.00130801	0.00173704	0.00179982	0.00172657
0.00264183	0.00070895	3.0214E-09	6.4636E-09	5.6399E-09	5.6002E-09	1.1692E-08	1.6957E-08
1.59486641	2.15058414	2.20778659	2.2259393	2.45367488	2.18025049	1.57758543	5.70573421
2.3335E-09	1.8231E-09	2.046E-09	1.7346E-09	1.4145E-09	3.6531E-10	1.4208E-10	1.7943E-10
0.00352244	0.0011225	5.2189E-09	6.4636E-09	2.538E-09	2.9335E-09	1.1136E-08	1.3681E-08
2.8228E-07							
0.21388477	0.30033139	0.21691298	0.27073885	0.33326819	1.59305523	1.81592882	1.91997505
0.00261528	0.00264557	0.0027093	0.00276765	0.00283357	0.00284618	0.00299295	0.0030798
2.50989674	2.51076654	2.53492304	2.53344498	2.60168178	2.72674059	2.75857913	2.78663042

4.15732269	4.72521325	3.84411591	3.61060985	3.61824739	3.79527437	3.68621923	3.82606168
0.30177608	0.33670039	0.27186956	0.32868083	0.27684961	0.38425445	0.44259424	0.43191955
4.31616556	4.16592029	4.68471655	4.74943723	5.05286886	5.33749557	5.73235018	6.40244739
6.35273038	5.66820456	10.4506227	10.7336028	9.97114887	10.4341798	10.0289659	9.68109505
0.03627425	0.03627425	0.04458591	0.05021397	0.04467285	0.05237465	0.04461491	0.04460525
56.6665184	56.7321725	57.2720452	57.2523348	58.6257846	61.1905136	61.8632871	62.5853942
0.26218867	0.22416832	0.24770012	0.20243343	0.1724082	0.16886742	0.15023446	0.25214847
283.035689	261.970875	262.079069	254.68514	268.399129	264.591682	268.48929	288.424328
3.29970028	3.30900218	3.33848479	3.33738561	3.39432939	3.51140109	3.54068399	3.59327495

7.8712E-09	6.1494E-09	6.9014E-09	5.851E-09	4.7712E-09	1.2322E-09	4.0409E-10	5.103E-10
16.2483947	16.0754097	17.091589	14.5916839	17.8102087	15.0535966	15.9105729	19.7016612
5.2475E-09	6.1494E-09	6.9014E-09	5.851E-09	3.1808E-09	8.2147E-10	1.9357E-10	6.4793E-10
0.04898616	0.05665214	0.05985473	0.06003913	0.04809357	0.05355144	0.05840313	0.06033278

0.29870447	0.27381245	0.37026846	0.37338066	0.37026936	0.38582625	0.39680038	0.35277965
22.1504987	24.7301127	37.7550749	49.9586858	53.471175	56.0670534	57.9066247	58.901089
0.07439203	0.08543152	0.07916852	0.07906373	0.07079341	0.06485584	0.06171912	0.06482277
0.53725656	0.40767742	0.5359195	0.53462754	0.49359806	0.49300472	0.93675123	0.94330417
0.00079887	0.00100284	0.00083434	0.00107815	0.0011943	0.00141507	0.00237036	0.0024201
0.18314034	0.2669211	0.2276139	0.2423309	0.26144552	0.42455304	0.43586716	0.46189054
0.42533068	0.45047476	0.42558287	0.43516933	0.70441091	0.8509051	0.75608942	0.82986458
0.00019635	0.00021763	0.00016917	0.00018918	0.00019964	0.00024883	0.00033927	0.00105941
2.67449895	2.17489353	2.17055287	2.54356189	2.61395318	2.52067579	2.48296426	2.72972661
1.10146386	1.19169693	1.16991632	1.20414271	1.11702125	1.07034907	1.01745401	0.97389312
7.01514874	9.15055535	9.12830821	7.11206878	12.98685	16.2714732	20.0887441	22.9200972
15.9813667	14.6163414	15.1115801	15.3953904	17.0441796	14.883832	14.9269206	17.755336
3.89955846	3.85024826	3.80264202	3.74799442	3.71747205	3.5784039	3.61485867	3.61637855
0.00133145	0.00140848	0.00150891	0.00108904	0.00126321	0.00142153	0.00230513	0.00275075
45.1635959	41.9504458	40.4398797	35.3307682	36.4720688	38.5569716	38.5716571	39.8259991
12.9527048	10.3910861	9.93283796	10.1740233	10.9140762	11.3178332	10.6523156	10.5777287
11.3120822	11.2464679	11.2277621	11.2168774	11.3809356	11.2670857	11.3810293	11.5042978
0.01958213	0.02035479	0.01242594	0.01595414	0.01676605	0.01836938	0.0214094	0.05140232
33.5660078	29.5486078	28.9500252	25.7860699	28.4364996	28.1245868	27.1390761	26.0886596
0.02800317	0.03111478	0.03422639	0.03422639	0.01555739	0.02800317	0.02800317	0.02178028
0.08392341	0.07633046	0.05325402	0.05982802	0.05029815	0.05327119	0.07257316	0.16723039
2.09298727	1.931975	1.97911318	1.5707479	1.41520184	1.29733517	1.43565933	1.77270272
11.2424433	11.9779483	12.400021	12.1430838	12.4770543	15.4496336	12.6675748	12.6362259
2.047319	2.32097474	2.64855386	2.58453253		0.00262549	0.01726764	0.0241846
0.01331447	0.01633834	0.01109496	0.01034588	0.00976113	0.00969223	0.01556193	0.01659497
4.87629044	5.40067158	5.12944332	4.62124482	4.76494686	4.83167689	5.23475357	3.99225398
11.3040414	11.091957	10.8519597	10.5803874	10.3293704	9.77149294	9.84461991	9.83754054
0.00076083	0.00084509	0.00062132	0.00076233	0.00086128	0.00096922	0.00192922	0.00151098
0.00180696	0.00185919	0.00155329	0.00201472	0.00206706	0.00226152	0.00339615	0.00467338
0.40246062	0.53730798	1.09459367	1.31397063	0.91373379	0.70988407	0.55790315	0.3832534
56.6159995	44.8148257	43.6686686	39.4800077	38.5320517	40.8270093	43.7481302	48.6577674
0.01176926	0.00848784	0.00819997	0.0106476	0.01423213	0.02501176	0.01062608	0.00984955
0.12501408	0.08972034	0.11212055	0.12816316	0.09928647	0.10570351	0.09292886	0.09613738
0.00113296	0.00343234	0.00247025	0.00236699	0.00235003	0.0036112	0.00410923	0.03495703
0.36152564	0.44732848	0.42975015	0.42556536	0.46165853	0.50127971	0.50769676	0.51411411
0.02797447	0.03307653	0.02485188	0.02991401	0.02347247	0.02571713	0.03595055	0.07428517
96.3359642	87.7378162	76.5746886	73.537893	78.0789822	76.9524923	76.8695087	79.3013329
8.5217696	9.00644647	7.60533216	9.87451391	8.83167299	9.06723006	8.25825422	7.09061176
6.29659678	5.99317366	4.59982683	5.29159867	5.90053869	5.91424526	6.33727636	6.32641006
601.020264	581.126846	611.870052	645.225072	710.821473	656.90272	685.928461	732.083275
0.62472289	0.51855122	0.5601994	0.77847057	0.20378728	0.40045415	0.40107991	0.41488443
0.16490842	0.2053577	0.19913481	0.17735421	0.1866887	0.21158059	0.21158059	0.17424292
0.65969447	0.67401402	0.63916251	0.6207012	0.63868848	0.63344207	0.78872554	0.8098989
0.04978378	0.04978378	0.05289507	0.06222957	0.05600668	0.06845246	0.03733767	0.05911796
0.00097081	0.00437695	0.00274171	0.00240443	0.00214959	0.00287477	0.00186089	0.00203523

9.8343831	9.81465813	9.26015814	9.70468397	9.7545008	10.1113043	10.4277893	11.2937523
0.00839234	0.00763305	0.0053254	0.0059828	0.00502981	0.00551081	0.00345823	0.01691368
0.05874639	0.05343132	0.01597621	0.01794841	0.01844265	0.02020631	0.00714126	0.01705081
0.55961568	0.63406704	0.37747022	0.43160422	0.47176211	0.55575698	0.50621189	0.51998678
10.5434703	11.1130782	10.5751249	13.4305205	13.9649777	11.2068914	10.4739613	11.5368378
0.00057062	0.00070424	0.00059913	0.00078955	0.00088999	0.00103384	0.00175201	0.00177803
0.79269494	0.67492555	0.64445062	0.64165819	0.68528517	0.64622117	0.79519938	1.02070197
68.979629	67.023284	70.1775512	69.7130137	70.045547	71.1747679	71.5180592	73.4165168
213.039601	205.32272	185.830669	193.645307	191.353804	194.306918	179.529812	178.178899
0.27974471	0.20354789	0.14201073	0.11965604	0.08383024	0.09184688	0.09516321	0.21978851
9.5103E-05	0.00016902	0.00013314	0.00016336	0.00017226	0.00019384	0.00025381	0.00034205
8.26015068	6.71885513	6.06842534	5.54499033	6.21730075	6.41027893	6.64758088	6.22759944
1.2081208	1.19309638	1.56511537	1.23674927	1.16138968	0.47014937	0.72877695	0.78565713
3.31707634	4.05156449	5.11980444	4.35844335	4.46790924	5.14203643	5.50789083	5.87386186
1.34810616	1.49837402	1.38008654	1.51224619	1.42033755	1.82577241	1.8153979	1.9595545
15.2473631	17.026381	18.1793505	19.0221755	20.7035431	20.901633	19.723819	24.8611158
0.02518149	0.04616135	0.0189697	0.01951875	0.022035	0.02587865	0.04180211	0.0368269
0.03647181	0.0274909	0.02122033	0.0209508	0.01684629	0.02288771	0.02724823	0.05254808
50.4189388	50.3885874	43.8475359	45.2426494	42.1291375	41.4550619	40.218443	38.9997718
5.47513492	5.3600353	5.22559667	5.07405129	4.9242068	4.62766515	4.65692676	4.65268687
0.2242159	0.32788919	0.18657609	0.18913833	0.18934538	0.20728232	0.28159151	0.28432862
14.0350403	14.3515184	14.5894337	13.7294126	14.0933206	12.6608791	12.8316936	13.3587951
0.0577566	0.10273709	0.07379509	0.05482186	0.05563401	0.07057556	0.07010167	0.0574229
3.8041E-05	4.5071E-05	3.5504E-05	4.3562E-05	4.5935E-05	6.4615E-05	7.9727E-05	7.6416E-05
110.197428	91.4646075	81.9227989	80.0788944	80.3102514	80.3295295	75.2884795	75.2982187
0.83945173	0.99292077	0.86620475	0.89861443	0.82762147	0.79536143	0.49297417	0.48429675
98.1568281	98.8101527	95.8159722	90.2910429	86.1209233	87.8312398	84.6606748	86.122564
8.35008712	8.01005889	7.58140001	7.15792792	6.80199353	6.40870086	6.27212075	6.62765805
0.37338682	0.48101358	0.26875363	0.15242661	0.32381973	0.1847733	0.2471001	0.28142341
0.15665704	0.13993917	0.09940751	0.11367324	0.09556648	0.09735769	0.13883615	0.33551242
0.00166431	0.00276062	0.00275155	0.00353938	0.00407671	0.00419997	0.00681202	0.00741936
0.03077192	0.02798783	0.01952648	0.02193694	0.02011926	0.02204325	0.02293878	0.06298565
0.01678468	0.01526609	0.0106508	0.0119656	0.01341284	0.01653244	0.01637082	0.06189006
0.02566817	0.0288767	0.00641705	0.00962557	0.00320852	0.00641705	0.00962557	0.00962557
9.9875587	8.72650717	8.60010778	9.05199073	9.33328491	9.1287253	9.10181939	9.53171255
0.00014266	0.00022536	0.00017752	0.00021781	0.00022967	0.00025846	0.00047798	0.00057028
0.79847602	0.58481763	0.47382225	0.45471092	0.44797618	0.44793869	0.51700284	0.5719117
0.00118879	0.00123946	0.00119826	0.00152466	0.00126321	0.00142153	0.00265673	0.00284871
0.83456116	0.82831574	0.53938609	0.33317506	0.51733343	0.53327319	0.47921629	0.43484624
2.23243887	2.31960218	2.96425516	2.98733652	3.38662277	2.91477866	3.23054792	3.46965792
0.53940886	0.46331697	0.42671647	0.51568155	0.60708707	0.51334686	0.4886645	0.58122671
4.77029572	5.2832785	5.01794587	4.52079395	4.66137238	4.72665192	5.12096702	3.90547534
0.20992464	0.07898901	0.19505079	0.24738255	0.25791324	0.27503595	0.18244395	0.18876408
19.1185871	18.0364447	17.9026694	17.4246663	17.86148	17.3276872	16.9031414	16.683258
19.7378682	21.1546715	21.1033303	21.8899502	19.0040181	24.0509435	28.1822868	26.010454
83.3371662	88.8760452	101.716201	102.671146	112.977746	114.09349	133.08151	134.977783
5.79291598	5.82584414	5.38322712	5.20317267	5.74004923	5.80489655	5.09373244	5.85547838
18.5558927	19.3825507	22.2051104	25.2950522	27.2031408	28.532568	26.5556015	30.1080948
4.10051026	4.13388347	4.96197465	4.53991298	4.87894832	5.76920129	5.65294969	5.98300627
0.52251163	0.4260358	0.40673379	0.46588533	0.58388985	0.58028979	0.58524667	0.52789206

2.95311911	3.112484	3.27661615	3.12434766	3.26115567	3.40957784	3.57433026	3.78516914
85.2303372	80.3734801	75.2063135	71.3312248	72.0015152	70.7330837	66.2507957	69.0285808
4.30550022	4.23295988	3.03485144	2.93294886	2.76123575	0.95414475	1.09503512	0.98243964
0.58981047	0.77649949	0.95696531	1.12809661	1.02230648	1.20588358	1.34659591	1.31117778
241.020189	224.170295	229.315973	220.600546	233.258486	231.374432	222.963913	220.600585
117.160163	109.082528	98.4322351	88.0568542	78.5891062	71.1057165	66.3121043	75.7061129
0.91043879	1.11390852	1.06919646	0.9413011	1.16171928	1.16951027	1.16719022	1.39750375
11.6892145	10.6827647	9.34305799	8.05527047	6.89419559	6.11873004	5.44402505	6.73079144
0.00922267	0.02188473	0.0150794	0.01502771	0.01504715	0.02012341	0.01736835	0.01899549
0.00097081	0.00218847	0.00137085	0.00120222	0.0005374	0.00071869	0.00064182	0.00082576
0.00019021	0.00022536	0.00017752	0.00021781	0.00022967	0.00025846	0.00035282	0.00033817
29.3161862	29.5922687	27.3354551	27.6411671	27.2167954	27.2700918	28.5684874	31.5522445
4.38065724	4.52673762	5.42834281	5.95847733	4.95656062	6.18034466	6.6139713	5.96691112
0.01456211	0.01313084	0.0075397	0.0072133	0.00591138	0.00862432	0.00930447	0.01017616
0.01752748	0.01752748	0.00847544	0.13690524	0.11201335	0.15868553	0.15557391	0.30181366
0.36366812	0.30532183	0.2130161	0.23931208	0.18442654	0.20206314	0.17250278	0.28972713
2.2791207	2.52984797	2.84909773	2.47178798	2.52135094	2.34833342	2.13976721	2.08240212
0.00038041	0.00033803	0.00035504	0.00038116	0.00040193	0.00058153	0.00093059	0.00096777
0.50698308	0.65030526	0.68141709	0.65341377	0.61919046	0.3171828	0.28927356	0.27371616
0.02797447	0.02544349	0.01775134	0.01994267	0.01676605	0.02020631	0.02439964	0.05512822
7.93877368	7.79613879	7.63691517	7.45658336	7.29534555	6.91802899	6.97227049	6.96866955
7.7543703	6.23821788	5.92769175	5.49098851	6.17883731	6.14039394	5.58450179	4.93251282
3.13094769	3.07127326	3.00407296	2.92994778	2.86706753	2.72501963	2.74129821	2.75245212
0.01553292	0.03392132	0.0226191	0.02765099	0.02686991	0.02946643	0.0365976	0.04341155
4.8706644	4.29619301	4.23163715	4.501614	4.4763509	4.95581966	4.53921416	3.97358449
1.8621517	1.76390155	1.63816251	1.51886844	1.42672166	1.35462132	1.29762398	1.43315604
0.0004854	0.00109424	0.00068543	0.00060111	0.00214959	0.00287477	0.00287527	0.00314464
50.9692765	56.6220655	58.2984088	63.0921695	60.6151882	63.8989922	56.1646551	60.6745771
1.41619059	1.56848333	1.4897122	1.34211928	1.38385377	1.40323376	1.5202968	1.1594454
0.08392341	0.10177394	0.05325402	0.05982802	0.05029815	0.06061894	0.05263372	0.13856232
1.94291736	2.03812146	1.94916872	1.87179737	1.92649116	1.97669773	1.91683423	1.22342931
7.41895151	6.94380332	7.29917391	7.53523775	8.26752728	2.92824773	2.50821466	3.3010222
0.60768391	0.61004797	0.50127972	0.34049189	0.22226554	0.15369473	0.09221608	0.07566486
0.12807526	0.11292794	0.08143749	0.08969324	0.11065301	0.11737856	0.0773389	0.22961857
0.00213983	0.00253526	0.00199709	0.00239589	0.00223932	0.00310151	0.00515296	0.00563044
0.08527161	0.08838309	0.08216013	0.09499425	0.13963737	0.10092606	0.14034825	0.14067948
0.22466309	0.19016948	0.16308077	0.13556707	0.11881035	0.11321473	0.10167777	0.17447614
7.86182702	8.91321019	8.61409823	9.20120986	9.04512684	9.51582736	9.02389413	9.78796437
0.27974471	0.25443486	0.17751341	0.19942674	0.16766049	0.20206314	0.24530961	0.60202941
0.23366055	0.25424885	0.14405953	0.18114157	0.21091865	0.52296814	0.51539253	0.46970337
0.01876593	0.01876593	0.01876593	0.01876593	0.02187741	0.02187741	0.01876593	0.02187741
3.18829982	3.80968864	4.67816637	4.62248262	3.86314448	4.3131862	3.48339027	3.02903056
0.24778537	0.25721686	0.24778537	0.30385926	0.31633498	0.27880312	0.34132387	0.37253572
27.2562465	28.7729679	27.2683263	26.4239221	27.5015911	26.2034951	24.9716503	27.3035654
10.0322358	9.24407335	8.35058854	7.96183361	8.61770023	8.77035152	8.86194088	7.91145049
0.21193335	0.16440442	0.19372122	0.36579937	0.38323346	0.09965913	0.24725766	0.26229476
4.77514093	4.54549801	4.59871071	4.3703048	4.61010449	4.6202307	4.54579975	4.9139615
0.03779064	0.0379926	0.05508384	0.05498889	0.53489634	0.77514057	0.38396289	0.48070173
7.31322519	8.27019589	9.43340945	9.29114284	10.187941	11.5911046	12.1991688	14.3452569

0.57986803	0.52182334	0.54097747	0.53106073	0.52519617	0.59948412	0.67561539	0.69215923
5.82931886	5.73714504	5.36993595	4.41096041	4.22654177	4.67623907	4.70613798	5.09210057
7.05094829	6.82871976	6.57310044	7.65476202	6.44701161	6.22044229	5.82043596	7.08318703
0.17169928	0.17428719	0.17303931	0.17963938	0.19867218	0.16076454	0.1752486	0.18371539
0.05824844	0.13130835	0.08225126	0.07213302	0.07523575	0.10061707	0.08932295	0.10919247
64.0209675	57.8598574	53.1435945	54.0411071	56.756737	55.7294101	57.9234057	56.6938499
2.18075491	2.1548173	2.23188415	2.75211125	3.09660279	2.74820596	3.01953105	2.60767518
69.4697774	70.505731	75.4765335	78.6762825	82.2899878	84.7305459	84.2516894	80.2564705
7.72426759	7.46324882	7.68840756	7.41709702	7.29768367	7.44382849	6.89221554	7.02717495
0.07621888	0.08892254	0.12703198	0.11115259	0.10162543	0.07621888	0.09210089	0.09527493
0.00728106	0.02516743	0.02056282	0.02404434	0.03224389	0.03737205	0.04107324	0.04492231
1.94421843	3.16430928	3.14658729	3.38171922	4.01425794	3.71247921	4.18395483	3.98926539
0.12029022	0.10940699	0.0834313	0.10769044	0.10059629	0.10837932	0.12066759	0.30608083
93.7220383	84.3723017	84.2029364	84.0860971	84.8444107	69.7100074	72.0092606	74.3297219
251.044281	244.850132	237.614324	230.299455	225.099381	215.752548	215.131596	220.529223
0.09956861	0.10251247	0.10575243	0.10899317	0.11248746	0.10924672	0.11248746	0.11248746
39.4877981	42.8578876	44.7862435	41.5246941	14.4722524	12.9327785	12.9632241	12.6441284
9.27984533	10.2777711	9.761609	8.79447966	9.06795245	9.19494332	9.96202011	7.59747598
1.02049542	0.93648546	0.70001298	0.73122186	0.60365118	0.61298562	0.7094415	0.37959372
0.53016633	0.5176302	0.5022669	0.36908976	0.42888723	0.4258728	0.39991341	0.43335741
0.81938227	0.8748202	0.75406161	0.78238417	0.84137101	0.89081537	0.79016344	0.6136266
0.00070952	0.00042474	0.00023168	0.00053663	0.00036294	0.00044045	0.00053095	0.00101234
0.00339783	0.01094236	0.00616884	0.00601108	0.00537398	0.00646824	0.0050937	0.00649917
0.13987235	0.12721743	0.09585724	0.09971337	0.08383024	0.10103157	0.12279628	0.30135155
0.48517987	0.43135184	0.3777393	0.36561956	0.38422089	0.34905394	0.37102869	0.41497757
0.22099832	0.23408007	0.16153721	0.1774898	0.15424765	0.16716132	0.20535587	0.34432929
0.00047552	0.00056339	0.00039942	0.00054452	0.00057418	0.00058153	0.0011418	0.00139073
0.00559489	0.0050887	0.00355027	0.00398853	0.00335321	0.00367388	0.00467717	0.01056753
0.00665724	0.00676069	0.00488178	0.00435616	0.00384703	0.00555688	0.00880802	0.00703426
17.840753	16.9623986	15.8888283	15.8722445	17.1798377	17.0887776	16.0266191	16.5257489
2.83066636	3.13506743	2.97762056	2.68261343	2.76603187	2.80476838	3.03875272	2.31748687
19.3379924	16.1117154	14.2202667	12.9143548	12.5752674	12.9370395	12.2663779	11.9811461
0.22773809	0.19206445	0.19468898	0.11070144	0.15794427	0.21306113	0.19993522	0.19623681
0.04196171	0.03053218	0.01952648	0.03789108	0.0335321	0.03857569	0.04218712	0.100677
4.46662928	4.56500714	5.05590361	5.53552792	5.81662019	5.94163574	5.73546787	5.92767676
4.2292E-05	5.0108E-05	3.9471E-05	4.8429E-05	5.1068E-05	5.7468E-05	9.1661E-05	8.7854E-05
0.05594894	0.04834262	0.03372755	0.03789108	0.01508944	0.02020631	0.04018002	0.08122619
6.86564227	6.55017084	6.2782841	6.16431932	6.75021007	7.28456182	7.43033387	8.62918312
0.43335906	0.43246341	0.43424174	0.43690996	0.44847344	0.45016294	0.45469927	0.46190539
0.00097081	0.00328271	0.00205628	0.00180333	0.00161219	0.00215608	0.00115586	0.00285726
0.31219101	0.31258785	0.60767031	0.58398096	0.54030978	0.46449558	0.60712335	0.72478974
2.0580044	2.05793642	1.77196988	2.25222307	2.35441787	2.47926777	2.50267653	2.18242651
20.7750865	19.9544619	21.0548756	22.1241895	24.4539788	23.3099382	22.2327223	26.6012013
26.7244775	24.4464179	20.596954	22.471477	22.6176146	22.3623573	24.8881063	26.683788
0.27013434	0.28249115	0.27324582	0.27855546	0.29197361	0.35075513	0.32080301	0.30904152
0.16911438	0.13781088	0.13162566	0.1534815	0.11910426	0.116106	0.11603052	0.12847644
181.746843	175.336676	167.458931	159.825988	154.28213	147.732019	145.276021	152.990221
1.23595369	1.05282929	0.84859725	0.78205316	0.68196381	0.54641639	0.60313024	0.62194452

857.980122	837.271001	710.487106	645.353216	708.955986	703.082695	675.8952	691.433707
0.68802067	0.6754722	0.66113855	0.64415858	0.62621838	0.58728941	0.59331409	0.58767457
0.00014266	0.00016902	0.00013314	0.00016336	0.00017226	0.00019384	0.00026069	0.00024986
18.7354202	16.8649063	17.78461	16.5991719	18.2753371	19.2684219	18.7559949	21.3011865
9.5103E-05	0.00016902	0.00013314	0.00016336	0.00011484	0.00012923	0.00012488	0.00031725
5.2898595	5.19014846	5.73366636	6.57506402	7.25711583	7.20128895	7.89380455	8.60933623
0.00388323	0.00765965	0.00479799	0.00420776	0.00376179	0.00574955	0.00462463	0.00437948
0.00339783	0.00765965	0.00548342	0.00480887	0.00537398	0.00574955	0.00434209	0.00474887

70.4015589	72.8500718	64.1744105	55.0210309	55.0409753	56.9137191	55.633455	57.1066276
1.80074937	1.54749006	1.55981535	1.45366787	1.42645499	1.45611709	1.57983078	1.44591996
3.43295481	3.85913512	3.79558218	3.68495185	3.18493329	3.32057808	3.19279205	3.37403
0.05405014	0.05459831	0.05364956	0.05259164	0.06246627	0.06563341	0.07102129	0.08092642
0.31225203	0.36479264	0.36285685	0.5089654	0.46129941	0.64494104	0.67720979	0.74239323
0.39982218	0.39982218	0.42199108	0.4595229	0.11735687	0.16091776	0.20447834	0.17336355
0.00045585	0.00045196	0.00044526	0.00041685	0.00040983	0.00040323	0.00044446	0.00046412
0.81962771	0.79040477	0.90009441	0.93010272	0.97559172	0.99726377	1.00978364	1.00978364
0.67519139	0.67519139	0.69697167	0.70319425	0.65652239	0.60985021	0.51339393	0.55695514
4.71467823	5.39645388	6.66565344	7.58229057	8.22470685	8.97151362	9.58141434	10.2096618
18.6994879	17.2337824	15.7056128	17.1968501	15.7688394	14.2160806	17.72154	18.8551084
5.11488784	5.37426772	5.4753271	5.5449616	5.48049199	5.48371605	5.39340505	5.36964788
0.09008357	0.07668302	0.0970258	0.05312287	0.06607009	0.06593311	0.06906697	0.09198295
89.1333931	92.931646	98.7124063	93.8848765	96.5508015	104.319854	104.233019	111.237952
9.35851313	10.4547896	9.36326108	9.35108169	10.3100326	10.5174306	10.1367546	10.6171222
14.4550719	15.2475866	15.7717569	16.2435497	16.4498078	16.84026	17.0455956	17.3437044
0.00959707	0.01321246	0.0121271	0.01609697	0.02207416	0.0217118	0.02448306	0.02696807
34.8315524	33.1189827	30.9980057	26.7479581	25.6328227	21.944885	19.5594227	20.6288987
0.01594569	0.01263994	0.02236274	0.05755924	0.03782289	0.02858563	0.02858563	0.02537711
0.04113031	0.04954673	0.05197329	0.06036364	0.06622247	0.06296423	0.08299219	0.0877369
1.54899361	1.46388847	1.78850464	1.80399492	1.94522075	2.84244335	3.29494792	3.54361294
36.7698445	35.4265657	37.0492822	35.6545988	34.613187	37.2700009	40.3705039	41.4814071
2.01248097	2.17561417	2.32057098	2.78129225	5.29322	5.80463319	6.11035021	5.88980989
0.90083566	0.88952298	0.71342503	0.50466724	0.51054163	0.44954392	0.46627021	0.55492403
5.46190364	7.08009016	7.24303939	8.20276701	9.22102768	9.89781846	10.172411	9.76794159
47.619723	49.7357901	50.7567861	51.495613	51.0465193	51.1868305	50.6799013	50.7058622
0.05147632	0.04600981	0.0399518	0.03718601	0.04504779	0.04495439	0.05780361	0.05052616
0.12225627	0.10122158	0.0998795	0.0982773	0.1081147	0.10489358	0.10175622	0.15627453
0.40294426	0.47460828	0.3932466	0.44173836	0.47007953	0.45687232	0.51719004	0.53265661
8.9313697	10.5740811	9.73682633	8.6824999	10.013055	10.0779911	16.8926881	15.0567741
0.21555711	0.21471244	0.20261271	0.19921075	0.2162294	0.23975676	0.2593821	0.26351625
0.31831672	0.43863421	0.5258809	0.6329197	0.6955778	0.71037145	0.72125442	0.96784757
0.00089215	0.00911982	0.00930402	0.00925392	0.00838726	0.00992217	0.0104379	0.01313487
0.62892523	0.63332644	0.68869458	0.63263596	0.5663238	0.60576887	0.75955555	0.78178161
0.0137101	0.02147025	0.0242542	0.03018182	0.03090382	0.03039653	0.04111182	0.03897348
74.7515963	72.9106141	79.2860137	85.3212391	91.9213007	87.8074976	80.30752	90.0185055
0.68079284	0.60355997	0.63703303	0.63937795	0.6282038	0.69124187	0.74287027	0.71479082
3.85037736	3.77089696	2.89070318	2.90806064	3.48296233	3.02091339	2.91983089	2.8255418
310.084938	309.504263	319.33827	334.544016	364.6878	393.031439	424.444296	473.589595
0.39709887	0.15070976	0.22869055	0.99518236	1.2702423	0.69346006	0.7371117	0.78756315
0.07379631	0.08342187	0.08663039	0.07379631	0.05775338	0.0449193	0.04171078	0.04812782
0.14341335	0.14020483	0.13378778	0.13378778	0.1369963	0.1369963	0.14020483	0.14321919

0.07700482	0.07715632	0.02897769	0.00336002	0.00330952	0.00330952	0.00320852	0.00320852
0.00892149	0.01823963	0.01860804	0.01850783	0.01677452	0.01984434	0.01494116	0.01605992
4.89078976	5.11523719	5.58417162	5.9838659	6.32761448	6.5679668	6.93851149	7.12483749
0.00411303	0.00495467	0.00519733	0.00603636	0.00662225	0.00651354	0.00395472	0.00887371
0.02879122	0.03468271	0.01559199	0.01810909	0.02428157	0.02388298	0.0081665	0.00894565
0.07651931	0.05454487	0.05775339	0.06096191	0.04171078	0.03840535	0.03529374	0.11026047
8.03571217	8.46157776	8.77215605	8.732708	8.7769384	9.17183414	10.2004161	10.6230077
0.03860724	0.03834151	0.03852495	0.03851408	0.04654938	0.04795135	0.052494	0.05945615
0.95975996	1.03715999	1.07431198	1.05573599	1.08360015	1.14861597	1.19815185	1.41796805
56.6396805	57.9149631	60.9672538	60.7716634	61.1352138	59.5327856	58.2037525	53.6983341
408.770032	407.774581	399.067727	399.915618	406.219879	395.088442	396.791718	391.060312
0.13710103	0.13212462	0.13859544	0.12072728	0.11037079	0.10855902	0.10882541	0.11531135
0.00643454	0.00920196	0.0085611	0.00796843	0.00900956	0.00899088	0.00760484	0.01143804
26.2612124	19.9979199	26.5859496	24.665019	25.1848851	30.7964093	31.061431	29.9426907
3.0316195	2.87984241	2.37277414	3.40286776	3.5864338	3.31707078	3.79867714	4.18230698
5.1249595	5.31296278	6.91894933	7.85705533	8.11446538	8.59571849	10.2493476	9.43993505
2.25840545	2.71284863	2.83335543	1.91688849	1.23276293	1.33770664	0.80857773	0.84922117
7.98109134	9.45979622	10.7291648	12.8311906	14.4155223	16.3218959	18.2999973	20.5698678
0.14527136	0.15771714	0.16305866	0.16044043	0.16931656	0.17479003	0.09526658	0.09765563
0.01484971	0.01795278	0.01955393	0.02142953	0.02293898	0.02441658	0.02646811	0.02728394
62.3072503	70.99028	69.7249044	71.042061	62.7754029	57.3016415	60.0024415	59.2929764
27.2464473	28.4463608	28.5982607	28.523259	27.5561525	26.9508653	25.7717884	25.0869619
0.04744015	0.04744015	0.04812771	0.05706573	0.05431558	0.05156544	0.05981618	0.06394141
19.5924014	11.3146237	10.4999293	10.2493306	11.7868578	16.6821684	15.8218228	17.6176383
0.31671277	0.33287328	0.33494479	0.27299053	0.22645607	0.27285967	0.32870563	0.28907851
0.00257382	0.00245386	0.00228296	0.00212491	0.00240255	0.00299696	0.00238879	0.00255529
111.829778	87.2700892	91.7582387	76.1536623	63.6874602	53.4345267	41.8430458	37.3341988
0.12192413	0.12192413	0.12192413	0.23704876	0.12513265	0.24025728	0.24346581	0.24978593
234.421202	223.94333	212.050345	208.128484	196.331626	208.973656	216.855986	221.20952
14.6716724	15.29054	15.552186	15.7186988	15.4954475	15.452971	15.2058006	15.1405426
0.03208522	0.02566817	0.0288767	0.01604261	0.03208522	0.02566817	0.02566817	
0.05293524	0.04340476	0.04965752	0.05281423	0.05275357	0.05275357	0.05275357	0.05263193
0.07677658	0.09083568	0.09701681	0.11469092	0.1258227	0.11507256	0.1587683	0.17602553
0.11260446	0.15029871	0.17692941	0.17264932	0.21322621	0.19480236	0.20410345	0.24809795
0.01508111	0.01816714	0.01905687	0.02213334	0.02648899	0.02605417	0.026232	0.03304522
0.00822606	0.00990935	0.01039466	0.01207273	0.01765933	0.01954062	0.01872111	0.03247042
0.01604261	0.02245965	0.02566817	0.01283408	0.01604261	0.02245965	0.01604261	0.01604261
17.9935124	19.11544	19.468161	21.8731505	22.4350887	25.6108623	25.6095987	28.7428818
0.00965181	0.01226928	0.01141448	0.01062457	0.01201274	0.01198784	0.01432129	0.0190699
1.53891777	1.23059834	1.01718023	0.65866736	0.88134033	0.92956567	0.06378273	0.21527551
0.08043176	0.06748105	0.0770499	0.07437201	0.06607009	0.06593311	0.07960159	0.09525866
0.51704201	0.49165843	0.45363991	0.45689452	0.42213154	0.42849438	0.43797585	0.45384372
9.02650065	9.7359181	11.0259619	14.5222691	16.3788934	18.0683767	20.3865231	20.7125475
0.15595637	0.18998861	0.22839363	0.19377926	0.16490257	0.05697711	0.03208522	0.03529374
3.7286127	3.84122479	4.10356388	6.97340631	6.34940908	6.38111421	6.86119888	6.95069262
0.06669958	0.09859065	0.12649691	0.15187402	0.16140299	0.15819446	0.17326632	0.22363255
32.5124891	32.7363361	33.4480237	31.8935673	32.4236057	29.9184339	30.1341901	29.2199562
6.84882036	7.86233935	8.61541461	8.86843165	10.6714175	11.5621695	14.1615992	16.2035593
72.9311954	82.8057699	92.3892511	103.968641	113.973932	131.558144	150.452074	173.77966
8.11743411	7.53460807	7.62738293	7.42591932	7.72319157	8.31561444	8.98227492	10.2069793

13.627586	14.9502354	16.7723457	20.2905927	23.3586857	26.2324312	26.1935045	27.0726624
6.82340202	4.84816528	3.81981744	7.04410168	7.96820395	9.52755744	12.8216101	12.4909598
0.03156649	0.03769825	0.01560159	0.00940948	0.00625277	0.00625277	0.00625277	0.00625277
9.25772822	9.67163256	10.5143189	11.3496031	12.3424293	12.5871823	13.3415338	14.5527263
97.9395099	96.5117281	97.1370496	95.4202199	92.8829947	93.7532691	95.7529451	107.554771
1.28960235	1.25936725	1.37039784	1.43749773	1.33413984	2.54664631	2.16607525	2.36608327
1.03716694	1.52283707	1.43291294	1.68581664	2.38901058	2.38093789	2.80468737	3.19099642
303.556499	298.588034	271.177694	279.906089	311.927706	295.123007	296.200741	298.401765
98.2173291	91.4113007	93.3939816	94.7115809	94.3062897	93.7770698	98.755652	102.970374
0.47128901	0.34362135	0.29996356	0.13806951	0.1722959	0.11385698	0.36024641	0.33000514
2.62820787	2.56333279	2.7015345	2.83549611	2.95707421	3.08437521	3.32800246	3.53365305
0.08475412	0.09119816	0.10234424	0.11567395	0.11742167	0.13891038	0.13945087	0.14989256
0.00892149	0.00911982	0.00930402	0.00925392	0.00419363	0.00496108	0.00515321	0.00651604
0.01286908	0.01226928	0.0114148	0.01062457	0.01201274	0.01198784	0.01057136	0.01130823
25.527929	27.4272922	28.2312611	30.4699573	39.0799058	38.3612323	38.0833335	35.243562
8.66618136	8.86777044	10.6380471	11.3526018	12.6290409	14.0991493	15.3564031	16.4008294
0.1338223	0.0547189	0.05117212	0.0555235	0.04612994	0.05953302	0.07470582	0.08029959
2.91545678	2.6789843	2.60119734	2.36783614	2.2527115	2.87189589	3.23593912	3.11147998
0.17823134	0.19818693	0.20789317	0.24145457	0.24281573	0.23882985	0.19726831	0.15200443
5.50725792	6.92925423	7.85432848	8.09975301	8.06237107	6.81878493	6.75646983	7.6191262
0.02573816	0.01840392	0.0228296	0.018593	0.0210223	0.02697264	0.02788265	0.03236165
0.28751193	0.32076183	0.51366183	0.97433145	0.21127773	0.03753186	0.00622296	0.50608017
0.0137101	0.01651558	0.01732443	0.02012121	0.02207416	0.02388298	0.02790259	0.02892284
9.02680386	9.49192756	9.79328342	10.0578299	10.1458486	10.3468559	10.4380379	10.5935314
1.91575161	1.50105155	1.09898793	0.96051177	1.21146693	1.25282697	1.35746757	1.26263191
7.62994457	7.84487196	8.07366219	8.26638785	8.30968594	8.42855078	8.55210694	8.7109011
0.14274379	0.14135715	0.15351636	0.21284007	0.20968155	0.20340448	0.29384291	0.34255857
3.70617189	4.55395205	4.92391317	5.4134796	5.76996185	5.77908332	6.4598407	7.15620927
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0.32081225	0.32402078	0.26306612	0.2438179	0.24702569	0.23419305	0.21815262	0.20531999
0.00446074	0.00455991	0.00465201	0.00462696	0.01677452	0.01984434	0.02308559	0.02481418
38.1632751	36.7857836	41.4376945	44.013316	46.4035243	48.0424065	53.8869535	59.4535299
2.88585513	3.73959366	3.82623309	4.33256871	4.869131	5.22628397	5.37127039	5.15871551
0.04113031	0.06606231	0.05197329	0.06036364	0.06622247	0.07164895	0.06019013	0.07269629
0.640872	0.774	0.90997632	0.60679536	0.93531192	0.96087456	1.34833038	1.42344966
0.69076746	0.77925141	0.89916996	0.92413236	1.14041115	1.43999667	1.57667757	1.64324154
0.5352892	0.54718896	0.65128153	0.64777414	0.62904464	5.67573183	5.96900732	6.45583193
0.47468173	0.46472353	0.44045545	0.45464167	0.44045545	0.46409977	0.45588918	0.46534729
0.05809449	0.06654727	0.06992365	0.08098098	0.13298855	0.13076478	0.08374337	0.11889978
0.14477716	0.13802943	0.12841651	0.11687031	0.11712426	0.14385405	0.15439411	0.1882778
0.1713255	0.18999438	0.15887958	0.21177474	0.20598006	0.20442789	0.2276469	0.22502046
0.04794029	0.06220093	0.05693696	0.05267615	0.05510832	0.06300928	0.06933298	0.07225838
7.64309576	7.72740149	8.75657734	9.24940855	8.80362107	9.3841576	9.56428868	9.24962364
0.13710103	0.16515578	0.1732443	0.20121214	0.22074157	0.23882985	0.28052773	0.31585283
0.44607433	0.4559908	0.32564077	0.27761749	0.29355417	0.31254835	0.33888056	0.39106755
0.15437544	0.14154132	0.13791484	0.12427599	0.12427599	0.13269968	0.13390158	0.13390158
3.22110114	4.6665294	5.7976965	6.10490568	5.64878532	5.69857878	6.1226103	5.99135172
0.42666096	0.4671102	0.50454501	0.48568203	0.36433431	0.40196322	0.55744017	0.61675239
39.1990839	39.9454886	37.5835632	36.7238691	38.7814131	38.4262894	40.9015475	42.0505244
0.14055135	0.13146531	0.23525115	0.35358443	0.38865243	0.4447792	0.53267153	0.63272407
0.01022876	0.00681942	0.00681942	0.00681942	0.00681942	0.02386687	0.00681942	0.00681942



1.42359403	1.72153065	3.2673376	3.66093469	3.60057083	4.23184447	2.97749842	3.37224394
0.9227715	1.196073	1.40252574	1.75740459	1.86069309	1.96847037	3.03367854	3.20742429
4.13361202	4.78221226	5.2902777	6.15608259	6.34654444	7.40115069	7.78090737	10.9274213
0.842817	0.59078712	0.97991622	1.40208348	0.78806613	0.53701263	0.50803881	0.66876234
2.82940866	2.54246442	2.6448045	2.32641573	2.70798027	2.32390182	2.41791486	2.49845418
9.11754651	8.56373317	8.84470408	9.99006944	8.74508088	9.04641204	6.58097027	9.88081581
0.4278022	0.43425016	0.43114097	0.44758556	0.49500727	0.40055743	0.4366456	0.45774125
0.5352892	0.54718896	0.55824131	0.55523498	0.58710834	0.69455189	0.71717592	0.86163276
231.332299	213.460628	217.063434	227.067416	238.920127	245.556988	242.46808	250.666323
28.0609715	23.3597647	16.636621	16.4167662	13.6707164	11.6521336	15.4571589	13.3911793
14.3562555	14.8598182	15.3581709	15.8572216	16.3455712	16.9675583	16.7256362	16.8715665
5.35157344	6.38947057	6.27014481	7.11756383	6.55322548	5.8516655	8.9692379	8.49485605
0.08258574	0.06670352	0.04129248	0.03811676	0.04129417	0.03811865	0.04764845	0.05082231
0.06691115	0.10487788	0.13956033	0.18507833	0.25161786	0.25797642	0.32977791	0.35447985
3.01482677	3.18579242	3.46352412	3.4714336	4.00623163	4.38483607	4.60086478	4.61725488
0.05895344	0.07101698	0.08142482	0.10865455	0.13244494	0.12809965	0.13799135	0.16058434
36.2526454	52.6760783	52.2180483	55.8836453	56.4689423	61.9204138	67.8469928	67.2956932
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24.7265585	28.8201069	34.1127007	37.8772794	41.8632075	45.117237	48.3277934	50.872217
23.268687	29.3324507	30.5871314	35.3831831	38.0554554	39.1732071	40.2909086	38.7966033
0.23773409	0.24395705	0.26272298	0.27526594	0.29403187	0.48489966	0.45991078	0.47556522
0.61675239	0.63474192	0.5911812	0.65652228	0.67839969	0.7805874	0.75491916	0.81202086
5.06989987	5.39780717	5.82958624	6.4297451	6.800368	7.07605949	7.57506915	8.17879332
0.00054675	0.0003066	0.00029314	0.00055012	0.00051624	0.00052425	0.00057915	0.00059624
0.0312252	0.04559908	0.0418681	0.04626958	0.04193631	0.04464976	0.04089745	0.05128467
0.06855052	0.08257789	0.09355192	0.10060607	0.11037079	0.11941492	0.14042565	0.15810314
0.02508604	0.06602022	0.0845923	0.06572915	0.0659233	0.11648337	0.07593717	0.30356037
0.10830982	0.15194331	0.15765232	0.1790788	0.20308225	0.19757742	0.23483798	0.18065127
0.0321727	0.03067321	0.0256833	0.02656143	0.03003186	0.02697264	0.03421096	0.04650495
0.00274202	0.00330312	0.00346489	0.00402424	0.00441483	0.00434236	0.00534865	0.00554422
0.45041783	0.36807848	0.31390701	0.21249147	0.20121347	0.25773851	0.26390801	0.23522074
15.5217948	15.6305244	14.983913	15.643605	14.8434371	15.2643152	14.9512611	15.0549358
0.34794862	0.45103461	0.46141524	0.63052538	0.73610603	0.77101856	0.80297723	0.78168451
9.22470557	6.58023138	6.73909767	6.69235624	8.84649047	12.3613886	12.1324093	11.6004606
0.02056516	0.01981869	0.01905687	0.03823031	0.04414831	0.04559479	0.04824376	0.05281987
1.63269075	2.19293613	3.05292741	3.96650127	4.71205785	3.71164869	3.78123369	3.79854024
0.00286143	0.00272807	0.00253807	0.00236237	0.00267103	0.00266549	0.00274635	0.00293779
0.02742021	0.0313796	0.03291642	0.03823031	0.01986674	0.02388298	0.04594851	0.04261506
0.01604265	0.01925118	0.02245971	0.03850236	0.11550708	0.03850236	0.03529383	0.03850236
11.5258187	10.2997659	9.3000572	10.5581223	11.3291019	13.0293614	12.7800882	15.6329987
0.73764848	0.79010724	0.86504691	0.94467297	1.03366647	1.13062253	1.23413468	1.32312777
4.84272976	5.18712629	5.67911212	6.2018645	6.78611496	7.42264036	8.10220709	8.68645488
0.00892149	0.01367972	0.01395603	0.01388087	0.01258089	0.01488325	0.00928046	0.02254652
1.44594345	1.53275286	2.27162049	2.2063383	2.33197686	2.46913785	2.35205802	2.42302779
2.56764414	2.60232339	2.64943056	3.06388272	3.1050219	2.96625012	3.15379011	3.43517589
12.9055042	14.358567	14.9889886	17.1697201	19.4030052	24.8242883	30.6812368	27.6835105
23.231903	19.4431844	19.9911602	19.9162554	20.2700078	18.6322198	25.8885869	26.954128
0.21497151	0.21818004	0.23101416	0.23101416	0.23422269	0.23743122	0.24063975	0.24063975

0.00320853	0.00320853		0.00320853	0.00320853	0.00320853	0.00320853	0.00641706
254.567688	251.265266	260.081431	267.812796	271.88068	277.136061	289.594779	300.908265
0.94291972	0.84534965	0.89230281	0.17392851	0.12949518	0.15448882	0.09143276	0.22372918
1560.94736	1583.424	1505.74868	1545.49378	1607.07763	1649.32536	1630.89765	1700.29716
28.7639321	29.3514501	30.8643511	32.3383926	33.5855628	35.051804	36.9895507	38.7342259
0.00965181	0.00920196	0.0085611	0.00796843	0.00900956	0.00899088	0.0078108	0.00835524
19.6799221	20.2169867	20.0283088	22.3899396	21.3176434	19.1237751	19.7135813	17.2385285
0.00643454	0.00920196	0.0085611	0.00796843	0.00600637	0.00599392	0.00374159	0.01060863
3.71456392	3.90665724	4.12456168	4.77001806	5.16251774	5.29764853	5.85814914	6.63046476
0.03568595	0.03191936	0.03256408	0.03238871	0.02935542	0.03968868	0.03713129	0.03455827
0.0312252	0.03191936	0.03721609	0.03701567	0.04193631	0.03968868	0.03486272	0.03747314
0.3941757	0.4575699	0.58659633	0.6631158	0.73992642	0.76870614	0.80069439	1.02802653
96.9418225	105.877057	112.17682	113.988313	122.50976	124.606129	124.579146	136.617392
0.17072152	0.14734965	0.14802288	0.14184282	0.13716864	0.13950183	0.15118266	0.12533564
1.01386699	0.52608763	0.47501025	0.46990374	1.46078577	2.35207007	3.36849031	6.43307623
0.00066326	0.00067016	0.00070579	0.00077534	0.00075991	0.00085503	0.00080898	0.00088766
0.21938045	0.21651568	0.22246805	0.23931011	0.22667324	0.24093755	0.20864996	0.20637122
0.13603254	0.13154913	0.10051913	0.07746673	0.0782346	0.11355289	0.1794364	0.12955226
1.0064E-05	9.9862E-06	9.8929E-06	9.8193E-06	9.8388E-06	1.0004E-05	1.0324E-05	1.0805E-05
0.72660136	0.69620402	0.65154091	0.59536222	0.64795637	0.55741258	0.61077298	0.6093702
0.00150408	0.0015158	0.00152799	0.00154075	0.00155416	0.00156811	0.00158273	0.00159759
0.90029622	1.14595581	1.07320993	1.07791344	2.61363502	2.72298065	1.99280884	2.21954085
4.97561293	4.64485041	4.10686639	4.14504245	3.88369777	3.66288509	4.07907213	4.44663483
0.60367208	0.60477294	0.98830472	0.92371142	0.935962	0.95050745	0.94296649	0.93941803
0.00083009	0.0007988	0.0009049	0.00083662	0.00082246	0.0009027	0.00084401	0.00097141
9.08533593	9.6953302	9.40975079	8.82664776	8.92544792	9.98224578	10.1360388	10.2769167
5.7719564	5.68525881	5.41892293	5.62035545	5.79456177	5.54566422	5.38762102	5.3959784
0.84197781	0.86284263	0.85143033	1.01030198	0.98387092	0.98843022	0.98678779	0.98672918
0.01025922	0.01084902	0.01092834	0.01106164	0.0113972	0.01168334	0.01207322	0.01315106
9.47972483	8.87924053	7.65162773	6.87098931	7.43742287	6.17515685	6.59668372	6.5318643
0.14019356	0.14479345	0.15245904	0.14474801	0.14433527	0.14341341	0.14297067	0.14174922
0.01705371	0.01732839	0.01825825	0.0184448	0.01869804	0.01921663	0.0202889	0.02301825
0.6749414	0.70252447	0.76586009	0.73756032	1.10368378	1.08557023	1.20702893	1.22947302
8.18293267	8.19410447	8.28944661	8.60831776	8.8181825	8.1510907	8.16506414	7.84902188
0.26079934	0.26733297	0.33306922	0.33677613	0.34638609	0.51514634	1.15124413	1.06151972
0.22705064	0.01967226	0.03580309	0.01818672	0.00577242	0.00616601	0.00581177	0.00646833
0.64515675	0.60408354	0.58920138	0.63235395	0.67802123	0.6555915	0.65706787	0.65070187
3.7953774	3.83373625	4.08788748	4.32334338	4.35553541	4.47663099	4.91652016	5.02690829
0.00139101	0.00138932	0.00140992	0.00146266	0.00146549	0.00153711	0.00155122	0.0015716
0.00107664	0.00103087	0.0010899	0.00121127	0.00114682	0.00126988	0.00115896	0.00144109
0.16483133	0.19092317	0.16379841	0.15318245	0.11460994	0.12213441	0.16569339	0.18333363
26.3250075	24.4629181	23.406395	21.885902	21.9609584	22.9707236	25.5007531	26.2138327
0.00326715	0.00327495	0.0033695	0.00361278	0.03271836	0.07118841	0.09363276	0.06985981
0.03202856	0.03287385	0.0330575	0.03397615	0.0349461	0.0356427	0.03796601	0.03914411
0.04786059	0.04816693	0.04836866	0.04977685	0.05125084	0.05235596	0.05488066	0.05753149
0.00558725	0.00581286	0.0059702	0.00606031	0.00625772	0.00635339	0.00646768	0.00653619
0.00576417	0.0060051	0.00648042	0.00656709	0.00663123	0.00678348	0.0070328	0.00812325
21.5704601	22.9132478	22.2497853	22.0889809	24.9321477	24.9767317	23.3763335	25.7862797
3.91432581	3.86672045	3.64441935	3.61896836	3.60145774	3.5680338	3.62390167	3.70382879
1.47379783	1.47867633	1.10132562	1.21537288	1.32810859	1.3930305	1.38537085	1.37353741
128.547414	126.206304	137.532095	147.039398	159.317082	174.534256	189.557711	201.951116

0.55580176	0.62537819	0.47075927	0.30871269	0.2698615	0.26126494	0.37749262	0.32269122
0.32799401	0.36455465	0.37523096	0.39533116	0.56703974	0.52828192	0.47461662	0.48919492
0.35356452	0.37969062	0.38889266	0.37825173	0.39176918	0.35651869	0.37323486	0.39691226
0.02400387	0.03225029	0.02567367	0.02067377	0.0283522	0.03586751	0.00867775	0.0245747
0.0001214	0.0001879	0.00022494	0.00018336	0.00016921	0.0001069	8.2105E-05	7.7612E-05
3.48672802	3.56840193	3.60156157	3.64141077	3.94313083	3.86646036	4.06532364	4.02969707
0.00084439	0.00086357	0.00092586	0.00092251	0.00092523	0.00094028	0.00091823	0.00125641
0.00155473	0.00154065	0.00116987	0.00110724	0.00114334	0.00112849	0.00086458	0.00112089
0.27374462	0.22861671	0.21466426	0.19474021	0.17752092	0.17724068	0.15656015	0.14648434
1.8811931	2.15308048	1.91164565	1.92674717	2.17345632	2.16220949	2.15529343	2.19858841
0.00024568	0.00025134	0.00027922	0.00033181	0.00032385	0.00039391	0.00036959	0.00043638
0.68717409	0.59509004	0.58511365	0.51589777	0.4492823	0.36762281	0.45060302	0.44705635
8.28040564	8.6654966	8.67865525	8.66163639	8.6597685	8.50692262	8.35277048	8.42062601
60.6496178	57.957995	52.7833572	54.523634	53.7461929	51.215731	48.8158589	50.2663723
0.00507694	0.00412804	0.00521166	0.0036207	0.00285578	0.00276403	0.00279205	0.00594349
0.00031243	0.00031959	0.0003225	0.00032953	0.00032342	0.00033302	0.00031757	0.00033585
1.62374934	1.45347342	1.48728917	1.28815028	1.2932648	1.41354484	1.3921102	1.29134189
0.4798357	0.4653443	0.48846075	0.53428307	0.55430873	0.49773205	0.47340316	0.59230441
2.25977277	2.49581774	2.55149903	2.82929475	3.20787751	3.62378734	3.84713858	4.35465997
0.65623175	0.6473555	0.8258106	0.68178935	0.79211265	0.8901499	0.9297436	1.23586188
3.22356695	3.41153603	3.76829345	3.88610574	4.3597273	4.65009763	5.70806877	6.49956284
0.02191064	0.02199441	0.02205869	0.02245594	0.02292149	0.02320311	0.02400695	0.02470223
0.0007183	0.00073906	0.00091972	0.00083169	0.00077708	0.00078789	0.00083412	0.00150934
23.0300087	23.5788992	23.4539823	23.6529761	21.3645699	19.8394626	19.131166	19.7659536
0.75214347	0.77521536	0.93927402	0.98244889	1.02145143	0.99571912	1.04813234	1.07340857
0.15087836	0.15989615	0.16425719	0.1495598	0.17201678	0.20494351	0.2285072	0.26867297
2.51021305	2.42103726	2.14114762	2.04568785	2.04054195	2.09059058	2.0166491	2.06903523
0.04814962	0.05294139	0.05242288	0.06144734	0.05517711	0.05268968	0.05179838	0.03437859
3.1551E-05	3.1219E-05	3.2075E-05	3.4225E-05	3.3E-05	3.8702E-05	3.3728E-05	3.5966E-05
36.0567974	34.7986823	31.7342337	30.8185754	31.4469107	30.6103408	29.8216139	30.9297306
9.5006E-05	9.566E-05	9.613E-05	9.6008E-05	9.6798E-05	9.7368E-05	9.8063E-05	9.89E-05
0.0698626	0.07721189	0.09084626	0.09868537	0.10341226	0.12038601	0.10534865	0.07561837
20.8353307	20.5934483	19.7324488	19.9924692	20.8155808	20.3249799	19.786906	21.7976079
1.37778285	1.3928265	1.10006818	0.8677514	1.072782	1.04600387	1.01069074	1.02261413
0.47278561	0.4969857	0.45718779	0.23567952	0.21511588	0.27387493	0.33600505	0.41025688
6.1959E-05	6.1823E-05	0.00067908	0.00067882	0.00067844	0.00067794	0.00129465	0.00067652
0.08358359	0.08353199	0.08410935	0.08561474	0.08731824	0.08755548	0.09203718	0.10005348
0.07980161	0.07974275	0.07923267	0.10236225	0.09134126	0.09381889	0.09437689	0.10531884
0.0018148	0.00185146	0.00204466	0.00199606	0.00203058	0.00206332	0.00212302	0.00316454
0.00206369	0.00209909	0.00222464	0.00220953	0.00230818	0.00237224	0.00240084	0.00352405
0.00054147	0.00057331	0.0006178	0.00066917	0.00071952	0.00076305	0.0007977	0.00082505
7.31421126	7.69880778	7.48948286	7.74231327	7.48452261	7.14797861	6.96195696	6.77807132
0.00032336	0.00033271	0.00034194	0.0003584	0.00035734	0.00037555	0.00037327	0.00040057
0.00049472	0.00049832	0.00050343	0.00050951	0.00051582	0.00052171	0.00052714	0.00053222
0.33095589	0.29605596	0.34061824	0.28689002	0.28671971	0.34934427	0.69728769	0.66370672
0.00042228	0.00040143	0.00048048	0.00057745	0.00048687	0.00058349	0.00058307	0.00070978
0.00175432	0.00175644	0.00175731	0.00175225	0.00173917	0.00172978	0.00171719	0.00170384
0.7253563	0.72960967	0.6895116	0.81020991	0.85827668	0.84043541	1.00936142	0.99239908
0.15443234	0.15184603	0.1379327	0.23246098	0.17783483	0.16827037	0.17284697	0.17922814
4.64770084	4.66874821	3.95441205	3.19211227	3.50519666	3.66311928	4.1188837	4.3300241
0.23857786	0.23164682	0.22409205	0.23342375	0.2334923	0.25062129	0.2383432	0.24059071

6.34025113	6.33984655	6.11150807	6.06321019	6.03492287	5.68984688	5.69736907	5.8397335
5.14866928	5.34886316	5.73653438	7.32560532	9.00596209	10.5943015	11.7779619	12.0287692
18.7513681	22.0155237	22.9277977	23.7725557	27.0898939	28.96884	30.8590698	32.8241704
1.58558797	1.61480096	1.7299256	1.46544705	1.60499016	1.55581885	1.50547355	1.68659399
5.32939907	5.98686052	6.06772711	6.48165607	7.24485028	7.82677683	7.31169375	7.79641719
3.97045069	3.10994112	3.08950664	3.10137303	4.29335698	4.48475521	4.47737007	5.36158204
0.67440901	0.5950442	0.40857643	0.41634583	0.54143181	0.49746666	0.4316864	0.42794407
1.38236191	1.4442211	1.34010803	1.2814593	1.22986128	1.26486944	1.27399116	1.61385208
32.7973535	31.3370532	29.5362532	29.38517	28.9085712	28.2425222	29.1568311	30.1540629
0.20421416	0.18870579	0.21285889	0.23792329	0.22301985	0.18946328	0.1937814	0.19675427
0.46499978	0.50514092	0.44732385	0.6615685	1.03416168	1.02982924	0.942472	1.25600504
86.5177353	80.9991191	75.9960764	75.6306177	77.4857796	72.3886364	70.1296412	71.4164934
13.308319	12.8466911	10.3945164	10.5404724	11.6219016	11.6844148	11.4443551	11.6617751
0.76947766	0.83694436	0.73422883	0.73838008	0.73066066	0.73135144	0.74725807	0.78424323
0.62635205	0.63382908	0.61226166	0.61921157	0.59660671	0.64053195	0.65567187	0.67778028
0.01440431	0.01451063	0.01521643	0.01568899	0.01634914	0.01658019	0.01707807	0.01761379
0.00022355	0.00021239	0.00023319	0.00021472	0.00017485	0.00016231	0.00016477	0.00017015
0.00018721	0.00018513	0.00018874	0.00019874	0.00019142	0.00020506	0.00018706	0.00019486
13.319369	13.0514266	13.3500318	15.0721952	14.7500047	14.7869038	16.3492581	18.1056204
1.68241466	1.65494475	1.1428645	1.25902618	1.19899978	1.90155446	2.19380329	2.50223962
0.00862652	0.00785196	0.00808583	0.00819758	0.00833657	0.00837756	0.00864573	0.00888467
0.8273134	1.23273448	0.88374898	0.76260571	0.63163126	0.5081348	0.45870122	0.45865437
0.06025703	0.05573414	0.04171367	0.05055883	0.04834523	0.05580005	0.05163393	0.05349739
1.62606994	2.04623266	2.46819227	2.98141164	4.58336437	4.95499609	2.81706176	3.11642329
0.00052219	0.00051095	0.00054133	0.00055777	0.00055336	0.00061306	0.00059731	0.00063984
0.34579796	0.38237896	0.53598653	0.38965032	0.36470182	0.30084851	0.31341305	0.34600552
0.00360293	0.00367032	0.00389601	0.00389565	0.00390792	0.00399586	0.00412447	0.00494754
1.85149987	1.8729344	1.88799623	2.00191803	2.59567513	2.61071814	2.76283177	2.77216207
0.73840446	0.67272577	0.65234347	0.64291659	0.70953041	0.67711036	0.73334606	0.79672435
0.97412121	0.99557728	1.20773307	1.28344765	1.29855741	1.29118829	1.37095328	1.36558644
0.00529487	0.00504156	0.00543721	0.0056131	0.00560473	0.0046675	0.0049373	0.00494595
1.71796707	1.72800721	1.78617542	1.82175067	1.68134553	1.73205927	1.72341753	1.79063835
0.73108596	0.74238878	0.84561251	0.8373995	0.8264276	0.82339598	1.16217512	1.26185357
0.04889993	0.03823842	0.03869367	0.03912986	0.04012307	0.03661512	0.03835079	0.04467069
0.00039582	0.00040075	0.00042248	0.00042521	0.00054138	0.00049284	0.00051155	0.00051886
20.7217251	22.0000268	22.5873037	21.0672654	21.2709693	22.1800477	21.3817251	23.383525
3.73038399	3.51921659	2.08246567	1.08047877	1.90137596	2.00449589	1.89982951	2.13806087
0.02754315	0.03506188	0.03178324	0.02864709	0.03099642	0.02870281	0.02937075	0.0325365
0.02836704	0.02978266	0.02982612	0.01007289	0.01073526	0.01077788	0.00834884	0.00962199
0.26769094	0.23530659	0.25551836	0.25392401	0.24434128	0.30628441	0.31461783	0.28914988
0.13027224	0.09743833	0.13738587	0.1549329	0.14549951	0.1577312	0.27032278	0.31410148
0.14444293	0.15565571	0.15950096	0.1217628	0.08436295	0.07170483	0.06983658	0.06954895
0.03999844	0.0398105	0.04025655	0.040746	0.04218786	0.04245071	0.04325563	0.04705208
0.08573131	0.08923027	0.10189515	0.10093324	0.0919798	0.09278789	0.1002555	0.10525105
0.0091253	0.00916377	0.00920539	0.00924067	0.00927309	0.00930483	0.00933655	0.00936453
0.05829273	0.05211166	0.04091641	0.04891109	0.04910365	0.04608182	0.05056037	0.05568349
1.59216972	1.82023483	1.94577048	2.20482385	2.51775733	2.79477411	3.0074134	3.00318946
0.01909982	0.01888215	0.01967167	0.01626118	0.01389255	0.01621495	0.01664427	0.02560298
0.03210204	0.02799468	0.02899273	0.02393369	0.02409466	0.01796955	0.02243676	0.03141813
0.03423333	0.03454356	0.03256679	0.03018842	0.03399016	0.03417259	0.02930156	0.03107726
0.96908903	1.3625353	1.56164864	1.44259981	1.17933452	1.69795801	1.81221142	1.83955354

0.11164222	0.15149781	0.10427494	0.15051719	0.14041562	0.12880088	0.14556304	0.13695079
8.53099422	9.05751658	7.98663781	7.96436864	9.12882934	10.2744945	9.46014165	9.97512377
9.92600745	9.16215077	6.6337936	6.35453128	7.89550335	7.28169635	6.57818294	6.70834723
0.06942543	0.06517229	0.06537775	0.06312098	0.05852291	0.09115919	0.11503368	0.14736928
0.95775378	0.99293139	1.02316503	1.09862842	1.19527244	1.22081148	1.26977459	1.2734244
0.04054582	0.03966736	0.03693897	0.03722837	0.07588309	0.06297349	0.03821553	0.03910801
2.68373441	3.15127278	4.17200951	4.58971648	4.97806596	5.0968408	5.73529829	6.19139243
0.27327821	0.25085733	0.17131769	0.15981046	0.14854128	0.14855723	0.16186108	0.16685044
1.52880255	1.53604602	1.4677629	1.26904733	1.24059933	1.16023341	1.37244665	1.46903811
3.41811237	3.11513517	3.17582346	3.30442159	2.8189458	2.49739951	2.6053473	2.95469398
0.00292112	0.00296516	0.0029445	0.0030566	0.00337885	0.00273866	0.00298392	0.00312742
0.01268655	0.01207546	0.01338588	0.0123365	0.01281774	0.01083845	0.01087085	0.01113453
22.5870686	17.9731118	18.2185936	19.4486986	20.2102157	18.2063933	19.9710328	19.7095595
0.63846243	0.61168567	0.51965525	0.43246319	0.44372215	0.43351154	0.4428135	0.52857639
6.12098288	6.0415981	5.89683482	5.84049542	6.01554971	6.01027203	5.95788817	6.48020065
3.98359675	4.58990999	5.93860171	4.38521286	4.52310931	4.19377172	4.93683951	4.55178065
0.14866219	0.13588891	0.11921353	0.14447376	0.13504337	0.1053608	0.16454447	0.20309641
0.002144	0.00240755	0.00301032	0.00313127	0.00373965	0.00268647	0.00289485	0.00283401
1.12840771	1.08020107	1.22377501	1.36049852	1.59891908	1.60612225	1.78521102	1.82748834
0.07077283	0.07796977	0.08424223	0.09481404	0.10537176	0.11543828	0.12590237	0.14031466
20.0712285	19.3963513	20.3007231	19.5853601	20.665084	19.6297496	20.9743915	19.6747983
112.220108	112.772275	110.756237	115.279771	118.762257	118.442714	124.799761	125.387967
0.01175348	0.01214731	0.01252786	0.01290565	0.01676735	0.02805422	0.03529185	0.04025288
2.62562782	3.54070506	4.80192306	5.55986936	8.73536075	10.2450917	10.9756087	11.5858098
2.86761366	2.98806288	2.97432746	2.94882897	2.97415927	2.91893818	3.2853039	3.34939258
0.13338439	0.11789544	0.13501154	0.16391099	0.15046882	0.13425828	0.14307409	0.14685733
0.19091531	0.20144028	0.19048159	0.19331699	0.20676666	0.20034475	0.18247988	0.17835556
1.05551843	1.32108344	1.49634841	1.71779431	2.34486489	2.24264842	2.37734835	2.34277483
8.003E-06	8.0795E-06	8.1653E-06	8.2627E-06	8.335E-06	8.3876E-06	8.4117E-06	8.4146E-06
0.00086483	0.0009551	0.00102188	0.0009816	0.00096507	0.00080838	0.00079822	0.00082546
0.00957559	0.00967763	0.01073085	0.02924626	0.01012581	0.01795731	0.02597889	0.0261061
0.25538613	0.22565618	0.21093796	0.2124852	0.1947211	0.21727784	0.22040739	0.22859514
0.01996319	0.02100298	0.02237604	0.02142674	0.02093269	0.02079203	0.06060702	0.04417675
9.1842E-05	8.8553E-05	9.1106E-05	0.00012661	0.00011053	0.00013367	0.00013169	0.00020045
0.00029923	0.00030128	0.00033204	0.00031901	0.00030995	0.00030888	0.0003293	0.00048046
0.11496653	0.10252903	0.10694767	0.08975495	0.06256718	0.08499036	0.0767234	0.022212
6.03858719	5.51458971	5.34287961	5.19593232	5.3108466	5.23148634	5.0889038	5.20568223
1.89595274	1.87455761	1.43042592	1.32036536	1.51623386	1.46723931	1.35149037	1.38340556
3.69894191	3.36244743	3.08395376	3.02092159	3.28114209	2.97292654	3.11794968	3.10321897
0.00154168	0.00157262	0.00156039	0.00158166	0.00164505	0.00170282	0.00178284	0.00183326
0.0008825	0.00074073	0.00084867	0.00113501	0.00105521	0.00104287	0.00107571	0.00251748
1.14545935	1.32591484	1.60801639	2.13839563	2.42693023	2.46794498	2.49972521	2.1881328
1.8318E-05	1.853E-05	2.0105E-05	2.3126E-05	2.2332E-05	2.6192E-05	2.4346E-05	2.718E-05
0.0169893	0.01499333	0.01566445	0.0127492	0.01220145	0.01260076	0.01328347	0.01488842
0.14812294	0.1342635	0.1304504	0.11153913	0.11602296	0.1336892	0.15699258	0.16997129
3.055983	3.51674441	3.67107617	3.98546958	5.85370622	5.79068012	6.09917523	7.20599421
0.81547215	0.82977468	0.83989767	0.90105359	0.61808863	0.91004801	1.18970978	1.2301557
0.76306416	0.77313028	0.75202539	0.78289909	0.63086459	0.66159088	0.65808254	0.67026117
0.00129678	0.00130252	0.00133106	0.00137461	0.00142238	0.00146653	0.00150386	0.00153679
0.00031355	0.00034099	0.00036851	0.00033643	0.00032494	0.00027767	0.0002524	0.00028887
1.29850685	0.99742124	1.91421053	2.91090253	3.22265628	3.28294825	3.12431296	3.17261177

1.26992498	1.32555115	1.23040022	1.62441805	1.74224898	1.83869452	1.84249564	1.94494464
8.44184225	9.19023752	9.49981926	8.63721088	9.83385758	10.7623489	13.0045443	12.8168824
7.82999244	7.79938169	7.42815237	7.56616219	9.24277205	9.18547466	9.82714294	10.1530476
0.19326639	0.23178271	0.20535286	0.16187248	0.21752788	0.22052298	0.24761494	0.27517893
0.04796551	0.04629441	0.05330738	0.0480395	0.04580766	0.04111689	0.04364715	0.04352553
50.7829381	50.2519792	47.4966872	48.8641267	51.2232951	51.0388228	52.7546098	53.0893755
0.3386136	0.32295527	0.26872032	0.19992921	0.18448109	0.15930161	0.1634499	0.19929589
132.582878	129.718517	106.676651	119.042564	124.286586	123.547959	122.976393	122.662984
5.21714932	5.41446374	5.71967542	6.11402517	6.20497993	6.48425674	7.1417613	7.33517251
0.00038086	0.00038278	0.00038902	0.00039981	0.00039763	0.00041134	0.00040117	0.00041073
4.54315884	4.56499191	4.54749491	4.01548386	4.60673538	5.05507215	5.44778614	5.55966503
9.5481E-05	0.00010465	0.0001109	0.0001224	0.0001117	0.00012319	0.00011391	0.00014846
1.01918056	0.99609789	1.11229834	1.23105994	1.46158273	1.59098565	1.70681224	1.79348109
0.00066402	0.00057689	0.00064759	0.00058359	0.00056553	0.00048291	0.00046411	0.00044961
0.00070163	0.00065592	0.00077231	0.0006903	0.00073416	0.00053992	0.00050848	0.00050047
0.62523744	0.61830804	0.59546657	0.62369309	0.63959933	0.65536343	0.67777349	0.72546487
14.2931674	14.3799169	11.3519147	9.50999108	11.174906	10.6408388	9.94928843	9.73826299
0.39666307	0.40700945	0.43121063	0.46855536	0.40460522	0.43253897	0.43872261	0.47186513
1.20463747	1.21126236	0.92202988	0.60784117	0.82999898	0.88420049	0.83162494	0.86078343
0.00870001	0.00957154	0.01059922	0.01182048	0.01361021	0.01444403	0.01629964	0.01865691
0.3326215	0.39409325	0.39563625	0.54789266	0.53918584	0.69378599	0.57888346	0.67774715
0.99605078	0.87185296	0.85591432	0.77705139	0.70241207	1.03941172	1.02605807	1.04199671
0.00373518	0.00595776	0.00639317	0.00547563	0.00518603	0.00300813	0.00235578	0.0045862
203.458273	202.666508	210.056396	211.936887	219.877749	225.908136	248.130141	262.332518
1.48060802	0.82147046	0.85464879	0.93356532	1.32008856	1.07920185	1.0121194	1.04566048
1.54934807	1.43788038	1.3532364	1.36204297	1.27302305	1.11259666	0.91045918	0.95548248
6.96562491	8.18888184	9.0814524	9.28356567	9.82269054	9.4159827	9.38514408	10.1371868
29.7013736	29.4983554	29.8857131	30.0022893	29.4352506	27.2199613	28.2550209	28.9874133
1.75353489	1.75924484	1.75778527	1.72877031	1.71056581	1.71319626	1.83764448	1.88659613
0.01450001	0.01344317	0.01916881	0.01193988	0.01439542	0.01450999	0.01585112	0.02120591
49.5731501	50.4278966	51.5765638	51.0272644	53.2294518	54.7739962	56.236203	57.1846245
11.5424416	10.8632232	10.7833096	11.1486292	10.8959052	11.1172843	11.5080338	11.6902887
4.08277953	4.14834815	4.1855205	4.18591998	4.22768863	4.32230523	4.64784609	4.84479554
0.01930988	0.02350094	0.01896989	0.02298306	0.02919673	0.02713119	0.03094642	0.03345736
15.8538311	15.4442378	15.6411611	15.9917126	16.0210685	16.4206194	17.9117453	18.4592249
0.25956708	0.18370534	0.24104315	0.23183316	0.28450806	0.35953894	0.32445285	0.27809102
0.08275664	0.08812851	0.08129951	0.08618647	0.08759018	0.07868045	0.10490156	0.10884892
0.99260931	0.83048525	0.98169428	1.10214187	1.07512296	1.34861806	1.32179334	1.4181459
4.11641992	3.96395992	3.96395992	3.96395992	3.83284444	3.69867954	3.68953213	3.71392552
0.62727721	0.70614014	0.77206471	0.85392791	0.85278543	0.87399834	0.83808107	0.83424933
0.14500011	0.15594078	0.14094714	0.11342883	0.1112373	0.09893174	0.10701071	0.12793313
2.23886774	2.18594018	2.02258169	2.09491809	1.94803973	2.26249044	2.79812002	2.47172379
10.7662543	10.8238909	10.852957	10.6961708	10.6861311	10.7179062	11.1461483	11.3762611
0.00828572	0.0080659	0.00789304	0.00835791	0.00981506	0.00989317	0.01326614	0.01164839
0.01967859	0.01774499	0.0197326	0.02208877	0.02355613	0.02308407	0.02335342	0.0360278
2.14812102	2.05691841	1.68890844	1.79074408	1.74704382	1.7656288	1.77026035	2.01288925
73.3282404	73.1212919	73.2459424	68.6882802	67.6060893	70.085687	77.5242278	76.2123333
0.03469645	0.03764088	0.04002899	0.04477454	0.04711227	0.0527636	0.05952914	0.06075148
0.33324754	0.3133729	0.36367044	0.41075946	0.40972065	0.45028866	0.459291	0.48733683
0.00095035	0.00985233	0.01014452	0.00996168	0.00980338	0.01067363	0.00892238	0.01199111
0.22740926	0.24934966	0.27128976	0.29954322	0.31817113	0.33038171	0.38391942	0.42107126

0.02758555	0.03818902	0.03793977	0.04309324	0.04087542	0.03798367	0.05196506	0.04835162
129.228709	128.309284	111.197192	108.615016	111.957893	114.05103	114.018832	118.67049
10.3351723	10.6185958	10.8671959	11.344086	11.6016267	11.7090005	12.365464	12.6010048
6.24614565	6.62185244	6.25646676	6.27421651	6.25580801	6.18130921	6.35093306	6.78468388
70.8589516	70.636414	74.0071064	78.599389	83.888588	86.3286824	94.0560293	98.7101665
1.55701132	1.50650613	1.40849575	1.27281486	1.18485299	1.18795784	1.14955218	1.09011561
1.1784969	1.19318909	1.30776133	1.50844412	1.58357867	1.74016145	1.65001093	1.6662493
0.59919547	0.58988152	0.49674229	0.58988152	0.59609092	0.54331205	0.54641661	0.56504451
0.5123762	0.54418906	0.65584462	0.66463903	0.58765398	0.60390484	0.56221323	0.57856745
0.00950347	0.01970466	0.02028904	0.01992337	0.01960676	0.02134726	0.01277181	0.01466145
11.7808421	11.942499	12.4870845	13.0918876	13.4981109	13.9541235	14.2176297	14.6488017
0.00827566	0.00881285	0.00812995	0.00861865	0.00875902	0.00813936	0.00499873	0.01100898
0.05792965	0.06168996	0.02438985	0.02585594	0.0321164	0.02984431	0.0103224	0.01109824
1.3339731	1.17852123	1.05059564	1.08868232	1.16444041	1.19631798	1.31057802	1.38467405
5.3034333	5.54698104	5.3012604	5.33790569	5.66322836	5.46520081	5.62664529	5.59158034
0.00621429	0.00672159	0.00761115	0.00865641	0.01014222	0.01055272	0.01204756	0.01370712
0.62058616	0.61753702	0.65172296	0.71094712	0.76385814	0.7979365	0.84464198	0.91617024
6.40898437	7.20719685	6.10178798	6.20480193	6.56712327	6.44322504	6.36351593	6.46112758
128.476011	124.376307	124.679389	126.756519	130.428944	130.613158	136.519582	141.567831
0.27585546	0.23500936	0.21679869	0.17237294	0.14598363	0.13565595	0.13755457	0.14305858
0.00103572	0.00161318	0.00169137	0.00179098	0.00196301	0.00197863	0.00174534	0.00263695
8.98004467	8.71981313	8.80363939	8.74326665	9.30022543	10.7808918	11.2278856	11.0467612
1.78832307	1.50885404	1.48194498	1.74480376	1.96699919	1.965475	2.1004474	2.63085155
6.21581485	6.78513102	7.0963342	7.60436469	8.15876885	12.409815	12.5378081	12.6655017
3.99067212	4.57721824	4.72895545	4.83765097	5.42176213	5.75758377	5.94146752	5.73345729
8.21169734	9.10069679	9.06569187	10.251186	11.4297449	12.2443859	12.2690461	12.8572046
0.077374	0.08262229	0.0766781	0.07731314	0.07129355	0.07404538	0.09084869	0.12529006
0.03832596	0.03831334	0.03988404	0.04041877	0.04214038	0.04516603	0.05007811	0.05497667
45.1239726	42.5612465	42.427198	42.8428021	44.4760598	43.9428359	45.3629691	47.9279355
2.60115805	2.58308515	2.56887489	2.48801248	2.44966571	2.41498483	2.46586253	2.4746534
0.55893767	0.58567059	0.55942563	0.56810453	0.53582984	0.57343804	0.668102	0.74243023
8.33152523	8.43755892	8.63624591	8.83312977	9.09111211	9.50065061	10.0863035	10.8020906
0.33737323	0.35961009	0.36520269	0.2938697	0.26469123	0.29352484	0.28097977	0.26390615
0.00041429	0.00043018	0.00045103	0.0004776	0.00052347	0.00065954	0.00054823	0.0005891
88.3947121	89.9354058	90.5699345	91.3871427	92.9874986	92.7774248	97.1176641	100.381573
0.24073153	0.44711633	0.47112247	0.42796918	0.24041992	0.32332225	0.4707069	0.31463181
89.1993271	86.4583714	88.4747462	90.9632675	95.3530475	96.5229127	102.621422	106.448791
4.85961406	4.78708946	4.73730138	4.53322589	4.43212276	4.33688771	4.37215208	4.3529058
1.26499927	1.48389438	1.34810922	1.00046953	0.98960909	1.26686894	1.35783846	1.38298768
0.04060692	0.04376332	0.04692004	0.0342935	0.03113679	0.03734264	0.06270328	0.07490012
0.15447906	0.16156893	0.15175908	0.16375429	0.16642134	0.14379531	0.20068203	0.21838234
0.01812501	0.02634861	0.03495489	0.0388046	0.04645793	0.04287042	0.04684248	0.05719692
0.0303441	0.03231379	0.02980982	0.03160171	0.03503607	0.03255743	0.03315707	0.04099686
0.01655133	0.0176257	0.0162599	0.01723729	0.02335738	0.02441807	0.02366336	0.04028374
0.00931395	0.0124185	0.0124185	0.0062094	0.00931395	0.00310456	0.0062094	0.0124185
9.55144658	9.6558086	9.85004669	10.7742904	11.3083216	11.6730682	11.9155713	12.2997821
0.00155357	0.00215091	0.00225515	0.00238798	0.00261735	0.00263818	0.00328679	0.00439641
1.35265661	1.25589328	1.17071727	1.12517474	1.22328849	1.26810383	1.21832583	1.4209704
0.01294644	0.01182999	0.01522229	0.01671583	0.01439542	0.01450999	0.01826885	0.02196109
0.23776479	0.24714026	0.25018678	0.25042235	0.23800068	0.23483621	0.23167174	0.23460033

2.49895679	2.94978933	3.17666015	3.21465503	3.07783107	2.84433557	3.62732067	3.46295825
0.61558619	0.63183645	0.64498215	0.72757315	0.76255528	0.77207687	0.87060591	0.93694637
3.18981903	3.15223207	2.94216307	2.89408879	2.71488032	3.01137618	3.73631953	3.30479604
0.303032	0.30644846	0.30023906	0.29713451	0.30344758	0.30355155	0.31938653	0.34132692
8.4733009	8.16401025	7.97557707	7.50666942	7.65428945	7.74392348	8.13805455	8.4712754
17.8541577	19.6403281	20.8120798	20.1321337	20.4874382	21.1206875	22.369014	24.4607815
55.2969144	56.0095265	47.9113255	49.6755188	49.8647894	52.7323357	53.7210824	56.7710887
4.54781271	4.56051541	4.33878142	4.15237074	4.03384289	4.46069093	4.41258216	4.24721552
21.3405562	21.4833866	23.496553	29.0849986	31.3815019	34.9817194	33.0576571	34.8742236
9.82286961	11.1727017	13.4527391	13.8402274	14.9025818	16.0135767	16.2531052	17.2647587
0.46816241	0.56720101	0.486802	0.48087755	0.52422219	0.49655195	0.52425654	0.5764407
4.14440383	4.08591138	4.45486794	4.70634379	4.5298748	4.94850568	5.29053545	5.72932888
71.2134648	71.2950243	73.7607825	74.0276291	76.9220215	79.7130287	82.72229	87.9184308
0.7266767	0.75754653	0.83278506	0.91275909	0.82489441	0.81899663	0.84383364	0.88732993
1.66336824	1.65965996	2.20599188	2.35829794	2.28628743	2.39202373	2.88250329	2.90216801
157.468664	153.996942	148.533301	152.653836	157.42848	159.311194	164.870075	170.902434
10.4817682	10.6659586	10.764891	10.7896924	10.8353038	10.8878317	11.4391618	11.6898218
1.91767104	1.82142977	1.78593997	1.8255853	2.17475513	2.33516996	2.60527776	2.55175368
3.564463	3.57606978	3.57310288	3.5141233	3.47711848	3.48246546	3.73543508	3.83494058
0.09028298	0.09852331	0.11158971	0.12452106	0.1372473	0.14943083	0.11920354	0.13684022
0.00950347	0.00985233	0.01014452	0.00996168	0.00490169	0.00533682	0.004405	0.00594864
0.00207143	0.00215091	0.00225515	0.00238798	0.00261735	0.00263818	0.00242617	0.00260702
14.5227583	11.1286583	12.6077423	16.1417725	17.7572515	19.233128	22.3912981	26.9139429
5.34971198	6.94526263	8.8775925	9.04639801	7.38467896	9.23061043	9.46006654	9.26681527
0.14255207	0.05911399	0.05579486	0.05977011	0.05391858	0.06404178	0.06385904	0.07330726
1.85347014	2.00559734	1.55231997	1.91245812	1.98696973	2.29432899	2.06769017	2.11115508
0.35861209	0.35251404	0.32519804	0.34474588	0.32116398	0.29844309	0.24934578	0.18858106
4.69081598	5.47967453	5.84107157	5.79408653	6.01361703	5.88319794	5.71292588	5.91414038
0.00414286	0.00322636	0.00451031	0.00417896	0.00458036	0.0059359	0.00639917	0.00746071
2.08159437	2.07810528	2.19647811	2.08475124	2.33400397	2.43630637	2.44832326	2.50831106
0.02758555	0.02937617	0.02709984	0.02872882	0.02919673	0.02984431	0.03526869	0.03588251
3.5697232	3.60516765	3.61928592	3.59168788	3.57914263	3.59033986	3.81311564	3.90610899
1.27198372	1.42680408	1.43612746	1.41210304	1.43773936	1.55346118	1.60999782	1.80051234
2.31572676	2.36603102	2.39521264	2.4132349	2.4374503	2.46199963	2.58586295	2.65220768
0.15205554	0.15271113	0.16738457	0.22911875	0.24508447	0.21880943	0.25117888	0.31272927
2.5926237	2.55868044	2.76785823	2.67501864	2.57348847	2.60650878	2.75906376	2.89578387
1.45578861	1.46384627	1.46542843	1.4455737	1.43797116	1.45118089	1.56412374	1.61700631
0.54758352	0.35191324	0.35476915	0.30643373	0.44001768	0.4341299	0.37063366	0.47816303
0.00475174	0.00492617	0.00507226	0.00498084	0.01960676	0.02134726	0.01973372	0.02265341
67.5718385	75.4701765	75.2391753	67.084489	70.3784981	70.9388842	70.1384334	71.9603788
0.68920024	0.69472126	0.6325049	0.64645206	0.60644158	0.68184335	0.85226829	0.75485395
0.08275664	0.11750468	0.08129951	0.08618647	0.08759018	0.08953293	0.0760799	0.0901891
0.26728182	0.27348768	0.3113676	0.295047	0.29547684	0.14305716	0.45169794	0.4512681
1.90925121	1.88119974	1.94850293	1.84006137	2.02423519	1.89579884	2.09869607	1.2446732
0.57020828	0.59113987	0.71011635	0.69731793	0.73525342	1.25389518	1.30698573	1.3348236
0.28873152	0.2638944	0.23905728	0.232848	0.20490624	0.1241856	0.10245312	0.1086624
0.11585929	0.11750468	0.10839935	0.11491529	0.17518036	0.16278714	0.10472824	0.14682693
0.02330359	0.02419771	0.02537049	0.02626773	0.02551915	0.03165816	0.03543401	0.04340588
0.24358918	0.23748379	0.23406748	0.23706823	0.24027676	0.24046491	0.31330646	0.34514472
0.08275664	0.10281659	0.07858953	0.06894918	0.06715247	0.07325421	0.0764192	0.08124546
6.38750511	6.85829172	7.29088764	8.43770289	8.70715911	9.16923102	9.79745594	10.383438



0.27585546	0.2937617	0.27099836	0.28728824	0.29196726	0.29844309	0.35458511	0.39185611
0.47517357	0.49261656	0.35505817	0.29885054	0.34311826	0.33621937	0.28967737	0.35701419
0.25936516	0.34066988	0.36281792	0.34810621	0.32262612	0.32274964	0.40010529	0.38704376
13.4882207	13.9990877	15.1289585	15.7262796	14.4557423	13.642063	13.0651103	12.806201
0.87740712	0.88807161	0.8472232	0.87985931	0.8447419	0.82266639	0.91756191	0.94630343
22.1223224	22.5259234	21.5572978	22.0793283	22.5002063	22.455937	23.3526112	23.4966049
8.48952076	8.15914502	8.27842868	8.5058248	8.86740692	9.25103904	10.0502827	10.2035515
0.15913256	0.14862421	0.16894197	0.182441	0.20957744	0.20943763	0.23671458	0.236435
6.74844457	6.66258528	6.73904189	6.78399577	7.15511462	7.2539054	7.51357803	7.74678216
0.6364512	0.68612544	0.79789248	0.91897344	1.09283328	1.23254208	1.30705344	1.24806528
6.75082144	7.46044618	8.42426264	8.46993809	9.33563661	9.86586284	10.3895571	12.0418588
1.04206449	1.02105924	1.03430892	1.05687252	1.08875004	1.11441828	1.17434145	1.22184606
6.13410651	6.91387549	6.74549189	6.1511074	6.26680012	5.87628561	6.23288118	7.1775782
10.0105409	9.62030061	9.76379815	9.90749484	9.84756792	9.90485627	10.318514	10.8553039
0.71414014	0.72490387	0.71971363	0.74716497	0.82632712	0.66865982	0.72890263	0.7641181
0.57020828	0.59113987	0.60867116	0.59770108	0.68623652	0.74715415	0.61304677	0.78660355
28.1217599	26.0766414	23.9278195	25.2247145	24.9564826	24.2083368	24.896434	25.2169707
0.85820415	0.8687201	0.89727892	0.94898206	1.11888624	1.10910185	1.13798869	1.19428684
5.95739488	5.69244956	5.55645707	5.45202993	5.35401986	5.28851087	4.7405915	4.96155235
6.76911961	7.00065557	7.45478756	7.27742639	7.06768918	6.6521382	7.10091599	7.77663262
1.08540876	1.05768308	1.0425215	1.00245003	1.14093282	1.19067834	1.21291271	1.33912194
0.07127604	0.11330181	0.15216779	0.19923369	0.29410137	0.2775144	0.28189636	0.32361247
1.04757066	1.18656429	1.37243919	1.38102588	1.27514439	1.25258079	1.23529146	1.26229821
0.11861785	0.12631753	0.12736923	0.15513565	0.17518036	0.16007402	0.17442011	0.19922555
6.8850936	4.4792748	6.1563348	5.2720668	5.0494752	4.284126	3.9883536	5.5525932
187.64971	192.773929	195.922624	198.755796	202.108597	205.123914	214.845993	220.917126
0.19883981	0.267674	0.27457751	0.32229402	0.28620067	0.2952872	0.29158189	0.29183618
19.58266	25.4909401	29.613604	41.1526774	46.8328172	44.0922198	40.3452566	45.4311706
4.67467801	4.53089596	4.20800354	4.37172999	4.05711626	4.74631355	5.85624005	5.17006643
2.27435758	2.25448308	2.57181556	2.58485745	2.2855415	2.7496351	2.58785819	2.01655676
356.809992	331.695638	298.950893	279.961175	283.748877	306.28182	325.708999	322.262964
0.7159734	0.67840605	0.67250844	0.73936812	0.76907601	0.7476552	0.71267304	0.64881411
2.85783645	3.04765917	3.27049014	3.40348227	3.6447333	3.40752192	3.47395398	3.58034286
0.00194537	0.00131676	0.00128584	0.00183784	0.00173019	0.00193806	0.00211898	0.00292918
0.03326215	0.04926166	0.04565034	0.04980842	0.04901689	0.04803134	0.03495942	0.04681891
0.13792773	0.14688085	0.14633912	0.14364412	0.14598363	0.14922154	0.17749705	0.19614731
0.85559054	0.80560461	0.83727424	0.84627659	0.87805019	0.95753604	0.94490959	1.05254525
0.21792581	0.27026076	0.24660851	0.25568653	0.26860988	0.24689383	0.29683359	0.22412117
0.00517858	0.00537727	0.0050741	0.00596994	0.00654337	0.0059359	0.00785154	0.01072133
0.00551711	0.00587523	0.00541997	0.00574576	0.00583935	0.00542624	0.00676065	0.00687832
0.07250005	0.06452722	0.06201674	0.04775951	0.04384058	0.05672086	0.06056785	0.05422819
4.12243236	4.24992141	3.93887475	3.25256724	3.34418967	3.33698211	3.45365901	3.57779619
2.3953272	2.41673361	2.19928666	2.24691422	2.10838622	2.36827078	2.96114884	2.62289495
16.6886411	16.3820676	16.481122	16.8030161	17.6155636	18.1726835	19.377476	19.6917313
0.25412099	0.25362407	0.25683258	0.23846044	0.25002286	0.26945902	0.33260727	0.36106838
0.04137832	0.0352514	0.02980982	0.05458477	0.05839345	0.0569755	0.06097977	0.06552985
3.62532999	3.76990956	4.02233247	4.43298813	4.78766844	5.00365473	5.00912472	5.60038101
0.00046058	0.00047825	0.00050143	0.00053096	0.00058197	0.0005866	0.0006303	0.00067728
0.05517109	0.05581472	0.05148969	0.05458476	0.02627705	0.02984431	0.0580786	0.05286947
0.31576239	0.31359276	0.36337089	0.226443	0.18079635	0.22985931	0.40580901	0.44700045
9.83598589	10.3442085	10.0070957	11.9514644	13.9644964	14.7238189	15.5578421	17.9483943

0.4332563	0.43466709	0.43430647	0.42713757	0.42263968	0.4232896	0.45403776	0.46613254
2.44589381	2.45385825	2.45182239	2.41135128	2.38595899	2.38962804	2.5632129	2.63149244
0.00950347	0.0147785	0.01521678	0.01494253	0.01470507	0.01601045	0.007933	0.02058321
1.40852796	1.496289	1.59932429	1.62933179	1.70819447	1.67821608	1.72240827	1.72084166
1.77077312	1.88865691	1.90415206	2.04286683	2.14739706	2.25423431	2.20289783	2.20038233
16.7433328	16.8674394	18.0669319	18.907037	19.0820541	19.7596659	22.0808984	25.1472984
8.49964866	8.55651884	10.1304037	11.192066	12.4068625	13.0003265	14.1163522	15.656956
0.69227907	0.6799644	0.62097624	0.63329091	0.63297924	0.64239705	0.63929241	0.66123267
0.47503404	0.37743963	0.34360026	0.29671899	0.35695383	0.38241429	0.43985616	0.49719414
55.5304165	55.5483003	55.5004851	54.3209655	53.8399892	53.3548464	54.7402066	55.1620317
1.65250587	1.6659718	1.58933277	1.51877861	1.37605021	1.33480256	1.34759869	1.4109936
1241.23308	1235.89193	1227.51833	1243.79066	1281.70351	1292.56437	1315.02246	1359.27832
4.74391895	4.77430906	4.78108078	4.72232565	4.68845404	4.69923524	5.01673583	5.14498979
0.00155357	0.00161318	0.00169137	0.00179098	0.00196301	0.00197863	0.00179261	0.00192623
27.0041765	28.0647794	28.4002282	27.9137785	26.9671285	27.4754221	27.7406718	28.2505797
0.00103572	0.00161318	0.00169137	0.00179098	0.00130867	0.00131909	0.00085871	0.00244573
1.98752565	1.62808225	1.70735759	1.90566508	1.85613489	2.87185981	3.19678915	3.7257363
0.03801389	0.03448316	0.03550582	0.0348659	0.03431183	0.04269452	0.03174007	0.031549
0.03326215	0.03448316	0.04057808	0.03984674	0.04901689	0.04269452	0.02980088	0.03421006
2.31926721	2.34627396	2.44728468	2.77195749	2.75435649	2.89624698	3.30090114	3.52205781
25.5836927	26.5521665	26.4536885	26.2123438	27.6994787	26.4274457	26.0683545	27.4877898
0.87379496	0.84285764	0.7377496	0.75638643	0.78117385	0.74408811	0.71670025	0.75643142
1.87263265	1.99127904	1.74507398	1.97749508	1.82003061	1.90356314	2.12295162	2.08877072
0.00080486	0.00084135	0.0008786	0.00091857	0.00095937	0.00100503	0.0010537	0.00110755
0.00631344	0.006446	0.00658153	0.00672004	0.00686153	0.00700451	0.00714451	0.007286
0.0093071	0.00942816	0.0095576	0.00969662	0.00984336	0.00999812	0.01015859	0.01032572
0.01093507	0.01094304	0.01095504	0.01097143	0.01099229	0.01101631	0.01103675	0.01106182
0.00129734	0.00132193	0.00134652	0.001372	0.00139835	0.00142558	0.00145105	0.00147652
0.13768593	0.13824879	0.13878074	0.13929632	0.13981961	0.14036678	0.14091095	0.1414801
0.00033348	0.00035151	0.00037018	0.00039014	0.00041074	0.00043263	0.0004558	0.00048027
0.010617	0.01073666	0.01085604	0.0109721	0.01108062	0.01117801	0.01123945	0.01128949
0.00041026	0.00042338	0.00043769	0.000452	0.00046512	0.00047943	0.00049255	0.00050567
0.00102234	0.00106256	0.00110353	0.00114528	0.00118779	0.00123308	0.0012751	0.0013199
0.00890485	0.00913521	0.0093685	0.00960428	0.00984187	0.01008024	0.01028076	0.01048047
0.00075213	0.00078639	0.00082064	0.00085639	0.00089213	0.00092937	0.0009666	0.00100533
0.11996584	0.12445779	0.12907186	0.13378125	0.13855468	0.1433579	0.14804049	0.15274094
0.00060915	0.00063006	0.00065096	0.00067187	0.00069278	0.00071369	0.00073599	0.00075969
0.10058495	0.1018837	0.10317425	0.10449424	0.10590025	0.10742397	0.10895531	0.11060697
0.01850842	0.01914636	0.01981359	0.02050513	0.02120649	0.02190988	0.02252097	0.02312899
0.00294746	0.00300257	0.00305917	0.00311874	0.00317832	0.00324087	0.00330045	0.00336151
0.20864036	0.2192919	0.23018699	0.24144416	0.25322293	0.26563104	0.27890559	0.2928763
1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.9314E-06	1.9314E-06
0.00760324	0.00785792	0.00812154	0.00838963	0.00866367	0.00894069	0.00919687	0.00945453
0.00025761	0.00026118	0.00026476	0.00026715	0.00027072	0.00027549	0.00027907	0.00028384
0.01300538	0.01303284	0.01303943	0.01303219	0.01302203	0.01301702	0.01300708	0.01300231
0.18059061	0.18346868	0.18650876	0.18964036	0.19275341	0.19576922	0.19837664	0.20087288
5.009E-05	5.1283E-05	5.3668E-05	5.486E-05	5.6053E-05	5.7246E-05	5.8438E-05	5.9631E-05
0.00063203	0.00064424	0.00065649	0.00066737	0.00067825	0.0006906	0.00070299	0.00071391
0.00014431	0.00014908	0.00015385	0.00015862	0.00016458	0.00016935	0.00017412	0.0001777
0.00056473	0.00059403	0.00062513	0.00065758	0.00069138	0.00072564	0.00076034	0.00079595

0.0014432	0.00150873	0.00157427	0.00164278	0.00171278	0.00178576	0.00185873	0.0019332
9.2395E-05	9.4648E-05	9.7352E-05	9.9606E-05	0.00010231	0.00010547	0.00010817	0.00011087
2.13796638	2.17807034	2.2194142	2.26105395	2.30173338	2.34044915	2.3701823	2.3975528
0.00055958	0.00057089	0.00058029	0.00059172	0.00060149	0.00061361	0.00062584	0.00063641
0.00022137	0.00023196	0.00024255	0.00025506	0.00026853	0.00028201	0.00029741	0.00031281
1.38324229	1.39401504	1.40518879	1.41684002	1.42903032	1.4417363	1.45485111	1.46857309
0.00118456	0.00121172	0.0012405	0.00126815	0.00129746	0.00132852	0.00136287	0.00139915
5.8585E-05	6.1804E-05	6.5023E-05	6.8885E-05	7.2748E-05	7.6611E-05	7.983E-05	8.4336E-05
0.48977172	0.49755336	0.50536394	0.51323472	0.52120359	0.52929495	0.53682717	0.54447806
0.00035038	0.00035639	0.00036379	0.00036982	0.00037441	0.00037895	0.00038196	0.00038488
0.00013009	0.000131	0.0001319	0.00013281	0.00013372	0.00013464	0.00013556	0.0001365
0.00044202	0.00045508	0.00046972	0.00048601	0.00050401	0.00052087	0.00053653	0.00055393
2.8298E-05	2.9787E-05	3.1277E-05	3.2766E-05	3.5745E-05	3.7234E-05	4.0213E-05	4.3192E-05
8.3405E-05	8.3405E-05	8.3405E-05	8.1915E-05	8.1915E-05	8.1915E-05	8.0426E-05	7.8937E-05
0.0049917	0.00511455	0.00522016	0.00531284	0.00540767	0.00550466	0.00567493	0.00585166
0.01434243	0.01503296	0.01574972	0.01649391	0.01726554	0.01806579	0.01887796	0.01971875
0.0003185	0.00032185	0.00032543	0.00032915	0.00033294	0.00033667	0.00034009	0.00034343
0.08048544	0.08065362	0.08064912	0.08052334	0.08035094	0.08019226	0.08001791	0.07985871
0.03284526	0.0348346	0.03688847	0.03900218	0.04116585	0.04337115	0.04578771	0.04824798
0.02862906	0.02905282	0.02943554	0.02977063	0.03005487	0.03028456	0.03042745	0.03052058
0.00313105	0.00319359	0.00325631	0.00331714	0.00337718	0.00343881	0.00349773	0.00355659
0.44669138	0.44877174	0.45001616	0.45066637	0.45107234	0.45151955	0.45180677	0.45214042
0.00052475	0.00053668	0.0005498	0.00056292	0.00057603	0.00058677	0.00059512	0.00060227
2.8107E-05	2.9864E-05	3.1621E-05	3.4256E-05	3.6013E-05	3.8648E-05	4.0405E-05	4.304E-05
2.97985208	3.01747923	3.05416875	3.0896874	3.12377965	3.15622219	3.18762343	3.21747685
0.00028778	0.00030126	0.00031473	0.00032917	0.00034361	0.00035901	0.00037537	0.00039173
0.00124199	0.0013549	0.00149429	0.00165599	0.00183301	0.00201562	0.00212853	0.00224144
0.21095947	0.22019928	0.22971282	0.2394074	0.24913431	0.25878362	0.26893944	0.27899611
0.00011858	0.00012561	0.00013263	0.00013878	0.00014669	0.00015547	0.00016425	0.00017304
0.00211598	0.00220798	0.00230974	0.00242265	0.00254392	0.00267076	0.00281295	0.0029621
0.00018621	0.00018973	0.00019412	0.00019851	0.0002029	0.00020641	0.00020817	0.00020993
2.9815E-05	3.1008E-05	3.2201E-05	3.2201E-05	3.3393E-05	3.4586E-05	3.4586E-05	3.5779E-05
0.00237547	0.00242333	0.00247135	0.00252012	0.00257043	0.00262267	0.00266661	0.00271211
0.00026941	0.00027588	0.0002845	0.00029743	0.00031036	0.0003233	0.00033838	0.00035347
0.0015521	0.00162408	0.0016976	0.00177655	0.00185517	0.0019374	0.00200899	0.00207978
0.00059594	0.00063439	0.00067764	0.0007225	0.00076895	0.00081701	0.00084905	0.00088109
0.01591907	0.01670256	0.01750503	0.01832835	0.01917086	0.02003637	0.02091387	0.02181643
0.01109147	0.01147824	0.01185049	0.01221303	0.01256709	0.01291804	0.01325936	0.0135987
0.00136032	0.00142599	0.00149487	0.00156633	0.00163779	0.00170861	0.00177363	0.00183737
0.00020426	0.00020836	0.00021247	0.0002186	0.00022294	0.00022744	0.00023124	0.00023518
0.02024819	0.02078624	0.02133266	0.02188327	0.02243108	0.02297192	0.02359083	0.02420415
0.00040304	0.00041813	0.00043322	0.00045046	0.0004677	0.00048494	0.00050219	0.00051943
0.00015015	0.00015207	0.00015304	0.00015496	0.00015592	0.00015785	0.00015977	0.0001617
0.01603574	0.01672713	0.01743385	0.01816845	0.01894905	0.01978959	0.02070122	0.02167696
0.01074912	0.01084431	0.01094693	0.01105399	0.01116217	0.01126805	0.01138336	0.01149604
0.00384954	0.00393189	0.00401512	0.00409914	0.00418385	0.00427059	0.00435981	0.00444968
0.00225441	0.00230728	0.00236574	0.00242658	0.00248813	0.00254948	0.00261424	0.00267791
0.00382619	0.00394832	0.00407343	0.00420003	0.00432811	0.00446067	0.00459024	0.00472428
0.04736983	0.04993048	0.05259427	0.05536401	0.05823968	0.06122129	0.06430466	0.06749675
						4.0172E-07	4.0796E-07

0.00032731	0.00034136	0.00035645	0.00037154	0.00038715	0.00040328	0.00041993	0.0004371
0.21952355	0.22301032	0.2265492	0.23005961	0.23343548	0.23659784	0.23909552	0.24135015
0.0062741	0.00638402	0.00650257	0.00662326	0.00674612	0.00686897	0.00698751	0.00710605
0.17545467	0.1779086	0.18033342	0.18272908	0.18509684	0.18743288	0.18922399	0.19096149
8.9362E-05	9.383E-05	9.8298E-05	0.00010277	0.00010723	0.0001117	0.00011617	0.00012213
2.6351E-06	2.6351E-06	2.6351E-06	3.5134E-06	3.5134E-06	3.5134E-06	4.3918E-06	4.3918E-06
0.00119295	0.00120056	0.00121027	0.0012213	0.0012324	0.0012427	0.00125428	0.00126529
0.00351871	0.00365466	0.00378162	0.00387948	0.0040202	0.00413111	0.00430909	0.00441979
0.01618628	0.01651246	0.01689719	0.01731815	0.0177447	0.01815869	0.0185476	0.01892396
2.042E-05	2.077E-05	2.112E-05	2.147E-05	2.3639E-05	2.4018E-05	2.4397E-05	2.4776E-05
9.9788E-05	9.9788E-05	9.9788E-05	0.00010128	0.00010128	0.00010277	0.00010426	0.00010575
0.00640172	0.00662868	0.00685575	0.00708274	0.00731143	0.00754175	0.00776743	0.00799434
0.00076255	0.00077663	0.00079119	0.00080587	0.0008202	0.00083382	0.00084416	0.00085364
0.0312272	0.03126256	0.03127832	0.03129067	0.03132172	0.03138736	0.03149003	0.03162549
3.8627E-05	4.0559E-05	4.249E-05	4.5065E-05	4.764E-05	4.9572E-05	5.2147E-05	5.4722E-05
0.00604964	0.00623086	0.00641207	0.00659328	0.00677867	0.00696685	0.007162	0.00736133
4.7394E-05	4.8787E-05	5.1575E-05	5.4363E-05	5.7151E-05	5.9939E-05	6.4121E-05	6.6909E-05
0.01525705	0.01650553	0.0178238	0.01921173	0.0206631	0.02217318	0.02357083	0.02501353
0.00289242	0.00304976	0.00320925	0.0033709	0.00353686	0.00370282	0.00386231	0.00402396
0.03731829	0.03791231	0.03850256	0.03909071	0.03967463	0.04025513	0.04071616	0.04116896
0.00099937	0.00100979	0.00102171	0.00103213	0.00104256	0.00105447	0.0010649	0.00107682
0.00204559	0.00207218	0.00210062	0.00213097	0.00216322	0.00219722	0.00223229	0.00226902
3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06
0.00688238	0.00711919	0.00736047	0.0076092	0.00786388	0.00812601	0.00838665	0.00865622
0.00375385	0.00385282	0.00395597	0.0040633	0.00417202	0.00428354	0.00441457	0.00454699
17.8926831	18.317253	18.0098262	18.6490548	17.8037041	18.2524918	18.2773087	17.4033046
882.379375	836.319594	806.989911	784.33061	797.262542	840.785853	856.079041	864.923009
250.82665	232.659638	221.331348	228.781484	227.400463	220.593194	215.740035	213.160029
905.416491	843.250917	793.658269	788.619959	796.446995	781.925189	752.841969	756.292638
1311.30145	1278.23096	1282.66683	1277.36676	1277.55184	1275.78825	1277.86949	1288.78878
280.108591	270.003254	258.064346	256.296137	258.860312	247.776988	248.395016	251.376539
511.954943	502.33987	503.172091	508.294078	519.839463	524.33711	547.613827	568.428403
4.87938024	4.9429249	5.00718682	5.07146975	5.1348298	5.19645916	5.24761754	5.2966762
76.9506003	77.6576906	78.9498237	83.3007422	86.8053418	87.9140366	91.1174457	92.0284025
3256.25849	3195.17727	3179.49877	3189.44657	3302.30119	3380.06902	3410.40593	3469.36938
1641.41645	1502.07655	1518.36057	1509.83386	1531.24194	1561.81451	1576.4043	1592.06075
4180.16189	4038.50638	3864.09919	3780.95588	3905.56986	3820.01105	3793.31379	3922.41392
5814.25626	5815.49825	5814.54587	5975.71839	6181.34322	6334.44298	6497.40566	6773.72168
1091.67109	1078.37003	1037.51656	1064.90816	1124.11784	1133.82431	1165.83934	1204.07774
3712.44947	3694.94568	3662.37805	3696.31388	3801.17876	3878.39767	4020.83009	4160.61622
9.33946686	9.48756423	9.63657108	9.78558239	9.93348334	10.0791634	10.2141692	10.3466624

1988	1989	1990	1991	1992	1993	1994	1995
0.07956665	0.07977618	0.06940475	0.06846189	0.06254285	0.06285713		
0.16908571	0.19297142	0.16531427	0.03504285	0.02325714	0.02734285	0.03153333	0.02828571
0.17448093	0.17008093	0.17505712	0.16678093	0.25719045	0.28191425	0.46865232	0.54339994
0.0829323	0.06760046	0.06344168	0.0592829	0.05512412	0.05096533	0.04680655	0.04264777
0.46037614	0.53381423	0.54675232	0.58137613	0.59305709	0.65083327	0.70258564	0.8184523
0.01000476	0.00874762	0.01272857	0.011	0.011	0.01309524	0.01571428	0.01204762
0.06219923	0.05070034	0.04758126	0.04446217	0.04134309	0.038224	0.03510492	0.03198583
0.02252381	0.01780952	0.01833333	0.02619048	0.01990476	0.01990476	0.01990476	0.03247619
0.83961414	0.99267125	0.96014268	1.11477123	1.12629503	1.1654236	1.2676712	1.49175687
0.8551714	0.7484714	0.70242855	0.57435712	0.50977141	0.49609999	0.61725714	0.34885714
2.04332845	1.90252845	2.04118084	2.19345227	2.17899512	2.66671412	3.011276	2.95187602
1.55634272	1.52622367	1.42696178	1.5310951	1.564357	1.72747127	1.64947603	1.81934744
0.05138571	0.05803809	0.04824285	0.03457143	0.03719047	0.03719047	0.055	0.03614285
0.18008569	0.19642854	0.2369714	0.21250949	0.23623806	0.2713333	0.27238092	0.34571424
16.3946072	16.5916643	17.7969499	18.2139023	19.0504259	15.809093	17.8812834	23.6122825
0.00974286	0.01052857	0.01587143	0.022	0.02357142	0.02828571	0.03771428	0.03928571
0.03142857	0.02702857	0.0242	0.01728571	0.00754286	0.01712857	0.022	0.022
0.34938091	0.37028091	0.45026661	0.42239994	0.36865709	0.35718567	0.37829519	0.37033329
0.08579999	0.09507142	0.06568571	0.06835714	0.07385713	0.06599999	0.10057142	0.08957142
0.79922853	0.98119995	0.86585711	0.76999998	0.69692856	0.36771428	0.25457142	0.24566665
0.01587143	0.01602857	0.01587143	0.01571429	0.0198	0.01665714	0.01618571	0.01524286
1.02222214	1.13134636	0.96188754	0.52133818	0.5032567	0.49723935	0.13514285	0.17479523
1.59735705	1.67514277	0.45052852	0.51280948	0.44838091	0.41014282	0.55052376	0.45833327
0.01445714	0.02430476	0.02713333	0.02383333	0.02514285	0.02985714	0.03247619	0.06966667
0.09727143	0.14184761	0.13011428	0.16395237	0.12990476	0.11859047	0.13179047	0.1545238
0.1254	0.10151429	0.13828571	0.08485714	0.08957143	0.16185714	0.11502857	0.01917143
0.05400475	0.07322856	0.06254285	0.07176189	0.09067142	0.08799999	0.08747618	0.10057142
1.98895703	1.96601417	1.92861419	2.03342847	1.86371419	2.09314275	1.8681142	2.6242856
1.7221285	1.62789516	1.50071422	1.43068088	1.12357138	1.28176185	1.32471424	1.51957137
0.1148958	0.0936548	0.08789316	0.08213151	0.07636987	0.08045714	0.06851428	0.05908493
0.03928571	0.04714286	0.04677619	0.0497619	0.05919047	0.05578571	0.0781	0.08967619
0.03708571	0.03849999	0.01508571	0.02655714	0.00157143			
4.06481421	3.98875707	4.00509993	4.00399992	2.50485707	2.71071421	3.53162851	3.74078566
2.38857139	2.56142853	2.49857139	2.31157138	2.03028569	2.00828569	1.95747616	2.01299998
0.62495714	0.62024285	0.62165714	0.60751428	0.59242857	0.47142857	0.54685714	0.46828571
0.12587142	0.20004284	0.21057142	0.23759998	0.23885713	0.19642855	0.29857141	0.29699999
0.05397828	0.09055521	0.07349508	0.04776839	0.09075994	0.07233499	0.08171428	0.05342856
1.02692852	0.88377138	0.68262854	0.52548569	0.25457142	0.57577142	0.59242856	0.61327618
3.07497101	2.89032819	3.12431386	3.03851388	3.27014241	3.08125674	3.19942814	3.50585665
11.0555745	11.2682936	11.8430697	12.4566601	13.0413361	13.5067408	14.440693	15.0085548
0.09899998	0.10842855	0.11157141	0.1162857	0.10999998	0.14771426	0.10214284	0.09271427
0.92735229	1.3484951	1.06851896	1.21261893	1.52679983	1.0358856	1.13535703	1.15253797
0.16594283	0.12115712	0.10842855	0.11157141	0.10371427	0.36876185	0.3939047	0.36666661
0.00754286	0.0044	0.00408571	0.00377143	0.00597143	0.0066	0.01005714	0.00251429
0.07134285	0.07574285	0.06882857	0.05185714	0.05814286	0.044	0.07071428	0.09114285
1.08690466	0.97428562	0.98947609	1.20214275	1.12042847	1.21104751	1.22938086	1.13666657
0.02634762	0.02330952	0.01754762	0.02660952	0.02933333	0.01246667	0.00419048	0.00733333

1.36871425	1.35928568	1.27599997	1.1785714	1.1455714	1.17888568	1.26358568	1.20308568
0.10712089	0.08731726	0.0819455	0.07657374	0.07120198	0.06583022		0.05508671
0.07820476	0.06521428	0.0638	0.05908571	0.0429	0.04530952	0.04242857	0.02723809
0.23583874	0.19223881	0.18041227	0.16858574	0.15675921	0.14493267	0.13310614	0.1212796
0.39977136	0.42664279	0.42774279	0.37462851	0.37698565	0.35199994	0.35671423	0.3441428
0.00125714	0.00078571			0.00125714	0.00157143	0.00157143	0.00157143
			0.00859048	0.01026667	0.03100952	0.022	0.09428571
0.0717619	0.07679047	0.08485714	0.06023809	0.05039048	0.06793809	0.0418	0.05573333
0.26981426	0.25252855	0.23199522	0.24828569	0.27122855	0.29699997	0.2963714	0.27515712
0.08638782	0.07041715	0.06608508	0.06175302	0.05742095	0.05308889	0.04875683	0.04442476
0.3109857	0.29039999	0.32575713	0.27939999	0.25755713	0.33439998	0.28903808	0.31748094
2.95868556	2.97109985	2.90745697	2.1949713	2.71961889	2.70495223	2.83805223	2.80238083
0.01259493	0.02112955	0.01714885	0.01114596	0.02688684	0.02258769	0.06002857	0.05358571
0.10497141	0.10072855	0.09082855	0.09381427	0.0854857	0.0942857	0.17379997	0.17065711
0.01131429	0.01571429	0.01257143	0.00942857	0.00942857			
0.4706952	0.63936186	0.89969521	0.91462379	0.73752377	0.71971424	0.79671426	0.57147618
0.10371427	0.10465712	0.08407141	0.06505713	0.07322856	0.07322856	0.07857141	0.03142857
0.10036189	0.02980476	0.04777142	0.03834285	0.04022856	0.03299999	0.01849047	0.03980952
0.01152381	0.01152381	0.01152381	0.022	0.022	0.01990476	0.0387619	0.04085714
0.0033	0.0022	0.0022				0.00314286	0.00314286
0.0511238	0.06002856	0.06809523	0.07427618	0.10339999	0.0920857	0.11225236	0.11419046
0.04850476	0.0528	0.12707619	0.17495237	0.2559857	0.27609999	0.31528094	0.36279045
1.91206162	2.15982348	2.18156157	2.20219966	2.46447105	2.54346151	2.64277578	2.98168047
0.31480949	0.22885236	0.15756188	0.12351427	0.12173332	0.19742379	0.22508093	0.26101426
0.69174278	0.70824278	0.7334904	0.68089995	0.7362666	0.77811897	0.71840469	0.6641904
3.68761893	3.47861893	1.67734282	1.41470472	1.68352377	1.76995234	1.83280947	1.84171423
1.34199985	1.35771414	1.37562842	1.38128556	1.37107128	1.34514271	0.65999994	0.2152857
0.12094762	0.12110476	0.13388571	0.12047618	0.10423809	0.10580952	0.09009523	0.08380952
0.00094286	0.00172857	0.00157143	0.00235714	0.00235714	0.00314286	0.00942857	0.00942857
1.31999997	1.23042852	1.35928567	0.50285713	0.50914284	0.60028569	0.35325713	0.34885713
7.12979242	5.8819451	5.46019882	5.03845254				
0.29699995	0.35409518	0.3939047	0.40857137	0.41485708	0.36457137	0.25561901	0.22995235
0.05247888	0.08803979	0.07145355	0.04644149	0.08823883	0.07032568	0.05499999	0.02828571
0.12288569	0.07369999	0.1041857	0.06191427	0.06992856	0.0689857	0.06191427	0.04981428
0.00811905	0.00754286	0.00722857	0.01204762	0.011	0.01257143	0.00455714	0.00031429
0.23665714	0.22424286	0.19003809	0.21622857	0.20617143	0.19380952	0.19380952	0.154
0.40683496	0.4430155	0.38608386	0.0938237	0.07576232	0.06994159	0.08255238	0.09837143
0.00524789	0.00880398	0.00714535	0.00464415	0.00940007	0.0198659	0.00895714	0.02121428
0.02608571	0.02042857	0.03551429	0.06442857	0.11628571	0.14457143	0.11366667	0.09480952
0.21224759	0.19972854	0.25771424	0.16028569	0.2853714	0.26871424	0.39128568	0.5075714
0.65842853	0.70085709	0.80299995	0.90608566	0.9480428	1.16285707	1.17123801	1.20999993
0.19091707	0.15562189	0.14604803	0.13647417	0.12690031	0.11732645	0.10775259	0.09817873
0.49241055	0.40137773	0.37668497	0.3519922				
0.00047143	0.00078571	0.00864286	0.00864286	0.01005714	0.00392857	0.00314286	0.00314286
0.13985714	0.1482381	0.11230476	0.15567619	0.16227619	0.1518	0.13577143	0.1152381
1.10141421	1.2018285	1.29029992	1.41994278	1.46823801	1.49437608	1.02106182	1.16757135
0.75742853	0.73904282	0.74328567	0.77188567	0.65999995	0.6953571	0.71877138	0.73291424

0.05201428	0.05012857	0.06537142	0.06442857	0.05138571	0.06552857	0.06757143	0.022
3.06517053	2.50565104	2.34541295	2.18517487				
0.05630952	0.04551904	0.05180476	0.05295714	0.05803809	0.05814285	0.04242857	0.03771428
4.27004245	4.53168527	4.3224234	4.46516148	4.77248049	4.92768524	4.89903285	4.9756662
3.23519179	2.68461827	2.47894741	2.27327656				
0.33529043	0.29663329	0.27788091	0.28008091	0.23257139	0.22314283	0.22419045	0.27919044
0.85318085	0.84218085	0.90807609	1.04903318	0.95731416	0.94118081	1.47242836	1.26259028
0.18417142	0.17196666	0.15688094	0.17950951	0.18411903	0.19040475	0.18699998	0.19957141
0.06584285	0.06851428	0.04604285	0.04902856	0.07951428	0.10418571	0.04960476	0.04352857
0.19391429	0.19642857	0.20805714	0.20868571	0.14677143	0.22251429	0.20554286	0.154
0.03070388	0.04298521	0.02019558	0.02606562	0.02501537	0.02397495	0.0259177	0.02783124
0.8864903	0.99933566	0.37903346	0.36055355	0.23950898	0.23562273	0.23015343	0.09788817
0.75213076	0.72652721	0.66327034	0.69130428	0.61829301	0.51476819	0.63206454	0.66695905
1.1995E-05	1.3154E-05	2.0858E-05	1.4228E-05	2.1846E-05	2.7128E-05	2.68E-05	2.8093E-05
2.33115914	1.53416053	2.09206679	1.32094196	0.57062563	0.39337681	0.33007224	0.3251694
0.16114788	0.17938496	0.21303864	0.21303864	0.22878497	0.25597558	0.265588	0.27172191
0.31935541	0.31040152	0.30443226	0.28652448	0.2686167	0.25966281	0.28652448	0.28652448
22.4898911	21.1866211	22.0305923	22.1992519	22.1519911	24.5579341	25.3257699	25.7109376
6.77201894	6.8586657	6.97567785	6.00199872	2.58353153	0.9170813	1.05987244	1.35750519
0.03393842	0.03520653	0.01644344	0.01892172	0.0165054	0.01536917	0.01592875	0.01626897
10.9715531	11.3863902	12.018336	12.0969539	12.476063	12.9522629	12.8248751	13.5168114
14.4889883	13.5247523	13.127661	14.4802762	13.7685508	13.4351204	12.4136902	13.5618342
8.53182068	8.68054337	9.19858842	7.80446127	6.29764819	4.13622266	6.24344237	5.03362533
0.05001248	0.06388063	0.03227578	0.04562246	0.03562628	0.03878801	0.04172938	0.04038978
27.6600316	25.8369458	26.4998042	29.5332056	29.9533544	29.4035458	29.354263	30.9051298
0.03779052	0.03464143	0.03464143	0.02519388	0.03779052	0.03149235	0.03779052	0.0409399
0.11009687	0.10844287	0.05253297	0.07397539	0.06310038	0.06505443	0.07376874	0.07429891
2.46850519	3.04754271	2.9961972	2.80906288	2.94274259	3.07338682	3.26707913	3.77370688
14.6446256	14.542725	7.64794308	5.54279737	5.35178761	5.91852596	5.40462927	4.07562088
0.1099157	0.1160493	0.12566173	0.13792924	0.15036158	0.1472125	0.15649549	0.15948027
0.19370921	0.22974509	0.1090385	0.11281942	0.084214	0.08271336	0.08726723	0.09856288
1.7327724	1.73217192	5.14450906	5.10984362	4.3022378	3.79508734	0.75943264	0.82707873
20.141556	20.1520731	17.7583865	17.0721824	15.3675354	14.1059343	10.8238847	10.1539672
0.01349456	0.02066969	0.01252293	0.01647642	0.01187811	0.0110621	0.01020515	0.01127436
0.06273726	0.07898811	0.02537931	0.02623707	0.01794268	0.01914432	0.01803855	0.01770234
0.66666007	0.67937558	0.63773707	0.6649208	0.71331985	0.66611532	0.72198128	0.77912787
26.4013141	27.2407004	27.5393849	27.2559008	28.5342664	29.7427339	31.4811375	33.3046332
0.1097187	0.12898429	0.0576309	0.06373234	0.05785604	0.05506086	0.0517329	0.05136
0.04262092	0.04262092	0.0457703	0.04560571	0.05179875	0.05799179	0.06412596	0.05726118
0.01151427	0.01286528	0.01333439	0.01336359	0.00941238	0.01003101	0.01302562	0.01575366
0.08515119	0.12710391	0.13547034	0.13547034	0.15346177	0.17396889	0.17494144	0.14927698
0.04579772	0.05065676	0.02616716	0.03422326	0.02754739	0.02948987	0.03211635	0.03234389
77.8735472	83.4270064	70.1577225	69.7104323	72.2106082	75.6966942	76.9954537	76.5702991
19.1093345	18.6059379	17.226233	18.5196109	18.5453558	18.004304	16.7219962	17.7617938
2.63282832	2.82039083	3.35770579	3.78371313	4.28244443	4.36833035	4.5912487	4.49255417
510.664279	505.862509	524.135884	527.104154	499.116847	515.839034	496.95044	517.025611
0.62501784	0.59649687	0.53024481	0.56109198	0.53322932	0.52067839	0.51708156	0.56437278
0.41522527	0.67329647	0.68556425	0.67992437	0.53456644	0.55362615	0.62008936	0.56638795
1.92966295	1.82068596	1.46091165	1.08349703	0.91852441	0.87689441	0.71963846	0.6475136
0.07790754	0.07492301	0.07492301	0.08122148	0.08122148	0.0780721	0.06596892	0.0780721
0.00888823	0.01042326	0.0042829	0.00293249	0.00471614	0.00468582	0.004728	0.00423226

4.57859361	5.31161724	5.14731983	5.1388305	5.1232282	5.65599348	7.62143503	5.24688331
0.01041599	0.01153383	0.00659614	0.00784519	0.00668833	0.0063992	0.00661591	0.0066587
0.01421361	0.01898574	0.00911404	0.01124767	0.0112391	0.01074904	0.01308563	0.01282882
0.06382938	0.12988708	0.14897364	0.20647376	0.24008658	0.27355541	0.30120866	0.31963955
6.01552919	6.32351267	5.42258873	4.42452554	3.49673479	2.76279762	2.8343936	2.84083186
0.02314638	0.0240128	0.01157772	0.01311421	0.01162021	0.01028856	0.01152093	0.0117849
0.1644367	0.16153408	0.18403735	0.18403735	0.2176916	0.2026036	0.20276846	0.20575298
40.9405764	35.6282124	28.9436157	27.3829419	19.3393741	22.6452153	21.62216	20.6047359
236.9554	205.895909	213.494511	213.257611	196.101327	201.24349	190.211923	192.669794
0.13256768	0.33885646	0.16735924	0.20653866	0.17785472	0.17161932	0.18231465	0.18198542
0.00452187	0.00469285	0.00211585	0.00243473	0.0021229	0.00197761	0.00254247	0.00303732
9.79502406	8.68913096	8.76547356	9.11979073	8.30665158	9.01314041	8.30186089	8.26466866
0.48149304	0.90688867	1.02087552	1.01181177	1.35392104	1.55451001	1.58336727	1.72628278
6.02594816	6.76369053	6.59213698	7.54167603	7.78201688	8.22994793	8.16922039	8.09183146
2.50406076	2.44644767	1.482559	1.44900238	1.50009264	1.52088681	1.61545202	1.80210872
9.63863474	9.98973598	9.75596322	9.27550109	9.09558811	8.09844553	9.26133781	9.88619594
0.00397794	0.00397794	0.00397794	0.00430946	0.02519388	0.0502741	0.0532964	0.07830165
0.03467988	0.03689328	0.02734764	0.03212559	0.02926594	0.02715436	0.02827854	0.03277649
21.0660239	19.242805	20.4029987	22.7917242	23.7526364	23.1160155	24.3605679	24.3612091
2.11553742	2.11333167	1.81411238	1.75499234	1.09660958	0.87095517	0.6182225	0.63148929
0.33986872	0.33986872	0.39047789	0.39546548	0.33860768	0.45228952	0.50937783	0.59183735
9.20084252	8.43698541	8.64389482	8.57873455	8.63012192	7.54959073	7.66314013	7.75708939
0.16168677	0.22531437	0.10235235	0.08511507	0.09368522	0.10007604	0.10260287	0.10088383
0.00166237	0.00252854	0.00057002	0.00065593	0.00057221	0.00053278	0.00051637	0.00099058
98.1571741	98.2591034	96.740318	106.594044	104.302668	101.487829	95.7730835	95.6855233
0.26072712	0.13767739	0.14369272	0.16873515	0.16237755	0.16558606	0.18514693	0.19156398
116.713912	109.135732	109.538571	120.546397	115.387942	117.609271	114.690069	112.209619
5.29291578	5.35745248	5.2680178	4.84728191	4.68591394	4.73524228	2.26666533	0.82083349
0.57883808	0.61983713	0.55994268	0.41142252	0.47135666	0.4803702	0.54942305	0.62189532
0.20916234	0.22280953	0.14546177	0.13789679	0.12186342	0.12281016	0.12859694	0.12788165
0.10013436	0.11504866	0.05586164	0.06690454	0.05550438	0.05860543	0.05886665	0.05794903
0.0388332	0.04295136	0.0207125	0.02544556	0.02170799	0.02233004	0.02663894	0.02489167
0.0440434	0.04941081	0.02865096	0.03535826	0.03181113	0.03356465	0.03470132	0.03495071
0.01574602	0.01574602	0.02486445	0.02784923	0.02784923	0.03083376	0.03083376	0.03381854
7.45497555	8.35317984	8.06753667	8.36209217	8.00276908	7.8627714	7.92331611	7.99618786
0.00725584	0.00752962	0.00508751	0.00585428	0.00524328	0.00564642	0.00627901	0.00550243
0.42733973	0.51569374	0.54666767	0.57228986	0.6148733	0.63261084	0.66058418	0.75324451
0.04017543	0.04810677	0.02591849	0.03266083	0.02331299	0.0285758	0.02769604	0.03102284
0.19500472	0.21082706	0.19816919	0.17919808	0.16047848	0.14147661	0.20741076	0.25506837
1.13175597	1.17188585	1.2709597	1.32766589	1.45076706	1.44961508	1.67456616	1.72217976
0.33279388	0.35212118	0.33308554	0.33597314	0.40228464	0.35205322	0.35698054	0.37384157
2.49230061	2.49143692	3.54751238	2.79153113	2.34637213	2.57453016	2.6307064	2.8429144
0.05917699	0.07459359	0.0774138	0.06498143	0.04940001	0.06199665	0.0305046	0.09614462
21.8378224	21.2202769	19.7995489	20.1967604	15.9983097	16.4948593	16.9892503	16.1613224
18.9181845	22.3941092	23.348137	24.0617472	26.0422843	26.9069122	27.8350674	29.7888797
73.4403552	73.3299987	84.7082099	92.3607992	91.5902725	91.0073145	100.412769	104.454777
8.10710238	8.34870924	10.2333564	10.0135882	9.28973124	9.25262276	9.42941349	9.40352119
48.5434976	53.3258939	52.8829646	58.1540263	71.5090565	68.2317039	82.2711434	83.891697
5.97196698	6.44781788	6.18094554	3.87770015	4.78973504	5.43541316	6.22893997	5.15199483
0.66749749	0.67976454	0.71418477	0.74150298	0.7918881	0.82667228	0.83262174	0.82339423



3.03960721	3.12045315	1.83782919	1.76761206	1.98851408	2.76593837	2.87212433	3.33880426
75.5339984	77.0011566	75.8539587	81.4857427	76.8216158	77.2824193	68.8652903	75.6442967
0.36658539	0.4016823	0.40391169	0.34162277	0.314671	0.37701608	0.32927043	0.3571791
0.89020057	0.93452829	1.70399299	1.73653169	2.24981884	2.17359767	2.29054033	2.2871483
150.881271	146.595761	138.393719	140.637816	144.931112	150.532224	146.293869	154.852437
25.3501139	25.7640574	26.6280224	28.667255	35.9349137	24.8255722	19.7867923	21.8114361
1.03328156	1.20147086	0.98628443	0.7404936	0.85217981	0.85778701	0.97560198	1.18621186
4.87805794	4.91034865	4.37314445	4.27796324	4.49407389	3.78040256	2.02388908	0.57706814
0.08888234	0.10423258	0.04282896	0.04511524	0.05030548	0.0499821	0.05043196	0.12274402
0.00360448	0.00422906	0.00173771	0.00173412	0.00191255	0.00190119	0.00191831	0.00171717
0.00442875	0.004596	0.00207218	0.00317934	0.00277224	0.00319666	0.00361462	0.00297175
66.839732	66.5569911	71.7261975	69.2831105	70.2501246	73.0172194	74.8580342	81.5240148
11.6167697	13.5470145	0.16363894	0.05487555	0.25830207	0.26029911	0.28434064	0.31136699
0.04444117	0.05906513	0.02535967	0.02994701	0.03195219	0.0325072	0.03492568	0.03381512
0.88389533	0.52756605	0.52756605	0.88662807	0.7052268	2.57512502	3.04584109	3.64238221
0.23272993	0.20956252	0.05993307	0.04240702	0.03782196	0.0398626	0.04121255	0.04150874
0.91156296	1.09318605	1.31301716	1.43240224	1.50003903	1.61312621	1.80508572	1.95464651
0.01512828	0.01569719	0.00707733	0.00814399	0.00710233	0.00661495	0.00760815	0.00729752
0.57301546	0.59672791	0.62739716	0.62044036	0.7265263	0.75670178	0.83666916	0.9162439
0.02329273	0.03759319	0.01804649	0.02227124	0.01896294	0.01794918	0.02034762	0.02049385
7.69061265	7.69962081	6.92266929	7.31236601	3.54268249	3.00441008	2.73269762	2.34958943
1.34163137	1.32892169	1.30704096	1.57753917	1.50254573	1.47176779	1.41670271	1.40102157
3.77474771	3.7775679	3.311218	3.7354192	2.7277155	2.5753822	2.14962457	1.43554099
0.18355477	0.22926095	0.09879451	0.09582058	0.11004588	0.1202738	0.12923247	0.11568727
2.39473683	2.540312	2.45429619	2.8046174	3.09160641	3.38924985	3.60109799	3.75474946
14.7942742	14.7960491	12.3989123	7.48839211	3.31980425	3.84065782	3.43353419	3.40779422
0.0679768	0.10525623	0.13378819	0.13366046	0.14310787	0.16188077	0.30049976	0.25057764
0.01669092	0.0195794	0.00977514	0.00965339	0.01076034	0.01249553	0.02653919	0.03223163
27.6487804	27.0106247	25.9236889	27.1094874	29.0059842	29.6281564	30.5506258	30.7015143
0.21917339	0.21909744	0.57291318	0.5281411	0.5281411	0.1717889	0.60357181	0.49089638
0.04737439	0.10505788	0.05052654	0.06236309	0.05639164	0.05391649	0.05574238	0.056143
0.0899145	0.0899145	0.0930062	0.0959088	0.101714	0.101714	0.101714	0.1078974
0.03111794	0.02499721	0.01211051	0.00936521	0.21240707	0.40452193	0.53075999	0.56880966
2.26201025	2.64224466	1.86517394	2.01668115	1.26396114	1.22010276	1.16239044	0.8624227
0.82496462	0.77877767	0.23413374	0.1492583	0.16418586	0.1801692	0.15502395	0.19879494
0.18331729	0.23395808	0.09934603	0.12812384	0.36307656	0.35494269	0.36681366	0.3744184
0.08409951	0.12137001	0.05985175	0.05706564	0.05435996	0.06872819	0.06609589	0.06438781
0.10190321	0.11351255	0.11909332	0.12191336	0.12456881	0.13368729	0.13037348	0.13335811
0.08730633	0.12042276	0.06597883	0.09648149	0.08574093	0.07954235	0.0867374	0.09214012
1.86510391	1.92032195	2.04822694	2.41375904	3.36891933	2.68569566	3.87352392	4.14382167
0.41243279	0.43660352	0.21271829	0.5748579	0.67557075	0.67220513	0.83362063	1.10853752
0.25469401	0.31876016	0.17340356	0.18057934	0.14537884	0.14946265	0.15129972	0.14090027
0.14841158	0.16644008	0.01036062	0.01276442	0.00435112	0.01951934	0.02552884	0.01711554
5.69985042	5.76060081	4.22896605	4.13500523	5.06838579	4.38698013	3.6210393	3.85274285
0.22007937	0.19186607	0.20708745	0.15604212	0.16513903	0.16780271	0.23120485	0.16698943
38.9411204	38.2877736	38.704458	43.8944906	40.9234317	43.0003846	40.2628948	42.4778804
3.84794292	3.38927172	3.87443149	3.86685204	3.61129141	3.478782	3.64762388	3.59858282
0.27847285	0.28603013	0.35277424	0.43633838	0.50948664	0.57289009	0.65870299	0.75828053
1.83906895	1.98056316	2.64549436	2.43018438	2.62271118	2.35656439	2.69667784	2.68371405
1.21860159	1.22420031	0.57591706	0.64802303	0.70094659	0.77353575	0.86705698	0.8492484
8.09064453	8.80039716	9.49971229	9.11725604	8.53563772	8.92161251	9.58660042	10.3513326

0.20524804	0.20524804	0.22928967	0.23564742	0.25073516	0.25692832	0.28102926	0.28705783
4.84682797	4.37441117	3.95781549	4.03420908	4.27121161	4.27661965	4.46202997	4.7758234
3.29280029	3.74239807	3.25871201	3.22166329	3.64397052	3.97284938	4.14851304	4.78664232
0.69036893	0.7209329	0.72855394	0.72312354	0.66093001	0.67641978	1.01237519	0.59021104
0.44426593	0.53489867	0.22264407	0.2170514	0.26584478	0.27186613	0.25722937	0.21626049
103.100136	90.6295815	53.0076531	62.7212078	65.4297572	69.237006	62.6214304	62.2647931
1.57198308	1.59601301	0.61973611	0.71080088	0.62206115	0.58026166	0.56287498	0.54052672
19.9538787	18.8257357	17.1219364	16.5074613	15.9337875	15.6588435	14.8225629	14.2638294
3.33054685	3.27181249	3.65176251	3.7476591	3.94383497	4.01348682	4.06822618	4.23179394
0.11307636	0.1217545	0.12754014	0.13332578	0.14489769	0.15646834	0.16804025	0.18539653
0.19303644	0.22825511	0.0887082	0.08760336	0.09184272	0.09125404	0.07282959	0.06801483
0.0472383	0.22333147	0.09416943	0.07527411	0.09715406	0.10958635	0.13461552	0.13461552
0.22137595	0.26065882	0.13368234	0.1920379	0.1712675	0.20468359	0.21975427	0.21805461
35.1439191	16.3595836	16.6601042	15.5550849	10.3658192	8.79438495	7.35324753	8.58732194
397.298851	399.049365	381.980359	365.553805	259.819324	287.698048	231.462186	214.611812
0.02799006	0.02799006	0.0463864	0.03412169	0.03412169	0.03718751	0.03399009	0.03718751
1.79004212	1.72341473	2.54107129	3.01129261	2.70611492	2.90707267	3.02048861	2.94490733
4.49265615	4.49109925	7.23102469	5.91413013	4.22845643	4.08030318	3.55920876	2.24176764
0.13965053	0.13368127	0.148769	0.17048434	0.16136586	0.15245656	0.17981197	0.19191507
0.16357828	0.29102182	0.29994591	0.29299165	0.31747314	0.27917253	0.27221827	0.31819662
1.28553513	1.41269579	1.31968353	1.24454572	0.72924786	0.74327422	0.75529084	0.61987585
1.8899E-05	2.2554E-05	3.8598E-05	2.9637E-05	2.7325E-05	2.8103E-05	3.4756E-05	3.426E-05
0.03438858	0.04034287	0.01657681	0.01637035	0.01824674	0.01813632	0.01829955	0.01638082
0.20644264	0.21855916	0.10648318	0.13913795	0.08572433	0.08196334	0.08790171	0.09354969
0.14573128	0.15766963	0.1666826	0.17576351	0.20310285	0.23682937	0.24779668	0.31110248
0.21230243	0.24132738	0.10489608	0.07746531	0.06098375	0.0614553	0.06353649	0.06399312
0.01718909	0.02162308	0.00916929	0.00990659	0.00801094	0.00426221	0.00421671	0.00255867
0.00651408	0.00720624	0.00658754	0.00860031	0.00733535	0.00701514	0.00888051	0.00894434
0.0965438	0.1089928	0.05964655	0.06404162	0.05243368	0.05083941	0.04875785	0.04825297
15.1985326	14.1017118	17.1568741	13.0653061	11.2489875	11.0779377	9.25259095	8.99275844
1.02189294	1.02153881	1.96688497	2.50666459	2.07869939	2.39624671	2.17355566	2.44189879
12.3435452	10.8336536	10.573132	10.2399525	10.3861628	9.73735031	10.1664382	10.0929354
0.11576332	0.12212093	0.13146336	0.13461244	0.11286877	0.11607729	0.188884	0.188884
0.09214691	0.10601287	0.04565889	0.06377373	0.05405598	0.05326025	0.05506391	0.0574464
7.1797981	7.43411654	9.06282744	10.487906	8.80327307	7.85063664	6.77344691	7.14959065
0.00108403	0.00112444	0.00050697	0.00058338	0.00050892	0.00047385	0.00045926	0.00044051
0.02983568	0.03629153	0.03658285	0.04439616	0.03787647	0.01731938	0.01953371	0.0196741
0.04093986	0.0472383	0.05652137	0.04707371	0.05022293	0.02187995	0.04707371	0.06281981
6.80648488	7.499989	8.05495985	8.13088875	8.56258171	7.98320964	8.12015072	8.43568262
9.89337233	9.91169998	8.75207367	7.90495902	5.43236299	3.44152975	2.02369983	1.71518438
22.1080544	22.3116624	21.0207987	16.6537829	14.5439219	10.3248036	16.4809806	16.7802544
0.01574847	0.02270985	0.00933143	0.00941781	0.01004428	0.00998549	0.01366202	0.01111758
0.23296573	0.14027761	0.14027761	0.14624687	0.23519011	0.23258063	0.17908787	0.1506589
2.05321545	2.14617536	2.31543491	2.48811989	2.59000722	2.95201807	3.03450313	3.17276819
28.0929598	27.4935579	28.7052609	29.1589403	31.5494127	32.0034584	28.0979772	33.3030379
11.0322228	11.457527	11.7394285	11.6308618	11.2392913	10.5899008	11.3673893	10.9615888
0.32338212	0.33282978	0.34211285	0.34841129	0.31724827	0.23835318	0.23835318	0.63100496
0.02519376	0.02204454	0.04067238	0.0344631	0.04067238	0.0344631	0.02186622	0.02800007
87.6503363	87.9246444	81.4643843	69.4883143	63.3571717	64.4746156	60.6959933	60.1908089
0.97893914	1.00402153	1.01677619	1.04158856	1.11679182	1.13570732	1.12503345	1.15889262

671.54721	671.106533	611.794402	619.235193	612.429139	630.573191	621.617485	625.850975
57.1621922	58.1692899	62.467304	64.0595346	56.6055868	59.2234804	58.8201626	38.3786261
0.00363505	0.0061283	0.00290201	0.00317947	0.00334457	0.00258253	0.00455375	0.00486311
4.77601041	5.12982063	5.05198047	4.09200457	5.36327143	5.15024424	4.65950157	5.30491309
0.00391392	0.00406046	0.00183072	0.00210664	0.00183748	0.00171112	0.00165844	0.00159073
2.26371681	2.18830025	2.68137926	3.2607658	3.45741546	4.22507159	4.70961629	5.26413483
0.02504793	0.02590353	0.01064371	0.009446	0.00534873	0.00531591	0.00536375	0.00480136
0.02073921	0.03126977	0.01284869	0.01268866	0.01257637	0.01405747	0.01418399	0.01269678
0.84128097	0.92186598	0.68670604	0.89955829	1.10632071	1.21477694	1.35023742	2.27168119
12.1409854	13.5271333	14.34619	14.925827	14.7664591	19.6789251	19.0529727	17.9436607
0.35226382	0.49020649	0.33763552	0.24307094	0.25426913	0.219758	0.20424769	0.28962304
1.90360521	1.73789903	2.42869827	2.64388138	2.46048926	2.77337297	2.8666073	2.83294316
4.7668E-09	6.2894E-09	7.9011E-09	3.6462E-05	6.4796E-08	7.8844E-08	9.8529E-08	9.8174E-08
0.21409535	0.0471497	0.03017161	0.03004245	0.02526544	0.02509241	0.02508522	0.02507407
11.7243543	11.8283838	7.33807918	7.79823237	8.24382581	7.964813	7.35883495	9.09198438
0.46022614	0.4494607	0.40875259	0.35095854	0.25375378	0.25364922	0.29567641	0.14099401
0.99568208	0.68453398	0.441839	0.43561663	0.39516829	0.14313887	0.10268963	0.07468648
4.27288165	3.55709336	3.44296081	3.80344914	4.08656679	4.30901833	4.75100729	5.27119914
15.5418651	15.5530275	13.4449535	14.1694566	14.0889946	12.9495174	12.564006	12.1256873
0.16398437	0.16559483	0.17545286	0.13329363	0.05649838	0.02221561		
5.269E-09	5.1512E-09	6.4332E-09	6.1036E-09	4.2753E-08	5.0543E-08	6.0555E-08	5.7389E-08
19.2493585	21.2776626	20.4327923	21.3451464	20.4915037	20.4072364	19.426903	19.8353403
3.78117543	3.55525605	6.11580344	5.85738746	5.53341089	5.84980113	6.41968546	6.59276369
3.66446204	3.66174311	3.72305985	3.74883092	2.91076787	2.35827515	1.64251478	1.49924979
1.2728E-08	1.2233E-08	6.286E-09	6.643E-09	2.5337E-09	2.9117E-09	3.0707E-09	3.08E-09
7.47550618	6.96504909	7.27111987	7.18385156	6.30645266	5.83504994	6.07263535	5.52867606
1.1249E-07	9.0274E-08	9.7363E-08	9.311E-08	6.4279E-08	7.2786E-08	6.097E-08	4.4901E-08
2.8019E-08	2.0767E-08	1.0231E-08	1.0771E-08	4.4877E-09	4.8834E-09	5.4284E-09	5.6658E-09
0.49903996	0.63536561	0.59491946	0.58300874	0.63812176	1.02680339	0.78166955	0.74435462
2.00431326	1.99993612	1.52879054	1.45155687	3.10133322	4.12821755	2.76305425	2.88264433
2.86712682	2.84459581	2.82300525	2.81475957	2.76941498	2.76387022	2.78593081	2.79919884
3.0074E-08	3.3615E-08	4.2659E-08	3.6392E-08	2.1813E-07	2.7201E-07	3.3176E-07	3.4768E-07
0.12092734	0.12113464	0.04528476	0.04028892	0.03453198	0.02992772	0.00322298	0.0037755
5.68614248	5.64492499	5.58828747	5.29075864	3.87839363	2.75610808	2.5932653	2.69235737
2.095E-09	3.0243E-09	4.8994E-09	5.3148E-09	3.0767E-08	3.6379E-08	3.8796E-08	3.977E-08
9.74E-09	1.1557E-08	9.9292E-09	8.4633E-09	4.6476E-08	6.2958E-08	6.8576E-08	6.2445E-08
1.48724273	1.88342192	1.91027481	2.16877478	2.44863317	3.64414051	3.73801242	2.11898915
31.2178599	31.483685	28.0914926	27.8959726	28.4179033	29.9766335	32.5609118	32.7041406
0.00810707	0.00607933	0.02519162	0.02023275	0.02148195	0.02040845	0.01649066	0.01653441
2.32400284	2.20360826	2.44292489	2.92064857	3.14358016	2.99580094	2.82531866	2.98120506
1.4701E-05	1.8035E-05	2.019E-05	2.2415E-05	7.6537E-05	0.00031859	0.00044288	0.00044023
0.00537955	0.00585655	0.00701373	0.0069254	0.00795891	0.00786174	0.00795007	0.00793241
1.1655E-08	9.7007E-09	5.0963E-09	4.9832E-09	1.9592E-09	2.2137E-09	2.3633E-09	2.4664E-09
46.6662973	44.3884474	45.8704146	45.4545581	45.800197	47.5717068	49.8360353	52.5658085
0.55001734	0.45700939	0.41642892	0.53262468	0.54277693	0.61616445	0.70246379	0.68733636
3.57409518	3.75436358	3.36982049	3.38883981	3.5571098	3.40819897	3.77784345	4.2842178
140.386879	174.563873	162.337302	168.776186	167.077638	166.203851	199.872685	197.052764
0.2010582	0.1948345	0.17616558	0.18238888	0.22594998	0.27262183	0.28609092	0.31617621
0.36653208	1.56330433	1.63622192	1.63621563	1.63621572	1.88046662	2.139198	2.27533917
0.0459711	0.04265793	0.09242688	0.05498311	0.03883085	0.04170142	1.10234132	1.04052077

1.70163242	1.70237199	1.70241965	1.70243953	1.70290345	1.7036184	1.70010475	2.14664921
					4.1559E-12		
6.64289886	6.1783088	6.89219691	6.95874136	6.83411307	7.46194738	5.89008845	6.93625927
2.6508E-09	2.2087E-09	1.2847E-09	1.1423E-09	4.7567E-10	4.8036E-10	4.8684E-10	5.0777E-10
3.6173E-09	3.6357E-09	1.775E-09	1.6377E-09	7.9932E-10	8.0689E-10	9.6293E-10	9.7829E-10
0.12825067	0.13068261	0.11833352	0.06242407	0.07798154	0.06553543	0.10894217	0.09976198
3.16354654	2.54036529	2.60093748	2.12717909	1.16321957	0.99877748	0.17823107	0.25427248
3.5935E-09	3.5134E-09	4.5296E-09	4.2302E-09	3.0099E-08	3.3835E-08	4.3798E-08	4.1571E-08
0.08798448	0.08798446	0.08572042	0.08599835	0.08912545	0.07771955	0.11221015	0.09022856
8.33730509	8.1548977	7.35214009	7.15020888	6.86882981	7.56289461	7.85376573	7.04413465
54.8074201	62.5067756	55.3889674	61.9701936	47.1685058	46.4098445	48.3492197	45.6025122
3.3738E-08	6.489E-08	3.2595E-08	3.0074E-08	1.2649E-08	1.2883E-08	1.3416E-08	1.3878E-08
7.0203E-10	6.8663E-10	8.2778E-10	7.8537E-10	5.4988E-09	6.5036E-09	9.6655E-09	1.0714E-08
1.62803211	1.67851814	1.59223412	1.86394016	2.06558901	2.00956377	2.08627288	2.24392287
0.03324848	0.03601953	0.03047715	0.03601857	0.03601842	0.03878926	0.04155972	0.04155969
33.7360949	34.4868859	29.8023709	29.9396185	38.1234471	35.4339929	35.2716094	38.1075818
3.57288704	3.99855523	3.8097368	3.15132209	3.16192714	3.46747537	3.36750549	4.40073276
5.13746378	5.69891135	5.92906344	6.29715813	6.63383461	6.98420444	7.85023597	8.64999289
0.00775794	0.00775794	0.01357606	0.00775798	0.04751215	0.04161748	0.0475122	0.04161749
14.6136498	14.6349697	14.9985047	16.4218736	15.1863557	14.8681201	14.8247933	14.5415927
2.25799291	2.28016816	2.41590889	1.80093465	1.59569559	1.98538115	1.90489795	2.01895688
0.09978085	0.09978085	0.12094299	0.10289216	0.00831194	0.01108277	0.0110828	0.01108278
1.5435616	1.34959965	1.80638816	1.89459336	1.97404895	2.02079338	2.40058444	2.89641018
					8.7274E-11		
2.5808E-10	3.6996E-10	2.2301E-10	2.1158E-10	1.4822E-09	1.7521E-09	1.9631E-09	3.4943E-09
21.7547724	21.3833958	31.2267077	31.9855912	31.4011195	30.6200101	31.0060959	32.4395184
3.44622775	5.14050084	5.24681345	3.84515939	3.83087787	3.84266906	3.84469608	4.32608551
35.5003051	36.4183431	38.5760663	38.6787071	42.1623109	45.2318448	46.3997402	50.2257188
0.00859875	0.00866092	0.00923667	0.14304523	0.14274479	0.11754682	0.2014578	0.10070858
0.05264153	0.05264166	0.04432997	0.05264175	0.05264166	0.0415592	0.05818298	0.04987114
5.3231E-08	4.2668E-08	2.833E-08	2.0079E-08	8.6669E-09	9.2188E-09	9.463E-09	9.7519E-09
1.5546E-08	1.6833E-08	2.1855E-08	2.1581E-08	1.4377E-07	1.9273E-07	2.2379E-07	2.0441E-07
9.8829E-09	8.2251E-09	4.0339E-09	3.7051E-09	1.5439E-09	1.6762E-09	1.9603E-09	1.8982E-09
1.1209E-08	9.4621E-09	5.58E-09	5.1484E-09	2.2624E-09	2.5196E-09	2.5536E-09	2.6652E-09
						1.12817104	1.19751066
2.15781606	2.4283479	2.25983717	2.30728822	2.216758	2.27194903	2.49705416	2.54010658
1.1265E-09	1.1017E-09	1.9904E-09	1.8884E-09	1.3581E-08	1.8569E-08	2.387E-08	1.941E-08
0.08897066	0.08619539	0.08345941	0.08343177	0.08365341	0.05202911	0.05071536	0.05372117
6.2373E-09	7.0387E-09	1.014E-08	1.0535E-08	6.0386E-08	9.3975E-08	1.0529E-07	1.0943E-07
0.63584797	0.24008562	0.01528448	0.28859686	0.88186709	0.90790439	1.05825129	1.00842823
0.04512298	0.03175385	0.02033074	0.0171222	0.02033062	0.00326915	0.00326915	0.00326915
8.70663382	6.42143195	3.79299477	2.73834107	2.15474339	2.27063546	2.2988881	2.39687599
4.7075103	4.28562391	3.75826557	3.55905122	3.87510501	4.16648478	3.94652853	4.00291455
22.7856763	21.8477258	37.3674902	43.6190585	46.303909	47.4376985	45.6676669	51.2587505
32.4923704	32.7301911	33.4760842	34.3223806	33.9614183	36.1392461	42.2359576	42.7742266
0.42871735	0.46425629	0.37018325	0.36326155	0.34180541	0.41313512	0.35038629	0.39941477
15.9066452	11.8446436	33.0857544	35.3302155	34.0795917	32.2742686	36.7395061	35.6399498
13.7330733	14.4980617	12.4404583	10.5238131	10.2061301	9.61730548	9.13820615	9.35140306

2.01954076	2.24657054	2.21544217	2.24343598	2.3181047	2.66352723	2.47059847	1.9821097
25.1612857	26.8308561	25.0198798	23.7050319	24.4188312	23.668252	22.4593105	23.0500387
0.04155889	0.04155894	0.29453763	0.10816469	0.01283507	0.00962611	0.01584916	0.01264051
2.76150592	0.54025646	0.44187889	0.52648626	0.41682483	0.41681712	0.41682465	0.43559925
88.8032668	88.6752995	78.3962489	75.6891592	72.6297546	74.0121242	71.9883459	70.9963079
13.1671178	13.0228137	7.53873863	10.4768792	12.1511759	10.0802091	10.9618139	11.7811014
0.22803762	0.25020224	0.25817317	0.21802133	0.23187419	0.23187415	0.27232344	0.23434696
0.01130592	0.01108778	0.01263662	0.01211849	0.00755727	0.00599989	0.00297686	0.00162731
					4.433E-11		
					1.6862E-12		
6.8757E-10	6.7246E-10	8.107E-10	1.0256E-09	7.1808E-09	1.0513E-08	1.3741E-08	1.0483E-08
28.4239635	30.1386642	21.5799768	21.3349961	16.745444	17.8658815	16.594809	17.0219936
5.87969066	6.90979481	7.13481756	30.0838976	5.26749876	8.50476881	12.7212559	12.0946806
		2.0567E-05	3.2468E-05	0.00018121	7.9309E-05	0.00010477	0.00012418
0.09334494	0.01555743	0.01555743	0.06223008	0.06223			
5.9229E-08	4.0131E-08	1.1672E-08	6.1748E-09	2.6899E-09	2.9923E-09	3.0327E-09	3.1653E-09
9.32316025	8.60166738	12.1881641	12.2534245	13.32244	14.3661093	15.8354683	17.2747017
2.3487E-09	2.2967E-09	2.7689E-09	2.627E-09	1.8397E-08	2.1754E-08	2.8923E-08	2.5742E-08
0.13835644	0.13038533	0.14457942	0.13558573	0.11069373	0.11968745	0.1681858	0.10825137
5.9279E-09	7.199E-09	3.5147E-09	3.2429E-09	1.3486E-09	1.3474E-09	1.4973E-09	1.5628E-09
1.8125597	1.79808998	1.77452741	1.92036476	1.06878097	1.46825228	1.09693974	0.9259089
0.156	0.14898	0.26702	0.30194352	0.35497597	0.34504595	0.27535557	0.10160479
0.07694265	0.07769828	0.08232374	0.16774023	0.16657976	0.1277042	0.09842372	0.10505025
					1.0667E-10		
0.29166901	0.30390134	0.2854073	0.25790754	0.28598587	0.30008037	0.31448651	0.2938677
0.06405843	0.06468754	0.06853845	0.06874041	0.14132979	0.22021543	0.17393182	0.2549562
3.2281E-07	1.4558E-07	1.3539E-07	1.7642E-07	1.7983E-07	1.91E-07	2.6104E-07	2.8539E-07
					1.1082E-11		
33.5377833	34.0668028	33.4381505	36.0276212	38.0517605	44.08021	46.9655753	44.6603343
0.01530373	0.01530668	0.00142502	0.00465323	0.00465379	0.00148423	0.00147188	0.00155581
1.2057E-08	2.0118E-08	9.8405E-09	9.0805E-09	4.0106E-09	4.0473E-09	4.1019E-09	4.2813E-09
0.36938922	0.36009046	0.32658436	0.33456998	0.39295313	0.35913894	0.45361353	0.42369606
0.01056925	0.01036428	0.00900786	0.0254954	0.0268256	0.02257484	0.01603411	0.01530855
0.00042106	0.00046784	0.00037427	0.00039298	0.00037427	0.00037427	0.00037427	0.00035556
7.8407E-07	4.9622E-07	1.9982E-07	1.3169E-07	2.5766E-08	2.6593E-08	2.6952E-08	2.8505E-08
4.8712E-06	8.392E-06	9.2072E-06	1.7543E-05	1.6536E-05	2.2602E-07	2.5127E-07	2.2713E-07
1.9493E-08	2.0854E-08	0.00045394	0.0004636	0.00049257	0.00050223	0.00049257	0.00047325
11.434925	13.416064	12.5243545	16.6701371	16.5293897	12.8450147	15.5313195	11.8496567
1.0496E-07	8.3609E-08	4.1429E-08					
					1.1907E-10		
0.05780503	0.05781035	0.09439273	0.09439373	0.09853749	0.148586	0.0610139	0.06422741
44.2641164	46.5262243	47.0632419	50.3163055	52.7898287	53.8086343	54.600636	60.1296326
0.04185652	0.04807954	0.05707307	0.06329611	0.05396172	0.0570732	0.06018459	0.06329609
12.9611821	14.31991	12.7599332	13.4490773	13.3862512	13.7794296	14.2524484	13.9819274
6.61947122	7.33719166	9.14210522	7.97362067	11.1038656	12.2816836	13.0280728	12.3244288
1.90375655	1.87389045	2.19989707	2.22732296	2.39736705	2.47942016	2.4252395	2.40088505
6.08291421	5.80751839	8.48646773	8.02596486	8.78369518	9.57499027	8.7492779	8.44243301
1.8275058	2.13842321	1.34366647	2.53073044	2.21345974	3.24371269	3.6354924	3.68591638
0.19173234	0.1982962	0.09186743	0.07247346	0.11403235	0.1140323	0.07524393	0.12555217

1.88077008	1.62562302	1.67420554	1.55375772	1.50369349	1.98792591	1.78888938	1.98576472
2.37912277	2.61511328	1.56840012	1.46061418	1.68502861	1.68437704	1.71128776	1.90656278
0.00422606	0.00441315	0.00445981	0.00442656	0.00404585	0.00414067	0.0061972	0.00470982
7.6872E-06	1.0249E-05	0.0199207	0.02213041	0.02345336	0.02389662	0.03142906	0.0230142
19.2492519	18.0533209	15.5403183	12.7085416	12.9152412	14.4178266	16.8953192	19.1824607
0.00018833	0.0001757	0.00098581	0.00264613	0.00135581	0.00300672	0.00221346	0.00120879
3.8610762	3.95704742	3.95683079	4.62593326	2.41224017	1.96842568	1.46255396	1.06850708
1.68488713	1.91327782	1.76583524	1.54860106	1.68214217	1.92567533	2.55067899	2.69019895
0.02540687	0.02223116	0.02540689	0.02223113	0.02540683	0.01905533	2.4062E-07	1.8904E-07
					8.0934E-11		
4.86073024	4.71933705	5.13700237	6.0443044	6.48421694	6.46166358	6.38005302	6.19780698
5.6339E-08	4.9916E-08	2.6036E-08	2.7962E-08	1.218E-08	1.5365E-08	1.6171E-08	1.6628E-08
5.68503816	11.9895721	8.68598393	5.67940749	9.39931839	11.252417	14.7914419	12.7777439
195.339984	195.582405	205.963319	191.468249	191.488128	170.283136	178.033646	186.240672
						0.0041514	0.0041514
29.9335843	31.2535993	21.4486725	20.33227	19.0045203	17.2716476	21.7616471	21.5570183
4.04528711	3.38036247	0.93774588	0.47237415	0.91296778	0.8479434	0.78010801	0.47664029
0.011083	0.00831223	0.011083	0.01385368	0.01108294	0.00554141	0.07871774	0.0606753
0.01939492	0.01108309	0.01939472	0.01108289	0.01662402	0.01662442	0.00554222	0.01662608
4.8066307	5.1063885	8.79039154	9.88505281	10.1336616	10.673172	11.1123859	9.97091919
1.1883E-06	1.1633E-06	1.452E-06	7.1322E-07	6.0037E-07	8.1216E-07	2.0408E-06	2.0787E-06
					1.6085E-11		
5.2539E-08	4.1854E-08	2.0739E-08	2.026E-08	6.0967E-09	6.1526E-09	8.5496E-08	9.1806E-08
0.07126688	0.02770626	0.01939443	0.04739769	0.02770642	0.03324773	0.04432987	0.04710029
4.2282E-07	4.978E-07	2.0106E-07	7.8774E-08	6.9252E-08	7.5173E-08	4.6754E-09	4.8799E-09
2.6686E-09	3.1638E-09	3.5873E-09	3.1956E-09	2.075E-08	1.4017E-08	1.603E-08	9.0257E-09
1.6578E-09	1.38E-09	1.283E-09	1.2523E-09	5.2169E-10	5.266E-10	6.5349E-10	6.8207E-10
0.00098895	0.00119163	0.0025106	0.00367284	0.00502101	0.00355565	0.00447215	0.00555642
5.15322294	5.59459014	5.21070444	4.86258459	4.49508146	5.09039494	4.51996921	4.32099456
5.59892665	4.1466502	0.14325922	0.13259669	0.088183	0.06216902	0.06284427	0.08600363
2.39146738	2.67436755	3.2069152	2.87332728	3.32668265	3.57398603	3.96824766	3.97425941
0.00172657	0.00172657	0.00167425	0.00128708	0.00104641	0.0005232	0.00190446	0.00178936
2.3451E-08	2.0301E-08	8.8925E-09	9.2859E-09	3.8444E-09	3.998E-09	4.052E-09	4.3807E-09
4.47202323	3.71279815	5.20686043	6.03802426	6.87904755	7.82043613	8.36365192	8.31443856
1.683E-10	1.6452E-10	1.9834E-10	1.8818E-10	1.3182E-09	1.5583E-09	1.7459E-09	1.5539E-09
7.593E-09	6.9498E-09	7.1248E-09	6.4644E-09	2.6938E-09	1.3001E-09	0.00561	0.0063393
2.14710997	2.10945178	4.18871864	3.1468	3.79848126	4.32620732	3.95627836	4.37929751
0.00317077	0.00310959	0.00354397	0.00234367	0.00159996	0.00131227	0.00053013	0.00016687
2.82083597	2.84585826	3.00586485	2.67102466	1.39611373	1.89891443	3.38828885	3.42552273
					8.8562E-12		
3.41878413	3.00449573	2.76964795	2.88391451	3.10785474	2.94603398	2.83958179	2.31753618
0.25460653	0.27120999	0.27546234	0.39002407	0.6358888	0.72384121	0.72316022	0.71129261
7.79714812	8.26628312	8.83671248	7.2312896	8.6540045	8.23741058	8.79560085	9.16198125
11.3363277	11.7249833	11.4695209	10.9477256	10.5826487	11.1571005	11.9924579	12.391091
0.04460526	0.04460663	0.0446163	0.04461631	0.04184573	0.04223212	0.04225144	0.04223209
63.3088028	63.7715406	67.0513703	57.1580972	51.5733523	52.281586	42.4737916	54.6257317
0.25365969	0.25892827	0.25833167	0.29639415	0.36076159	0.13314488	0.09208671	0.29006463
297.277932	297.240743	296.482796	285.626311	290.182922	290.221602	291.147294	294.470895
3.62691398	3.64236983	3.77894207	3.80236975	3.53995711	3.30314323	4.91491149	6.52266244

5.6435E-10	8.9666E-10	1.1354E-09	1.0256E-09	8.6632E-09	8.4929E-09	1.7312E-08	1.7155E-08
15.7738722	20.8844418	22.1865683	26.7912533	28.8654399	26.11913	39.9795629	31.2986214
6.0764E-10	5.9411E-10	7.1624E-10	6.7954E-10	4.7595E-09	5.6272E-09	6.3047E-09	5.6113E-09
0.05783432	0.04920751	0.04480699	0.04884112	0.04817552	0.05661489	1.29230995	1.52290842
					4.7147E-12		
					1.2468E-11		
0.38516799	0.38358045	0.38508857	0.38929386	0.3984404	0.39182336	1.44725644	1.21128427
63.320926	56.4469049	62.756028	60.3386178	57.4863476	50.9579021	51.0282263	55.9953616
0.06763543	0.07072238	0.06792843	0.07107107	0.07112419	0.07106276	0.07094553	0.070938
0.72962937	0.26837255	0.2246471	0.24323104	0.2429728	0.19927406	0.16918132	0.16816406
0.00232719	0.00399679	0.00938278	0.00968973	0.00870431	0.00795779	0.00866362	0.0101231
0.38773359	0.34579121	0.74520123	0.70440595	0.41983479	0.39070345	0.43278927	0.35973384
0.79283092	0.8465111	1.76523328	1.62862965	1.7129214	2.19092726	1.62777581	1.79608083
0.00075168	0.00077459	0.00075559	0.0007641	0.00071591	0.00131916	0.00137846	0.0009407
2.45586057	3.10479653	2.14354014	1.41558382	0.75816233	0.54265497	0.46382084	0.49216366
0.7996502	0.65029917	0.54139743	0.54139743	0.54139743	0.4262728	0.4262728	0.42316119
22.7092374	28.3296007	26.6397631	33.3459848	29.5788521	29.5840121	33.9517895	36.0618423
15.8391337	14.7142415	14.1053995	14.6931816	15.7091122	15.0149917	17.5071279	17.2190358
3.62344433	3.55785274	3.80722229	3.99119153	1.3771053	1.99964999	0.63641649	0.50535725
0.00257235	0.00327353	0.00763955	0.00703403	0.0057432	0.00510135	0.00532457	0.00591754
41.0597705	42.2885996	42.8477684	43.1029041	42.8171367	43.7197871	45.416145	46.2112327
10.8022464	10.513458	9.51737027	10.0762111	9.14124213	9.39707385	9.25989958	9.70746481
11.6466037	11.5768008	16.2770463	17.0165959	9.13478988	7.16701656	6.90354099	8.57028906
0.05851306	0.05753118	0.01735711	0.02505017	0.0192778	0.0210559	0.02248904	0.02162799
26.970436	28.4931294	28.0992602	28.9790623	26.7266107	24.6411438	26.5878797	24.8067993
0.02489189	0.03111478	0.03111478	0.018669	0.02489189	0.02800317	0.02178028	0.02800317
0.12880995	0.09766413	0.02825092	0.04061806	0.03414436	0.0353145	0.03975588	0.03978571
1.56760792	1.61104794	2.30685077	1.51201869	1.49464078	1.4652321	1.89761772	3.32151086
18.6378971	18.1571125	12.088153	8.89293567	7.3787722	6.39720979	7.90862684	9.0455082
0.02317485	0.02544684	0.03145529	0.02948606	0.02716358	0.02958706	0.03185905	0.04488547
0.0146821	0.02136185	0.05065882	0.0419399	0.02930299	0.02745431	0.02917121	0.03585043
3.78054638	4.14428265	5.90643529	5.76979674	3.65895209	2.72434951	0.65383438	0.66795946
9.81544451	9.56645691	8.36783704	8.14778116	5.47094567	5.51786534	4.17149675	3.40591221
0.00102281	0.00192188	0.0058181	0.00612501	0.00413309	0.00367174	0.00341132	0.00410084
0.00475514	0.00734436	0.01179112	0.00975347	0.00624331	0.0063544	0.00602983	0.0064389
0.43299101	0.58550657	0.76437567	0.71811328	0.7276824	0.75697227	0.84854706	0.93590806
50.4197104	49.8990524	46.912333	50.3657214	51.2180535	53.4202136	55.3033079	59.2984703
0.00860137	0.01122051	0.02366308	0.02221214	0.01885932	0.0165572	0.01554961	0.01834518
0.11217999	0.12180556	0.12501408	0.13463964	0.16993338	0.1731419	0.18591686	0.20195946
0.03641278	0.03710987	0.03494219	0.03570258	0.03315196	0.03539264	0.06304453	0.06922813
0.55043025	0.54162662	0.50078883	0.48843996	0.68573048	0.63879575	0.47885455	0.40220338
0.05358192	0.0456217	0.01407205	0.01879115	0.01490622	0.01600844	0.01730833	0.01731956
82.1936127	82.5639915	76.3566588	74.3095402	73.3679571	73.2577944	76.418255	77.5389485
6.37054325	6.21785327	6.53847263	6.96610289	6.6384474	6.48377709	6.18248218	6.48532259
7.61870025	9.17295079	6.3791652	6.65526608	7.55200947	8.02185294	7.85616796	8.85858458
770.730717	764.476935	745.203431	778.829158	807.803753	861.535841	903.375646	1070.16558
0.43378474	0.41463053	0.39567078	0.4180332	0.41757783	0.42973287	0.43255309	0.44992426
0.16802003	0.18046581	0.16802003	0.14935102	0.13690524	0.14935102	0.14001652	0.15557391
0.8208571	0.85790321	0.86488366					
0.04667218	0.06222957	0.04356057	0.05600668	0.04978378	0.03733767	0.02800317	0.03422639
0.00195669	0.00179262	0.0037379	0.0026676	0.0041818	0.00408799	0.00582746	0.00617171

10.6573624	11.4711018	12.3694146	12.8824344	13.2528432	14.7254114	15.669506	15.3742903
0.01218639	0.01038742	0.00354724	0.0043076	0.00361913	0.00347377	0.00356548	0.00356561
0.01662949	0.01709864	0.0049013	0.00617582	0.00608161	0.00583507	0.00705219	0.0068696
0.42449194	0.62702972	0.67876985	0.64797143	0.54972719	0.56837862	0.64885473	0.66733715
11.6780968	12.3491323	10.7743318	7.35796338	6.05410209	5.69476461	5.97740983	6.62001819
0.00175437	0.00223273	0.00537896	0.00487512	0.00404335	0.00341499	0.00385115	0.00428654
1.05407177	0.97614088	0.79896286	1.29363012	1.126961	1.19156621	1.21878299	1.23924901
71.5286783	66.3680285	46.6791657	37.0516101	40.0387004	33.0108118	27.3793113	26.5053361
180.568885	180.518932	156.149715	133.60551	124.774816	117.548041	117.943201	116.638353
0.1551001	0.30517565	0.09000161	0.11340527	0.09623929	0.09316276	0.09825407	0.09744986
0.00034273	0.00043634	0.00098301	0.0009051	0.00073868	0.00065641	0.00084988	0.00110477
5.96811354	5.51260219	5.45984959	5.88832289	5.74956495	5.68675924	5.72805903	5.9723085
1.24340284	0.91241558	0.79618784	0.75403632	0.83876339	0.71478068	0.90788057	0.98331056
5.74343955	4.75743946	5.67523118	6.22502506	6.30952714	6.23040279	5.96620978	6.26193588
1.58473281	1.6219395	2.40659856	2.52925774	2.76707616	2.49178629	2.78338787	2.6818119
24.4610335	26.4361818	26.5941711	24.1810475	25.8065045	28.0500094	20.5143633	22.982661
0.04143922	0.04324875	0.0532469	0.05839399	0.02187752	0.04375472	0.04997761	0.05620083
0.03946817	0.03335923	0.01503382	0.01766772	0.01533122	0.01384834	0.01558244	0.01831738
41.9614802	41.6449054	41.050476	42.5806915	39.9941717	38.4481509	41.7466297	42.6182996
4.63523403	4.5047435	3.6016947	3.48826245	2.03411474	1.87762541	1.58358928	1.59458216
0.37218153	0.44407067	0.49649618	0.50321274	0.26359076	0.39232577	0.51425574	0.56491305
12.678909	14.2193609	13.6057986	13.1105653	12.6897858	12.2243372	13.4529088	11.7635329
0.04908639	0.06248068	0.11094365	0.09693174	0.10645625	0.11413098	0.15364813	0.17198868
0.000126	0.00023511	0.00026483	0.00024384	0.00019911	0.00017684	0.00017261	0.00036031
73.2741222	73.3902157	60.5455933	61.0011899	61.3738429	57.4864742	57.1957351	59.3715124
0.58579489	0.287371	0.13768669	0.19544039	0.2723808	0.30799322	0.41075714	0.44896847
87.8443521	79.0179618	76.9585659	78.9875456	70.5781154	71.5831365	72.5588139	69.2089563
6.77202342	6.63343536	7.38878289	6.79947091	4.042496	3.12768327	2.13801738	0.91487913
0.27821489	0.30327077	0.29685372	0.29342146	0.34411629	0.3531673	0.40684627	0.45102677
0.2447135	0.20066326	0.0782257	0.07571572	0.06594173	0.06666693	0.06930421	0.06847828
0.00758964	0.0106973	0.02595308	0.02487134	0.01931323	0.01945238	0.01967762	0.02107789
0.04543365	0.03868219	0.01113867	0.01397153	0.01174645	0.01212176	0.01435641	0.01332903
0.05152942	0.0444996	0.01540777	0.01941435	0.01721338	0.01822041	0.01870143	0.01871547
0.01283408	0.03208522	0.01283408	0.01283408	0.01283408	0.00962557	0.01604261	0.01604261
9.88036824	9.94433492	9.63567444	9.53060949	9.17258566	8.97367523	8.89281558	9.62976313
0.00054995	0.00070011	0.00236364	0.00217629	0.00182444	0.00187417	0.00209891	0.00200141
0.63446512	0.67913352	0.71066674	0.76122734	0.84203665	1.04069354	1.09200119	1.28495115
0.00304508	0.004473	0.01204162	0.01214145	0.00811196	0.00948491	0.00925808	0.01128399
0.4854771	0.39672504	0.36498992	0.37765878	0.35234335	0.37448301	0.4154573	0.43451194
4.15410395	4.00453786	3.04244629	2.21900211	3.76494354	3.02684323	3.35547174	2.97292046
0.68776361	0.81331993	0.75637273	0.75909604	0.78165261	0.76424543	0.77853547	0.74982301
3.69836957	4.0541994	5.37675023	3.69259703	2.94539293	2.78502674	2.9253562	2.67683982
0.21745692	0.19915466	0.18372403	0.21586287	0.22452667	0.13036377	0.01899754	0.13934744
15.9814442	15.7316979	14.0587723	11.7570166	9.4663526	8.87351524	8.38550056	8.29786332
27.8369011	26.0997038	27.8129971	27.664812	29.1469361	32.1905349	37.8386514	46.741339
137.807726	148.039763	149.110341	153.204722	156.65398	154.532552	164.337006	156.700309
5.10860541	5.37299153	4.1179762	4.19680551	3.87712926	4.03406134	4.21246311	4.1820395
30.3479202	36.6727966	37.3467698	45.8962668	44.8795246	36.5128549	41.5203567	43.362189
7.60738673	8.31737867	7.79517093	6.89337752	8.68065619	9.60293001	10.3539498	10.1616317
0.56231687	0.54360479	0.55031535	0.48405594	0.47005501	0.48110337	0.55669419	0.52003744



3.79606957	3.64928998	3.17682325	3.15245783	1.62885946	2.35474535	2.65873641	2.92764172
70.9247114	74.8083804	74.0262147	69.9427482	67.7874232	65.8089233	67.5231195	68.5183533
1.07061177	1.72384143	3.73728798	3.88257349	2.90008684	1.80304608	2.61337283	1.42188708
1.19309821	1.19577279	1.30356356	1.15003729	1.3004509	1.29418361	1.65408598	1.73890844
231.158826	236.40705	262.532023	261.059833	256.54504	255.061641	257.682876	262.694599
79.1605435	76.9522715	80.9727744	85.4625798	88.7009551	75.8184483	60.4279593	59.4432859
1.35251452	1.31891338	1.41397481	1.4039931	1.47645972	1.56718334	1.54506881	1.54557568
7.21968441	7.02575946	8.44587663	7.56017272	3.38452508	2.91855375	2.64878587	0.55836571
0.01956694	0.01792624	0.037379	0.04104004	0.04460588	0.0436052	0.06215956	0.02895251
0.0007935	0.00072733	0.00151659	0.00157748	0.00169586	0.00165863	0.00236439	0.00250407
0.00033568	0.00042734	0.00096273	0.0011819	0.00096463	0.00106104	0.00120827	0.00108092
36.4537001	39.6237909	51.4381827	61.1462178	63.015256	70.9773445	79.1766326	82.785735
7.97986314	10.2415694	4.05835937	0.99353386	5.2559365	7.1695315	6.18296172	6.00567172
0.00978347	0.01015821	0.0266003	0.03433423	0.04112646	0.0486863	0.07165196	0.08174268
0.20846931	0.32670555	0.32670555	0.56006643	0.34226295	0.60175239	1.00263972	1.38913641
0.27228685	0.18873294	0.0322305	0.02328465	0.02046591	0.02163923	0.02221051	0.02222717
1.82995201	1.98142203	2.08240212	2.20403258	2.39708156	2.03191219	2.36865806	2.73793189
0.00114664	0.00145953	0.0032881	0.00302748	0.00247132	0.00219564	0.00254321	0.00265434
0.33915132	0.41315604	0.40223748	0.36648384	0.59954781	0.64962264	0.63239827	0.48731379
0.02725178	0.0338566	0.00970495	0.01222859	0.01026107	0.00974363	0.01096586	0.01097408
6.95726345	6.78793821	6.12708813	6.1823793	3.03416333	1.98041805	2.02849292	1.73588997
5.21991151	5.49560093	5.08250731	4.65757592	4.22387258	4.50181533	3.99519272	2.56708194
2.75503808	2.6921123	2.56270529	1.84447362	1.58215876	1.57542943	1.43356383	1.36632575
0.04040855	0.03942901	0.08906735	0.08721168	0.09764376	0.10499881	0.15929347	0.17092253
4.81113163	5.93661556	5.38352518	5.62862918	5.83303672	4.97914158	5.5490623	4.64157576
1.49348302	1.47436521	2.05233082	2.16583633	1.20240885	1.24757287	0.99752937	0.98674638
		0.00787383	0.00524922	0.00787383	0.00262461		0.20235714
0.00367441	0.00336733	0.00853126	0.00878141	0.0095412	0.0109013	0.03271069	0.04700188
55.5790282	58.1310247	53.2802198	52.0499073	51.7517254	50.0304207	50.9213913	49.3294808
1.09796048	1.20359814	1.63264404	1.41183816	1.36048738	1.11646465	0.89482583	0.87222651
0.05542657	0.0946156	0.02717191	0.03424203	0.03051418	0.02926832	0.03004101	0.03006355
1.13454838	1.10501534	0.96886975	0.95840604	1.12891274	0.75876467	0.9040499	0.94859107
3.11040549	2.96470283	2.81391907	3.42539693	2.64837765	2.40466305	1.82285589	1.95358445
0.06620676	0.08039392	0.1307301	0.12911252	0.14419963	0.19069046	0.19554318	0.19240508
0.2154139	0.21112865	0.13957317	0.15800554	0.27822697	0.26665567	0.25975202	0.26942054
0.00637429	0.01128506	0.02780687	0.02121379	0.01891502	0.02281234	0.02209417	0.02341988
0.12206736	0.13714806	0.16497611	0.19173488	0.19781237	0.26656636	0.23519786	0.24007922
0.11718112	0.11393233	1.16355443	1.21414871	1.2661202	1.31459999	1.36917535	1.38203751
9.52788047	12.582032	14.0149185	15.3953802	16.6858779	17.8214244	18.4309434	20.2439133
0.48253365	0.39320708	0.11439458					
0.50118687	0.57700685	0.41083056	0.42951685	0.38568246	0.37412734	0.50799891	0.48413086
0.02187741	0.02187741	0.05386566	0.04141974	0.03509973	0.05688009	0.03811416	0.0318912
3.96730471	4.23891797	3.82875446	3.72950882	4.39201984	4.04168812	3.45631258	3.15091061
0.29455462	0.25089685	0.32255794	0.24399454	0.25634341	0.23738338	0.30988812	0.2814966
23.6223776	23.7478978	28.546456	27.0460215	26.5503684	26.0817091	25.6706864	24.4455417
7.59132305	7.05883599	6.24407932	4.97033424	4.54952618	4.66100092	5.57704252	5.63636318
0.21098636	0.04197813	0.20383238	0.25998356	0.14636912	0.18960075	0.32978458	0.35108822
5.93569791	5.4819213	5.91709004	6.05291898	6.04176834	6.29080142	6.27115358	5.98349003
0.51282015	0.56799894	2.16004809	5.77595985	4.6577562	3.23007288	2.42775309	3.17386488
15.2232657	15.9284779	16.6733508	16.0487218	18.812683	20.5382566	20.4700916	22.028659

0.4326086	0.45515681	0.50967659	0.61724555	0.64927388	0.69413633	0.74710729	0.81893095
4.84878954	4.21453093	4.07733765	4.59291907	4.16484651	4.59738492	4.27252101	5.35037939
7.92909774	7.45650874	9.34812015	7.2080985	7.57357561	9.22677857	8.54274753	11.642952
0.17584499	0.18362999	0.18557116	0.18418797	0.16834656	0.17229198	0.25786373	0.22236106
0.09780263	0.09199354	0.19431272	0.19744542	0.27527393	0.28421201	0.34066579	0.42081335
56.344535	53.5601387	42.6659862	39.4697554	36.5595555	47.4683128	48.5152593	62.9517887
2.29835712	2.08152461	1.42234618	1.46826459	1.39906922	1.35368727	1.38965361	1.41320578
81.0150692	79.0459917	77.9190312	75.0828234	64.5648424	59.522127	52.8846737	48.3670903
7.67847283	7.99717401	8.06618208	8.31823599	8.14517301	7.7963909	8.55240058	8.19473675
0.1397375	0.12385889	0.1492628	0.19374174	0.24773073	0.14291136	0.33030274	0.26359206
0.04249588	0.03925603	0.07742012	0.07969027	0.08143696	0.07961151	0.08976559	0.09918286
3.17097396	3.03737742	3.12649227	3.23751978	3.42917982	3.5302608	3.61200411	3.69374742
0.25900304	0.2347505	0.07189102	0.10544327	0.09267487	0.11111155	0.11843125	0.11676425
77.3786892	79.5791451	60.395326	45.5161843	17.2033247	15.6554792	26.4766729	31.164581
223.181783	219.375556	251.405958	216.171884	200.221362	174.772761	143.174405	184.807856
0.11837588	0.11837588	0.11189441	0.09274693	0.08626623	0.0733466	0.05727143	0.05722885
14.1583275	15.0185218	28.1701372	28.169482	32.2352131	31.4090545	37.6677346	40.0061685
7.19458491	7.88679478	9.79522256	7.23133188	7.2899678	4.45696186	3.93121278	3.17041635
0.49471164	0.55694124	0.67517748	0.84942036	0.63783972	0.00310464	0.76541724	0.43560036
0.38561766	0.2039931	0.23520495	0.24415119	0.27273681	0.26670795	0.2981139	0.35188251
0.4982196	0.4921848	0.4380666	0.41656578	0.4561683	0.496524	0.53959572	0.4698192
0.00064063	0.00070191	0.00245951	0.00134055	0.00137417	0.00148409	0.0002057	0.00025438
0.00757045	0.00693829	0.01446742	0.01489163	0.01617939	0.01582242	0.02255498	0.02388739
0.24153153	0.19683536	0.05726399	0.07639721	0.04638645	0.04449342	0.0473725	0.05009414
0.50086799	0.49458596	0.50423345	0.55149568	0.73050761	0.7323374	0.77992146	0.79631547
0.2483873	0.21734052	0.05641049	0.04253429	0.03299903	0.03336073	0.03424146	0.03426715
0.00130284	0.00201053	0.00426001	0.00368271	0.00278748	0.00141472	0.00140954	0.00093067
0.00762127	0.00648997	0.00354261	0.00472222	0.00396925	0.00380813	0.00478594	0.00478953
0.00731749	0.01013422	0.45418706	0.65424863	0.65177665	0.6534969	0.65601179	0.66344507
16.7162076	17.0514239	15.8218441	14.299502	13.4272147	11.1584482	11.6385376	10.4441512
2.19459148	2.40573888	2.61690989	2.29764929	1.8381421	1.75090395	1.96746415	1.8441572
11.4100319	10.8538843	11.8784101	11.35432	13.2756921	14.3562155	14.6472979	14.8012258
0.20566118	0.20196307	0.25075708	0.25075708	0.14888405	0.15509345	0.7157898	0.71890109
0.10780905	0.09547567	0.02455421	0.03501658	0.02925033	0.02891208	0.02967536	0.0307615
5.51699668	2.9257029	2.97062232	3.66769504	3.90572032	4.2281227	4.63796044	4.97583307
8.2163E-05	0.00010455	0.00023554	0.00021687	0.00017708	0.00015728	0.00015352	0.00016023
0.03490683	0.03268431	0.01967334	0.02437683	0.0204954	0.00940175	0.01052722	0.01053512
		0.02489184	0.05911812	0.01244592		0.11201328	0.06534108
9.89544869	12.167256	14.7442218	16.4284853	19.1196198	23.5161861	27.7987558	31.8384895
0.46990246	0.46974577	0.73291284	0.65909646	0.32975019	0.46844622	0.63627498	0.67030524
0.00346694	0.00390571	0.00814401	0.00856711	0.00890626	0.0087115	0.01683902	0.01621226
1.54905264	1.64069055	1.70885307	1.23426102	1.26796632	1.19449056	1.3773397	1.52861031
2.48361827	3.15687442	3.38743461	3.08382898	3.41452286	3.08678759	2.90459685	2.92713747
28.2527742	29.7942204	32.7604403	34.5726778	33.1593087	33.1629504	30.3418099	33.6878105
31.2113008	30.8102151	31.9827978	34.034713	35.5909915	35.8709326	36.9251339	38.2031396
0.312153	0.32526972	0.33704484	0.34949076	0.34949076	0.39806184	0.39318048	0.386586
0.1411488	0.12551592	0.13470978	0.13478526	0.13793448	0.15671658	0.13471662	0.17535456
156.610461	154.340031	195.062333	196.800853	188.684829	132.831132	97.2977655	98.1698762
0.61589655	0.58121376	0.55924955	0.57498038	0.58500388	0.54019476	0.49275732	0.49761562

716.46615	671.941405	604.444717	566.876979	517.639262	532.421806	534.85238	486.80174
0.58286693	0.56530655	0.411642	0.3872484	0.30492	0.2652804	0.22869	13.5808417
0.00027552	0.00056981	0.00134826	0.00118195	0.00116377	0.0008572	0.0015222	0.00176887
19.6330204	22.113774	23.514491	25.0718941	22.7512845	25.7908279	25.9001757	28.1294928
0.00029665	0.00037754	0.00085055	0.00078313	0.00063937	0.00056796	0.00055437	0.0005786
6.57675639	6.21791824	5.66076191	6.25276614	6.76777526	7.21132192	7.38507096	10.4364458
0.00551416	0.00445497	0.0092893	0.00859276	0.00474272	0.00463769	0.00661106	0.0070016
0.00456562	0.00537787	0.0112137	0.01154251	0.01115147	0.01226396	0.01748238	0.01851513
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59.0016898	54.9956753	54.1220011	48.8325741	42.887682	35.4177176	36.3609656	37.1816988
1.59600663	1.69996438	1.28957323	1.35037279	1.36479957	1.32810937	0.87285495	0.77785129
3.31565995	3.52708747	4.74171187	4.98930653	4.6027778	3.86464646	2.39568453	2.6293333
0.08886691	0.1199158	0.10910018	0.11831579	0.13581924	0.13607638	0.15541285	0.17063256
0.68665814	0.6121442	0.60498977	0.60530055	0.34161546	0.36201212	0.31508268	0.41584346
0.26048501	0.24492762	0.29159979	0.24492762	0.17258696	0.12523542	0.1750192	0.17190759
0.00035947	0.00037407	0.00040222	0.00042028	0.00044284	0.00044378	0.00045567	0.00046107
1.01126367	1.00090344	0.52574865	0.33287044	0.18665629	0.3204266	0.39197835	0.26442965
0.50717104	0.53206325	0.57251221	0.57873511	0.61918439	0.65341078	0.69697167	0.72186324
11.0959079	11.6707598	12.7688944	12.9718502	13.9706622	16.2447641	17.7452215	18.5249464
25.2031181	24.8510096	18.8080847	20.8843651	19.5974471	20.1429911	20.6108047	21.1607814
5.12790039	4.72681615	6.10044379	7.7996303	4.86637203	0.81306916	0.82107877	1.39234424
0.09822871	0.09821562	0.08883047	0.08588856	0.08961495	0.08723191	0.09551513	0.0997446
116.588637	125.921505	128.641241	131.119727	133.854969	134.751954	136.962518	142.587346
9.80548933	10.8275558	14.3513022	15.3536357	12.3849662	12.1870856	13.1251332	14.4821724
17.0833649	16.5705129	19.827002	20.6146799	21.8939559	21.4921108	16.0863638	15.1504433
0.04024018	0.03264708	0.05061409	0.07429971	0.05442932	0.06082019	0.06084431	0.05859981
22.3708393	23.8647479	25.8963932	26.0201781	25.2879549	25.7946614	27.8055852	28.1033157
0.0222655	0.0222655	0.02547402	0.02547402	0.02858563	0.03179415	0.0347116	0.03169691
0.08858425	0.05542122	0.08238093	0.12047466	0.09640386	0.10200632	0.1075599	0.10779713
4.06187657	4.05668149	4.31391954	4.47054923	5.06317397	5.62576545	5.92798908	6.53786582
41.1628519	40.7423318	44.0897328	38.7482478	36.8781865	37.0832474	33.972879	34.3298902
6.27247389	6.39915309	6.74914982	6.34068548	8.16302118	8.92158301	9.17150864	9.26759103
0.56065679	0.64091962	0.58904577	0.51210451	0.45723417	0.46946228	0.52328914	0.60428638
10.5496644	10.7853694	10.7235276	8.69957238	6.88167838	5.97558666	0.68540183	0.79049015
48.7165439	45.3619813	57.4501713	54.1522879	51.3568786	44.0322264	40.2522871	34.5686121
0.0390576	0.05766222	0.06765112	0.07478899	0.06449139	0.06278594	0.06119418	0.06912277
0.18158182	0.22035304	0.13710364	0.11909407	0.09741855	0.1086588	0.10816634	0.10853257
0.52141892	0.61937438	0.77377561	0.69539666	0.91610903	0.84620045	1.13967585	1.34217372
14.0722341	12.6014905	12.7662479	14.0395053	15.2376904	14.449419	13.7071365	15.67838
0.25326214	0.27756981	0.26863554	0.26367853	0.28073679	0.26694263	0.25950647	0.26625266
1.01818624	1.05088083	1.08824334	1.16736132	1.29368726	1.45131699	1.64179304	1.73984465
0.01274139	0.01123128	0.03173841	0.03497256	0.03281449	0.03883684	0.04394642	0.0541615
1.06087881	1.17139089	1.52321176	1.40348467	1.64825329	1.64010597	1.65824416	1.75014448
0.03684897	0.02588883	0.04103471	0.05573524	0.04208651	0.04624056	0.04682786	0.04692638
99.2277985	108.602444	97.2328621	98.696816	105.307881	95.8221091	98.3770484	102.159395
0.62422301	0.65285971	2.1004969	2.49459112	2.62062355	2.21212187	2.30284135	2.19019172
4.546166	7.31257207	8.30707543	5.80365013	4.23678211	4.54829301	6.50741744	7.32072865
529.454458	577.683239	639.203651	704.106686	780.403894	890.47974	966.372569	1058.49878
0.6984039	0.48702885	0.41167413	0.44959426	0.45970472	0.63325689	0.76354509	0.8186081
0.0449193	0.03850226	0.03529373	0.03529373	0.03208522	0.02566817	0.0288767	0.0288767
0.13359363	0.02557126	0.02557126	0.0222655	0.01905697	0.01594569	0.02216858	0.02216858

0.00320852	0.00320852	0.00320852		0.00641705	0.00320852	0.00320852	0.00320852
0.0156221	0.01373241	0.01206779	0.00891334	0.01423787	0.01505258	0.01322222	0.01321524
7.34433197	7.31345049	7.9492684	8.44812437	9.24369776	9.19297043	8.02201658	9.16425529
0.00838073	0.00589452	0.01034391	0.0127765	0.01021833	0.01003404	0.00964645	0.00966082
0.01143631	0.00970292	0.01429242	0.0183177	0.01717094	0.01685465	0.01907976	0.0186128
0.12980268	0.06368522	0.07010226	0.19407033	0.58745791	0.43432208	0.82138953	0.76334508
11.2351311	11.5996084	11.6156039	10.2679445	8.83602784	9.05583275	10.3121322	10.8031606
0.06699307	0.06698849	0.06254497	0.05952739	0.06309117	0.05839551	0.06908408	0.07225291
1.38391212	1.55728786	1.68864198	1.75439828	2.05213829	2.18921174	2.27984142	2.09569161
53.6507396	56.7259441	66.9810753	65.684864	63.9070283	62.7556256	62.918362	66.2360583
393.463343	397.609642	381.477747	377.758458	362.54503	352.425486	352.0216	348.93652
0.10666432	0.17317726	0.2624487	0.33636423	0.2717239	0.26910168	0.26582732	0.26403492
0.01308775	0.01309163	0.01143018	0.01105163	0.01152614	0.01122449	0.01524567	0.01862174
27.8216716	23.1887869	25.2001769	34.0379984	28.861977	30.4360062	34.5103907	30.7339076
4.07303937	3.71578932	3.2443302	3.61534691	4.34923077	4.00693405	4.90529638	4.95541875
10.401021	10.3946593	10.2249988	10.5944408	11.0301156	11.5284501	12.346545	12.5475284
0.70745763	0.81773122	1.20170462	1.62233664	2.01805956	1.45693716	1.41677927	2.62165699
21.2673994	21.4910053	22.3810928	23.824608	24.5447552	24.3597431	23.2668468	23.3168325
0.09559301	0.09559301	0.09929491	0.14757135	0.25435936	0.3092922	0.30209888	0.29606981
0.0254574	0.01914757	0.0301666	0.03716665	0.0312481	0.02926337	0.028373	0.03054875
49.6341171	65.5567114	65.9439399	66.6028916	75.7990969	65.9064243	67.3522247	76.5451058
23.1462337	20.0502324	28.2491908	25.8390888	19.5503161	14.9272099	15.4703121	13.3856897
0.06600403	0.06600403	0.0653165	0.06050372	0.05775338	0.06737895	0.06096191	0.06417043
17.320572	16.1166222	18.1566779	19.7334749	17.394102	20.4851944	24.9722047	22.9312564
0.28119788	0.29295811	0.28298451	0.25403105	0.28697954	0.32813958	0.29128737	0.31768298
0.00481143	0.00705387	0.00307933	0.00297735	0.00310678	0.00302392	0.00309639	0.00607323
39.3085053	52.1570096	47.0901263	57.2644198	46.4307782	34.378973	33.4075771	38.0991482
0.25299446	0.22780652	0.26638439	0.27704266	0.28429041	0.30075972	0.22411805	0.29249103
214.652116	212.302535	219.495704	216.818654	213.683062	190.493982	182.088808	178.784374
14.4412752	13.2807292	17.1132647	11.0565274	8.81617474	6.11331974	4.52401013	5.37258094
					0.01925113	0.02245965	0.01604261
0.05572798	0.06192009	0.05882404	0.06811188	0.07430398	0.07740003	0.08049609	0.08049609
0.1682926	0.11386987	0.22810962	0.22457562	0.18618119	0.19256817	0.1875032	0.18553805
0.28982107	0.32095111	0.30177471	0.30368988	0.30135728	0.33263114	0.35298794	0.35528395
0.0312453	0.02195088	0.03248085	0.04144007	0.03316516	0.03501383	0.03884141	0.03611427
0.03543744	0.02525207	0.04492975	0.05758367	0.04860059	0.05262987	0.05059691	0.0507085
0.01604261	0.01604261	0.01925113	0.01925113	0.01925113	0.01925113	0.01925113	0.01925113
31.0365219	33.9785332	34.9719091	34.1643707	36.78496	36.8010069	38.0683996	39.7464462
0.02100073	0.02100537	0.02748367	0.02657346	0.02846801	0.0320478	0.03765143	0.03373527
0.21168046	0.17414543	0.16413214	0.21430507	0.82334448	0.85925636	0.94142051	1.05372228
0.11628063	0.13420341	0.14001638	0.14825247	0.12657627	0.16218973	0.16607649	0.1902002
0.45064534	0.36493309	0.3490652	0.34907652	0.33641865	0.33640735	0.38384012	0.41237686
22.2537053	23.787692	25.2943692	28.3054838	30.2811476	31.1250754	23.2720775	24.5350698
0.03850226	0.03529374	0.02245965	0.01604261	0.09499416	0.16363491	0.32455267	0.90074692
11.392964	12.3559526	4.39270075	3.10690323	4.09949915	4.25372693	2.92835118	3.4494633
0.23666078	0.25328551	0.2460922	0.2144922	0.1327198	0.07924261	0.02566817	0.16363491
25.7325072	24.6245607	20.817772	21.6495943	22.2070002	22.3476119	21.985175	22.3429642
17.3168025	17.997656	22.4928039	25.0180663	25.4058512	31.7778882	31.8612031	35.4917106
181.939547	201.012718	215.751155	242.135472	261.893643	289.353154	301.616081	345.827131
10.2179231	10.5378039	10.6751399	11.2423326	11.973309	11.9889614	12.4400123	12.9533698

28.5899812	30.9111427	35.9157675	38.449605	38.7239652	44.9536513	48.7587802	51.8688597
14.5162846	15.7143154	13.799303	12.0248503	26.9062796	43.533595	51.3471708	50.3986182
0.00315671	0.00315671	0.00315671	0.00315671	0.00315671	0.00367309	0.00367309	0.01005179
15.9438358	16.8552785	17.5550054	17.8691164	20.5507424	21.7203766	23.5941735	25.3609677
110.084884	118.076842	123.981467	121.233823	120.31801	116.384682	119.163263	130.780242
2.40555626	3.07383338	1.88018974	1.96060278	3.61007557	4.75042415	4.03593665	5.23113935
2.85524744	2.86855177	2.99598422	3.27386151	3.99948937	4.1350824	4.26244841	4.72762483
328.272606	341.813287	389.686092	390.884833	396.164357	378.508757	418.69746	407.640645
102.819338	101.55899	109.681488	108.660831	105.096259	96.4712901	100.061884	74.4794522
0.27088686	0.26777557	0.16626683	0.18814435	0.21925914	0.24745678	0.27312527	0.26029118
3.64458766	3.78083993	3.92262028	3.92739442	2.70976519	1.51784362	1.19190614	2.20147699
0.15622104	0.13732411	0.12067792	0.13712829	0.15187061	0.16056084	0.14103703	0.16100745
0.00633528	0.0055717	0.00489631	0.00527087	0.00577393	0.00610733	0.0053647	0.00536186
0.01281824	0.01282147	0.0111943	0.01443152	0.01505171	0.01814352	0.0216747	0.01821969
45.1061437	46.7107311	57.2740755	66.1893213	76.2514914	84.6496855	95.9024527	106.624176
17.8329783	19.0874011	16.3042981	4.43333847	10.162224	11.5468003	14.1165433	13.5619901
0.07811052	0.077817	0.0703369	0.0893236	0.09873144	0.10947097	0.10224972	0.10907292
2.80033215	2.78166315	2.78166315	3.11147998	2.55619562	3.18926695	3.53080931	3.61816655
0.18725515	0.10709981	0.09398558	0.06906312	0.05778385	0.06250516	0.06009074	0.06022327
8.56538689	8.09244192	8.00220885	8.00220885	8.00220885	8.31820948	10.364934	13.0387891
0.04378612	0.04379043	0.03823301	0.0369668	0.03856161	0.03754498	0.04562152	0.04474088
0.18357144	0.04375482	0.00622296	0.18648882	0.68109945	0.2973375	0.28306501	0.24610028
0.0187414	0.01921252	0.02830006	0.03627044	0.0289713	0.02814458	0.02966823	0.02973366
10.3936413	10.0183135	12.0841637	12.9265542	7.63778944	5.97160182	6.30770394	5.63418545
1.42248244	1.61028061	1.73090232	1.85537816	1.75134767	1.77075086	1.39143336	0.90771124
8.56027713	8.26775068	9.81775535	8.76924022	7.01091698	5.27559467	4.41834049	4.04665357
0.32261884	0.30204622	0.27765843	0.29123662	0.33223664	0.38638093	0.36141042	0.36147238
7.44686976	7.17339018	7.64687793	7.59558564	8.1386203	8.96551276	9.90308205	11.4030217
12.2251868	12.0778686	13.6560205	12.6639685	13.1245434	10.4947109	8.06806636	6.19809197
0.19890367	0.2021122	0.19248735	0.19890367	0.19248735	0.19248735	0.19890367	0.22758705
0.02933623	0.02579542	0.02754313	0.0293416	0.03248512	0.04014021	0.07421898	0.1006433
61.3888042	64.7610554	63.9639249	73.6734023	72.5854571	75.178669	88.6393086	83.2609288
5.05627676	5.02690354	5.62017264	5.66895632	5.66895632	5.89985081	5.92099754	6.06506273
0.03811756	0.05369128	0.07923449	0.10156314	0.08615434	0.08454187	0.08127623	0.08145549
1.59759222	1.77820254	1.7708805	1.6073577	1.54138398	2.11077324	1.81145196	1.57990992
1.48279752	1.44280944	1.27112244	1.29203778	1.32848007	1.55182506	1.74786915	2.07219039
6.92219438	6.55475133	6.61770854	8.24197085	8.00737002	7.21684604	6.63727896	6.59205672
0.47953351	0.48189851	0.11129366	0.12548082	0.0901479	0.05940952	0.02597118	0.02632461
0.14753321	0.11981351	0.15469903	0.20764831	0.56593124	0.56635538	0.54289072	0.55206386
0.24341105	0.33858579	0.32333005	0.25902961	0.29514372	0.39008561	0.39633734	0.39475995
0.30331122	0.34565934	0.43705653	0.48561183	0.4979907	0.52776381	0.59877027	0.63497973
0.07081752	0.0647157	0.08915398	0.14373096	0.29849378	0.29315232	0.29801154	0.30452917
9.97728717	11.8484133	16.0866833	18.9833647	19.3390796	21.7827024	22.8004051	26.3959123
0.33184456	0.22313223	0.33357965	0.06586136	0.03249251	0.21339638	0.23149665	0.04444477
0.34916184	0.33439154	0.42363917	0.48526775	0.4844276	0.54063416	0.47457013	0.46990691
0.13711011	0.11906083	0.22280062	0.21638356	0.19835506	0.21598639	0.20476173	0.22037604
6.30405444	6.05160444	5.69874477	5.03827077	5.42964645	5.73166857	4.95938325	5.38232103
0.51747618	0.35811135	0.50775354	0.54499425	0.7162227	0.67645281	0.77922282	0.88744527
44.4266637	45.6476579	45.5499339	46.4519313	47.3069479	48.352993	51.6771229	54.8678914
0.63155012	0.58665557	0.39358324	0.49668061	0.45041529	0.49318684	0.57726768	0.51521719
0.02045753			0.0274801	0.04465516	0.05496019	0.07213525	0.03091511

3.41160435	3.35884757	3.53819498	3.94856602	5.03520656	4.18814055	3.44433998	3.23129247
3.13448907	3.17858001	3.45390243	3.60780693	4.39706091	4.98126798	5.3042973	5.43303627
12.2758062	14.5130612	15.4769434	17.132968	19.7838573	21.874177	22.0731191	24.9956091
0.37959468	0.41741769	0.45815808	0.73866477	1.08198336	0.94314312	1.02131832	1.12690866
2.65069344	2.65661175	2.56256472	2.24416125	2.85610365	2.6679795	2.50744122	3.04139571
9.72083337	10.4169017	9.20534029	11.6374752	12.1586603	11.313816	13.8139421	16.3727294
0.43813155	0.45752849	0.46236505	0.45891874	0.41944861	0.42927895	0.64248765	0.62413087
0.78084901	0.70471713	0.62733771	0.6597302	0.72589785	0.76744771	0.66423891	0.73004041
240.933666	237.774195	222.495165	217.892509	209.03668	194.422895	190.045607	173.790162
16.6303436	17.8045926	14.52454	14.8427118	15.7048763	16.2984625	16.8453421	17.3182591
17.2838072	18.8889836	15.9803394	14.8177729	13.6800539	11.3883077	11.9667944	11.2893893
8.04356945	15.1954406	15.0569372	15.9106215	18.9320728	17.37667	16.785191	19.5301408
0.06353158	0.00317667	0.00635333	0.00953074	0.00953074	0.01270741	0.00635333	0.11119076
0.33928398	0.30072104	0.24995051	0.26627143	0.27727017	0.29314145	0.20367379	0.2123764
5.42610981	5.9845797	5.21425377	5.39000946	5.25202029	5.77262268	6.31256274	6.7949442
0.1781197	0.13321327	0.2096374	0.31274863	0.26166005	0.32094696	0.32041686	0.31636616
71.7789138	76.4623365	74.0338008	64.0754933	80.6958953	77.1066891	61.4406234	62.2155856
1068.07232	1079.56	1176.51684	1209.70817	1171.15196	1057.62886	981.960238	916.556092

52.9553373	54.9001854	57.9327402	61.2559922	67.3801498	75.2021428	77.0779073	80.2234535
39.3716286	38.8472282	40.4105048	35.7955349	34.2108592	31.4813937	28.7894837	36.4045544
0.54527939	0.43355725	0.49773377	0.56832136	0.49607799	0.87975452	0.6630304	0.87635788
0.85550103	0.88513968	0.84908865	0.83094054	0.92754411	0.94542393	1.00699929	1.00679877
9.72616938	10.1088814	14.422674	14.0750691	15.4117744	19.6155504	20.5283638	20.9688003
0.00060167	0.00062033	0.00213993	0.0012762	0.00117633	0.00113615	0.00133321	0.00152104
0.06044192	0.05315084	0.04670798	0.04975786	0.05508632	0.0582605	0.05117617	0.05114915
0.16610432	0.11169766	0.16698433	0.22659695	0.1309684	0.12851975	0.12816674	0.13572727
0.23851057	0.17210174	0.15012731	0.61761396	0.61401747	0.80409713	1.1623848	1.30832732
0.17081912	0.12333368	0.16449549	0.12615828	0.0931701	0.09636284	0.09264058	0.09284491
0.04975075	0.06032188	0.04953416	0.04496754	0.04349486	0.02419136	0.02528508	0.01568715
0.00524125	0.00368285	0.01033042	0.01400627	0.01120685	0.01099984	0.0129484	0.01297696
0.27942883	0.30405709	0.32222149	0.29069464	0.28468507	0.28855298	0.29237155	0.29583766
14.4415605	14.1418156	13.3389265	13.3521029	13.0356467	14.5477349	12.9325516	14.6443701
4.01621412	4.25349454	6.24951255	5.39219005	5.90717278	5.99560066	5.59357976	5.87066087
9.7658012	8.33414069	8.11991533	10.3535899	9.56359256	9.84434522	10.4521974	9.7415243
		0.26847493	0.24406824	0.20745778	0.1025088	0.09762722	0.05369459
0.07414166	0.05417934	0.07160116	0.10386047	0.08258595	0.08351287	0.08028697	0.08334655
4.9066791	5.36874387	6.48019611	6.56380458	6.92692446	7.14383082	8.90638161	9.81690441
0.00313752	0.00313685	0.00273875	0.00264805	0.00276316	0.00268947	0.00275392	0.00270076
0.02400587	0.01854728	0.05736834	0.07230259	0.05786713	0.02715705	0.0284815	0.02854432
0.04812795	0.03850236	0.06737913	0.0962559	0.04171089	0.0641706	0.10588149	0.05775354
18.0130627	20.4528773	28.0034822	34.2217761	37.3324574	40.397175	44.8607417	49.0419511
1.39526012	1.49445951	1.53429012	1.534896	1.69166745	1.28587932	0.7184727	0.56452869
9.16001036	9.81126338	10.072755	9.017514	4.5112815	6.4092006	8.7054858	9.1715085

0.02767977	0.02991972	0.0262929	0.02862553	0.03032334	0.03207705	0.03820693	0.03471467
2.53405137	2.5222872	2.54724816	2.7895536	2.91592614	2.90295021	2.91594897	3.07746648
3.83203095	3.82293198	3.81266469	4.2369084	4.48419033	4.52090952	4.57239123	4.5364524
20.7598081	31.1404908	33.8238486	35.5673007	38.5451951	38.3583186	44.2659985	45.3047434
34.7398085	41.9515364	41.5839123	48.2801987	51.6060263	58.8401063	62.9681853	68.6603985
0.24063975	0.24384828	0.25026534	0.25026534	0.25026534	0.30933525	0.40049046	0.55066065

0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853
302.010393	301.10693	333.159484	304.506057	260.401336	247.261353	207.384544	191.150117
1.18461922	1.49070227	0.31831211	0.67111696	0.8007731	0.5443974	0.09155034	0.34057505
1781.86898	1878.21264	1900.5838	1929.9068	2021.37786	2079.39092	2108.52123	2167.45963
39.4632893	40.2590987	43.8052232	43.7909679	45.095002	44.2425955	39.0368724	33.8914173
0.010521	0.01709611	0.0156772	0.01443212	0.01815911	0.01465784	0.02730609	0.02981561
17.883924	17.6593981	16.7515085	12.8353719	13.0856849	14.4540261	13.3450106	13.6061924
0.01132814	0.01132746	0.0098899	0.00956236	0.00997648	0.00971192	0.00994466	0.0097527
8.09408934	5.62675515	4.88007031	3.63238341	3.04576575	2.78427955	3.72012103	4.48715585
0.04402465	0.03412733	0.02999047	0.02871124	0.01614764	0.01707665	0.01500017	0.01499225
0.03645158	0.04119723	0.03620337	0.03856733	0.03796765	0.04515774	0.03966667	0.03964572
1.16590215	1.18563858	1.25409702	1.77012921	1.93036749	1.83167358	2.00016699	2.31414708
131.262602	137.006228	143.458424	142.994594	145.299786	155.650383	159.442932	167.155389
0.13702252	0.10866129	0.09312849	0.09146948	0.08913191	0.09229243	0.07073099	0.05904505
6.1444942	6.81870367	6.81614947	8.54934038	8.65221259	7.88992992	8.38955464	7.32920373
0.00081247	0.00090862	0.00090505	0.00105377	0.00109856	0.00119033	0.00129213	0.00123073
0.18759735	0.20194159	0.14707885	0.16000402	0.16919202	0.14836381	0.13099078	0.12330756
0.16811513	0.1531953	0.15598796	0.15998432	0.18435034	0.1339405	0.15568867	0.1554901
1.1374E-05	1.1961E-05	1.2515E-05	1.3014E-05	1.3486E-05	1.3914E-05	1.4322E-05	1.472E-05
0.61845514	0.66518709	0.59888383	0.38624157	0.16010035	0.17676177	0.19426145	0.19003974
0.00161126	0.0016219	0.00162817	0.00163003	0.02323686	0.04236986	0.03741973	0.03802185
2.11460034	2.25043177	2.44238034	2.69584325	2.81167772	2.91309293	3.34913128	4.15289526
4.3008079	3.73313485	3.27215865	3.50638517	3.69701926	4.04278834	4.41160689	4.28939783
0.86682841	0.78929359	0.69601349	0.71600061	0.20841542	0.12310196	0.08558968	0.1305315
0.00087508	0.00087578	0.00086306	0.00093184	0.00092066	0.00096026	0.0010019	0.00094573
10.6558965	11.5211919	11.1855406	10.8914592	10.7889797	11.3456352	12.2012279	12.1696091
5.74194089	5.70964227	4.79154868	4.65839941	4.58593684	4.44766472	4.56756895	4.18460215
0.5952812	1.026764	0.84611922	0.83915398	0.62245488	0.50114546	0.36096836	0.25400285
0.01410524	0.01448568	0.01344715	0.01401861	0.01393337	0.01619164	0.01648785	0.01545004
7.13811924	7.08910899	7.67455154	7.45452246	7.98525597	8.12610636	9.90604957	10.538267
0.09783751	0.11888567	0.14008141	0.14850635	0.1697293	0.17449702	0.17448976	0.17437923
0.02362241	0.02335995	0.02200774	0.02322764	0.02305121	0.02350984	0.02432524	0.02475254
1.79998152	2.09213159	1.9257025	1.73183922	2.34220018	2.41445199	2.63053772	3.22257271
8.68857942	8.23987615	7.54258829	6.22090019	4.98299882	4.48804672	5.40869254	6.48152664
1.16116986	1.10729942	1.27683305	1.24023553	1.38884699	1.70886939	1.6756547	1.74317145
0.00585308	0.0061341	0.00609718	0.00633235	0.00598695	0.00625975	0.00648538	0.00630771
0.65012066	0.60124426	0.56086327	0.50852709	0.28648357	0.24490203	0.2298213	0.22886546
5.09402659	5.00122886	4.87955028	4.71693322	4.43974088	3.40668555	3.01562492	2.92050757
0.00149166	0.0015623	0.00161837	0.00171726	0.00166836	0.00170385	0.00171201	0.00170291
0.00132966	0.00145003	0.00123481	0.00128414	0.00116797	0.00125353	0.00125132	0.00116288
0.21412207	0.23233384	0.23732054	0.27666258	0.28099028	0.26864872	0.3314412	0.36812093
27.1403833	28.0473801	27.2015303	27.3761616	26.3244993	28.8271979	28.2991895	31.6396906
0.08602973	0.10350866	0.09751697	0.06731366	0.03472187	0.03133667	0.03538334	0.03555594
0.04141841	0.0433678	0.04383504	0.04314205	0.04715661	0.04921416	0.05269042	0.05565073
0.06107649	0.06310538	0.0638387	0.06581087	0.06898881	0.07309773	0.08546856	0.12524856
0.00666203	0.00804743	0.00822518	0.0502328	0.09099711	0.09306766	0.12441425	0.14386111
0.00822421	0.00818439	0.00737204	0.00766503	0.00763621	0.00785821	0.0080863	0.00826093
26.4745263	26.5431666	24.6497986	23.7488564	23.7023153	25.2406213	27.0025516	27.9821155
3.81869892	4.01701322	3.9483261	3.60504333	3.38366225	3.12542191	3.23458543	3.07121735
1.98691431	2.41839039	2.47874678	2.45781831	2.7132379	2.87224729	2.79224835	2.83487211
220.923474	224.074409	231.113836	252.195122	284.857136	314.247176	345.748091	371.671923

0.34204829	0.34027628	0.25078172	0.25130559	0.25631309	0.252656	0.25315858	0.28593233
0.42289406	0.44572574	0.44989527	0.44395768	0.43716116	0.44387937	0.43516632	0.39883947
0.37241126	0.36378564	0.35821664	0.25351336	0.21206839	0.19267193	0.18713046	0.1535733
0.04486396	0.05974876	0.04626972	0.0507342	0.06013777	0.04726271	0.05599045	0.04978597
9.4074E-05	8.8322E-05	0.00010121	8.4303E-05	0.00011347	0.00011789	0.00011865	0.00010228
4.16702534	4.28935509	4.15303412	4.16073571	4.33455781	4.75758605	5.32484571	5.3085298
0.00127065	0.0012578	0.00105926	0.00111829	0.00109974	0.00113361	0.00115553	0.00117486
0.00125597	0.00130828	0.00092745	0.00099594	0.0009712	0.00100073	0.00103563	0.00103121
0.15655031	0.15884947	0.24555978	0.32406883	0.32073149	0.38643721	0.42764981	0.43758912
2.1712574	2.24174484	2.30658024	1.450212	1.06851087	1.04213562	1.04754615	1.2047644
0.00039618	0.00040858	0.00041431	0.00046522	0.0004647	0.00048333	0.00053262	0.00049425
0.44828611	0.52042778	0.69912381	0.66471708	0.67434082	0.73929514	0.77859515	0.74651316
8.58411486	8.1976167	7.6117805	6.17091291	5.77732827	5.38426488	5.8750108	5.73633622
51.876024	52.3894813	47.257532	43.2472981	42.7968899	42.7343929	40.2891712	38.3867808
0.00576662	0.01082797	0.00387813	0.00484271	0.00364215	0.0037916	0.00365649	0.00335425
0.00032493	0.00032428	0.00032042	0.00032892	0.00032766	0.01808454	0.02323952	0.02468198
1.2079541	1.35334396	1.19376059	1.40056927	1.57151961	1.5606865	1.6369475	1.70414031
0.6019752	0.59871626	0.5134027	0.5647876	0.61464574	0.56316345	0.56134382	0.62020754
4.19855851	3.75942456	3.91679078	3.92495709	4.64436099	4.42609246	3.76156317	3.67750725
0.91740183	0.67267014	0.76301821	0.75092639	0.85745264	0.89146922	1.00179677	0.92687031
7.03131239	8.06844946	8.76204553	11.1608814	11.9340934	9.92054416	10.4384871	11.0371816
0.02569946	0.02624295	0.02632199	0.02657909	0.02721764	0.02793224	0.03042956	0.03272439
0.00151979	0.00144967	0.00081587	0.00094682	0.00080958	0.00082227	0.00081786	0.00087545
20.5654614	21.7538817	22.2501071	21.6960526	20.1400008	19.0066981	21.7684257	23.4530152
1.0836106	1.02222256	0.91942785	0.90537305	0.65132833	0.34559782	0.75329944	0.76858524
0.29398675	0.29866299	0.27079091	0.25263311	0.24172938	0.30425095	0.34541876	0.41019793
2.13942357	2.16895762	2.27736393	2.16280137	2.04787226	1.9625324	2.03722199	2.04246993
0.02732153	0.03432863	0.04463209	0.04527792	0.04873464	0.0467559	0.05445976	0.0534192
3.9574E-05	4.6561E-05	3.6322E-05	3.9382E-05	3.9721E-05	4.1904E-05	4.3409E-05	5.0734E-05
31.302219	30.5046341	30.9329645	31.0891527	29.9268461	28.4855852	28.9249952	28.6044514
9.9513E-05	9.9793E-05	9.9626E-05	9.9007E-05	9.7902E-05	9.6663E-05	9.5533E-05	9.7664E-05
0.07138794	0.05314425	0.05334101	0.05364339	0.05321736	0.07113725	0.06677852	0.06830089
21.8669945	20.6253678	19.7429477	19.2087767	17.9705338	17.7106283	19.1517367	18.9321289
1.04774153	1.03825209	0.99086015	0.96102705	0.90862268	0.65689588	0.31486496	0.28198993
0.47851905	0.5577196	0.61417102	0.64568031	0.76961512	0.83928032	0.84901745	0.85984666
0.00067573	0.00067508	0.00067464	5.7054E-05	0.00067455	0.00067476	0.00067502	0.00067523
0.10501128	0.10668811	0.10307572	0.10518489	0.10844607	0.11434953	0.12113971	0.12623868
0.11319308	0.10143254	0.1343034	0.15404471	0.13197645	0.12395126	0.12559134	0.10184409
0.00320601	0.00314098	0.00231536	0.00249706	0.00241372	0.00251902	0.00260019	0.00259767
0.003741	0.00364223	0.00274926	0.00297661	0.00283425	0.00297084	0.00299217	0.00300121
0.00084752	0.00086911	0.00151023	0.00153636	0.0015641	0.00161193	0.00167977	0.00172104
7.16148924	6.90019128	7.2829152	7.07967252	7.0048351	6.71106332	6.68994577	7.16016194
0.00038208	0.00038192	0.00040388	0.00042441	0.00042254	0.00045017	0.00047252	0.000431
0.00053667	0.00054022	0.0005427	0.00054396	0.00054409	0.00054349	0.00054344	0.00054267
0.48721129	0.51344824	0.49219588	0.48133968	0.37435951	0.54715339	0.59130593	0.61973223
0.00067388	0.0007474	0.00079857	0.0009602	0.00084153	0.00103929	0.00106389	0.00100139
0.00169173	0.00168335	0.00167512	0.00168229	0.00169808	0.00170378	0.00171891	0.00171801
0.9565142	0.96099151	0.82797153	0.76060419	0.74754892	0.79788888	0.90161018	0.87065881
0.1306929	0.15402254	0.15557292	0.18708253	0.18022264	0.16925281	0.16922205	0.17044361
4.18541656	3.97064584	4.19392377	2.9491027	2.06036195	1.92081074	2.11289962	1.9252126
0.24548631	0.22660762	0.20725306	0.22017059	0.22156553	0.22589206	0.22502092	0.22412688



5.48315031	5.44127592	4.72087129	3.30729597	2.71777579	3.07105736	3.55500975	3.74556335
12.1546443	14.3841884	15.3786022	15.352416	14.4118637	17.9056103	20.9217607	22.9881046
36.6094332	39.2889728	41.4144136	44.9794356	43.9769707	46.6664312	50.0048411	53.4087969
1.8751165	1.75825222	1.91189037	1.83728794	1.69783221	1.6480775	1.94967986	1.87109644
7.25040215	7.71726554	9.01222271	8.84610857	9.64056467	10.4779497	10.3631734	11.7335123
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1.74137852	1.762543	2.33548145	2.4918832	2.79613942	3.02638805	3.1588339	3.23819216
31.0373735	30.9065444	30.0199258	29.2978348	29.520921	26.9831186	26.7956235	28.7954823
0.22412321	0.24081702	0.26583328	0.25575054	0.35654003	0.31490922	0.33745703	0.36874766
0.90142457	0.9761896	0.87909285	0.84496788	1.30258048	1.65184659	1.61584916	1.60407324
76.9628053	79.5631743	81.2759132	81.8141387	79.9498238	79.4489501	83.5465221	83.7937533
11.6884575	11.7050738	9.30283442	8.49404228	7.52579595	5.67319879	3.5329021	3.59159689
0.76476697	0.81721649	0.88416723	0.84755057	0.91426731	0.85896062	0.85760177	0.89939934
0.69790253	0.720214	0.70149029	0.65797496	0.5378547	0.34201086	0.22927952	0.17653176
0.01831615	0.01888649	0.01962939	0.02048472	0.02125728	0.02200216	0.02262644	0.02657906
0.0001809	0.00018252	0.00019132	0.0001978	0.00020204	0.00020641	0.00021215	0.00020547
0.00018447	0.00018397	0.00018023	0.00020153	0.00019808	0.00021621	0.00022941	0.00020146
20.3531272	21.9007808	25.612308	31.3085405	37.2280791	37.4013712	41.1717651	43.0114761
2.36603072	2.90601911	1.90513677	1.0335361	1.47842788	2.01133185	2.38280456	2.99607959
0.00919303	0.0094686	0.01329156	0.01371905	0.01406195	0.01438972	0.01626998	0.01654625
0.45868754	0.45866994	0.45868377	0.45161168	1.05074452	1.23581375	1.38454955	1.59761755
0.0701129	0.04787137	0.02752809	0.00667589	0.00890349	0.00892216	0.00911046	0.00938475
2.79861272	2.77802934	2.78159978	2.67317957	2.66523219	2.65241296	3.22353224	3.56989369
0.00064211	0.00065228	0.00064964	0.00068445	0.00068277	0.00070286	0.0007372	0.00070166
0.35293895	0.33505464	0.3291001	0.35284679	0.32262978	0.28051242	0.52056465	0.51212679
0.00459051	0.00488353	0.00413307	0.00412538	0.0040626	0.00413472	0.00419633	0.00422138
2.78706212	2.76096076	2.70224669	2.55121616	1.59179306	0.72563526	1.16465998	1.52875446
0.88711349	0.92635505	0.96578483	0.91862749	0.90255066	0.83709127	0.87330321	0.75098172
1.38881912	1.34852272	0.71865663	0.61789305	0.31114956	0.16704615	0.23268203	0.23050145
0.00527199	0.00524771	0.00560417	0.00542448	0.00687351	0.00677927	0.00678308	0.00475939
1.9490166	2.14817143	2.46268885	2.64379142	2.81489391	2.78271881	2.82114957	2.86502629
1.31897672	1.25664001	1.22316537	0.99054576	0.41621978	0.13210563	0.09724083	0.10971293
0.04047626	0.03720419	0.04125971	0.04234093	0.04291563	0.04681838	0.05842541	0.05918095
0.00058058	0.00058421	0.00065197	0.0006832	0.00070784	0.00076607	0.00104359	0.00111068
25.5818251	25.7118492	26.6270871	26.9944524	27.3446797	26.9307762	28.7837034	26.0652596
2.42172526	2.6517258	2.56547094	1.48702669	0.42821068	0.36180144	0.3427932	0.33950437
0.03291726	0.02370058	0.02385376	0.02705664	0.02953289	0.0288964	0.02952407	0.03001764
0.0090428	0.00907753	0.0069377	0.0070223	0.00641403	0.00641184	0.00787396	0.00660732
0.27022679	0.40202785	0.3929959	0.32145502	0.33611354	0.30323915	0.43632594	0.46686766
0.30094874	0.29756341	0.29925334	0.15881754	0.12104797	0.08717346	0.09697327	0.09248277
0.06535089	0.07171163	0.07654269	0.07048805	0.07578607	0.07024247	0.07233678	0.10879029
0.04599917	0.04968491	0.0478356	0.05212202	0.06198438	0.05760644	0.16844695	0.16763928
0.11612431	0.11458776	0.12811704	0.13286797	0.11894202	0.10618676	0.10376942	0.09977853
0.00939331	0.00942534	0.00924139	0.00928808	0.00934183	0.01069968	0.00997796	0.00972871
0.05087163	0.06004856	0.06811233	0.07375608	0.07149908	0.07468061	0.0773583	0.07441685
3.25540226	3.72282425	4.26669185	5.23346665	5.84763104	6.1821331	6.84990604	7.22426154
0.02696458	0.02443401	0.01403076	0.0106676	0.00980887	0.00952535	0.00840316	0.00897743
0.03419443	0.0361957	0.03520917	0.03781601	0.04958825	0.05522135	0.05414277	0.05359435
0.0363626	0.03121027	0.02867548	0.02918223	0.03369555	0.03436644	0.03546349	0.03547899
2.59881502	2.66383449	2.44337725	2.72406321	2.63732232	2.53695377	1.27808122	1.35970487

0.13347194	0.11755349	0.07703073	0.12038452	0.13637826	0.1272487	0.14748269	0.164747
11.9242191	11.9950842	12.2367625	12.5789129	11.8669516	11.2300201	12.2262921	12.2854291
7.99445523	7.13386315	6.61744366	6.3535189	6.23349138	6.57248871	6.79908703	7.04268808
0.16428684	0.1289609	0.12501771	0.13945144	0.17014703	0.16744997	0.16811323	0.18418094
1.25751615	1.54267375	1.78736237	2.0595267	1.78953326	2.17805485	2.5428439	3.2759196
0.04127547	0.0489666	0.05071089	0.05310687	0.0542828	0.06211587	0.06075167	0.06120631
6.4533685	6.45308858	6.66102513	6.77989222	6.97083598	7.73891043	7.68886182	7.57079137
0.08477983	0.09263502	0.15479959	0.14093716	0.21493325	0.27538977	0.29688293	0.28802136
1.4257909	1.17098072	1.27103699	1.30432256	1.29119039	1.42431477	1.52277649	1.76869764
3.02208468	2.82741957	4.62405008	5.53177412	5.65740955	6.11063702	7.21011978	8.6625318
0.00299479	0.00312679	0.00316011	0.00313734	0.00287025	0.00293764	0.00438467	0.00400999
0.01198091	0.01198172	0.01290574	0.01346316	0.0139014	0.01436838	0.01456693	0.05153772
20.3813607	19.5449665	15.6629237	13.7071146	13.0103073	12.3416325	12.9947809	13.8751561
0.55715888	0.59881456	0.61807927	0.60979893	0.58997038	0.59774683	0.61703319	0.62420921
8.00330394	10.2476183	10.0046396	10.2116679	10.7863532	10.985249	11.2714544	11.3607154
4.49629845	4.80737896	5.48115442	5.29378428	4.91824902	4.9069183	4.90918923	5.13926638
0.20328962	0.2181944	0.2510355	0.24654935	0.29989686	0.30410602	0.32151738	0.36083712
0.00321216	0.00313469	0.00336554	0.00355346	0.00357765	0.00369785	0.00338526	0.00321989
1.88175953	1.94982345	1.9348289	1.79145381	2.12508126	1.91835056	2.27412388	2.18277294
0.15127881	0.14832912	0.14808147	0.15462095	0.15071039	0.14307127	0.14097398	0.13660622
19.9304035	18.6872716	14.8770288	10.3909988	9.75229172	9.33059421	8.85854896	10.1188134
125.356591	123.934524	116.172912	112.486408	97.4519786	82.7499078	69.4350036	72.0356221
0.03810311	0.04564385	0.04206893	0.04148407	0.04062312	0.03948741	0.01753531	0.0151921
12.5231333	12.2414757	14.0111287	12.9755483	14.7012857	16.4991952	17.7414805	18.0685216
3.23544141	3.01128234	3.22650536	2.69609384	2.11367456	1.226758	1.59777513	1.63398036
0.11813271	0.13621192	0.14498386	0.14622126	0.18231438	0.18382471	0.18600714	0.188509
0.19121649	0.19048571	0.22414872	0.23744071	0.28008006	0.27515657	0.27508795	0.27557678
2.35309035	2.27892465	2.59027056	2.90691821	2.68585867	3.20020041	3.55257054	3.64430619
8.4023E-06	8.3589E-06	8.3152E-06	8.2462E-06	8.1709E-06	8.0766E-06	8.0015E-06	7.9457E-06
0.00094092	0.00093767	0.00100686	0.00105553	0.00109359	0.00113195	0.00115662	0.00111631
0.02356292	0.01941669	0.0149897	0.01584219	0.01473	0.0149502	0.01514189	0.01523454
0.11354483	0.17014379	0.29639427	0.31822618	0.34334586	0.29758521	0.40299292	0.39573843
0.02568083	0.0253417	0.02018084	0.01963083	0.0187344	0.01887903	0.01888138	0.0190174
0.00015358	0.00018497	0.00016023	0.00018363	0.00016075	0.00010497	0.00010803	5.8545E-05
0.0004785	0.00045892	0.00036376	0.00041344	0.00036735	0.00037764	0.00039561	0.00038626
0.03279283	0.07171842	0.07772674	0.06427207	0.06300762	0.05928923	0.05771132	0.06689357
5.23717807	5.3259675	4.61498708	3.58619633	3.35233927	3.27301371	3.60326595	3.45020622
1.50701758	1.48103619	1.38098955	1.09736495	0.80179982	0.6679316	0.82390107	0.87065404
3.73831489	3.540754	3.43701195	3.15259337	3.13642144	3.13926288	3.40990569	3.56064699
0.00192348	0.00201973	0.00209447	0.00215788	0.00207689	0.00214954	0.00215785	0.00219126
0.00351897	0.00328613	0.000988	0.00137183	0.00098754	0.00104981	0.00098769	0.00092301
1.87546477	2.29752901	1.78195916	1.59190163	1.92775174	2.05322351	2.28319318	2.24044174
2.4738E-05	2.5467E-05	2.5463E-05	2.835E-05	2.8828E-05	3.0877E-05	3.2215E-05	3.078E-05
0.01458034	0.01505368	0.02307172	0.02378669	0.02379949	0.02390818	0.02467308	0.02517892
0.17252456	0.17606836	0.17946457	0.17413565	0.15780351	0.15761476	0.15825238	0.15766351
8.03962547	9.71797188	11.5613363	12.3947596	13.7131043	16.1201328	18.5390713	21.0303996
1.24584892	1.23336618	1.15458754	1.32079192	0.93819551	0.65980276	0.54299133	0.48760669
0.69293078	0.65969607	0.66267473	0.58312567	0.62516972	0.65158842	0.50065329	0.36628053
0.00156951	0.00160742	0.00165276	0.00170831	0.00177565	0.00183935	0.00188277	0.00190928
0.00033695	0.00035191	0.00038003	0.00040012	0.00040238	0.00041199	0.00048127	0.00041576
3.705506	4.16484037	4.14845715	4.45045227	4.38628591	4.45055727	5.71666868	5.40217237

2.09882154	2.25136329	2.37799716	2.33267642	2.28651681	2.41470065	2.45635554	2.62476645
13.1244528	14.3524943	21.8604292	17.9795832	18.4431474	18.9659483	19.7242002	20.5120603
10.7883571	11.1665	11.2986072	11.7552758	11.8358881	12.1685243	13.070966	13.6270131
0.31597743	0.31628049	0.34477114	0.49755831	0.35370741	0.38432842	0.27595147	0.41031994
0.04439328	0.04742676	0.05422324	0.05564001	0.06166753	0.06906796	0.06742177	0.08699373
54.409153	52.6859966	51.5575662	44.7697629	43.3745634	33.6726312	28.3094982	25.1524908
0.20420199	0.21612216	0.21585581	0.20835368	0.24419716	0.26433213	0.30651819	0.25661625
127.976787	122.426913	139.207514	133.426305	140.140767	144.030203	150.135872	154.347155
7.41119913	7.47757771	7.22545406	6.87046147	6.42391362	5.61093519	4.74569186	4.22500479
0.00041015	0.00043196	0.00043221	0.00044244	0.00045121	0.00044673	0.00049479	0.00047965
5.83975544	5.80961109	6.23294595	6.05125513	6.13749273	6.5335735	6.03978859	7.80203939
0.00014257	0.00014745	0.00014863	0.00015896	0.00015947	0.00016499	0.00016795	0.00016147
1.84769354	1.79957172	2.22740223	2.52921722	2.9949789	3.27727833	3.67060256	4.09446665
0.00053537	0.00050669	0.0005508	0.00056169	0.00048926	0.00050816	0.00052252	0.00051216
0.00053948	0.00056946	0.00060992	0.0006346	0.00062284	0.00066739	0.00067322	0.00062786
0.74278569	0.70754815	0.76759445	0.70875643	0.75318469	0.83265737	0.77980739	0.86585846
10.136139	10.3607351	9.84466163	9.28451423	8.95822219	9.67551903	11.1703062	11.549816
0.43968561	0.4701454	0.4202284	0.36042516	0.35124178	0.36870471	0.30715359	0.31046501
0.92048293	0.85642207	0.89459192	0.92447279	0.88210552	0.75015126	0.77350142	0.97835026
0.02013688	0.0296114	0.06126899	0.07107922	0.07993019	0.0821729	0.09431488	0.10436715
0.64577194	0.60982046	0.94635736	0.9182378	0.56198829	0.56014087	0.55105053	0.4411489
1.24288745	1.30395332	1.01653618	1.25738385	1.18700402	1.211945	1.54096896	1.07087371
0.00467369	0.00498629	0.00493535	0.0063804	0.0067219	0.00816166	0.01126986	0.01496531
277.172844	291.117427	260.688596	253.692711	262.158558	267.306589	281.060408	291.771166
1.15238258	0.95723378	0.70941753	0.53669831	0.4093499	0.5072911	0.63547958	0.62754705
0.9940887	0.90880873	0.89597464	0.99543912	1.07565247	0.84579323	1.13610699	1.14210874
10.4772548	10.8177383	11.2891362	11.6185639	11.8060333	12.6035705	12.4848549	13.1051354
27.477404	27.5606107	28.3436754	29.9655556	32.0013047	34.2761025	33.7870875	35.2107492
1.90832925	1.96069729	2.96187465	2.89673986	1.8295201	1.18918812	0.15855828	0.11282037
0.02225822	0.02425286	0.04988583	0.05159828	0.05273877	0.05267703	0.05796495	0.06100864
59.3872199	61.2213792	62.0290361	60.5851446	62.0802063	63.1851184	64.8301083	67.5402455
12.469652	12.9633504	13.6316767	15.0539048	15.0788656	15.2299427	15.2851029	15.5076189
4.94728906	5.09799208	6.20336879	4.76430292	3.99875668	3.69026213	3.23843306	3.33864461
0.06671542	0.07521193	0.08669487	0.1238901	0.0995137	0.11108181	0.1152296	0.11669378
19.9485661	20.3934522	20.205594	20.3902307	21.2032275	21.7311242	22.310023	22.459068
0.2712584	0.1933309	0.1651814	0.13051089	0.11767681	0.11767681	0.12088533	0.12088533
0.1468665	0.12767872	0.14110703	0.20088392	0.17625621	0.18630404	0.20370162	0.21466372
1.50373748	1.64273114	1.66788009	1.84654424	2.1243355	2.18021893	2.22676892	2.68526527
6.85285473	7.25972801	6.44120939	3.47647745	3.80836847	4.31134489	3.93553205	4.19053069
0.88113041	0.92790781	0.9908321	1.00614752	1.11647184	1.15662456	1.17814938	1.22886221
0.12704253	0.15826542	0.33079906	0.30765115	0.26908421	0.28349577	0.31756674	0.36961086
2.71043877	2.50053854	2.19109849	1.86175818	1.06251827	0.84829534	0.96620668	0.99429433
11.4362633	11.6846776	11.4763435	12.2503545	11.3167392	9.46308828	6.72760517	6.67695854
0.00885029	0.01423881	0.03799183	0.04493012	0.03795345	0.03791476	0.03713671	0.04227884
0.0411457	0.05441285	0.0769953	0.07154678	0.05733122	0.06561616	0.06564255	0.06638378
2.03547235	2.16919124	2.25701192	2.37249355	2.34156439	2.70416757	2.81130754	3.12620356
76.318682	79.6341465	82.1753608	85.9714181	86.6138185	90.0769938	94.2098043	104.19342
0.05738816	0.06854167	0.14297907	0.14997475	0.15695439	0.15272345	0.15004014	0.15321782
0.51890249	0.53152894	0.55336508	0.59724557	0.65427176	0.68242156	0.72298988	0.77670358
0.01198272	0.01118865	0.03735652	0.03857184	0.04218462	0.0420532	0.05279099	0.05728331
0.45563781	0.53118794	0.6479299	0.7072922	0.81082545	0.79681724	0.76804422	0.88812972

0.06109302	0.05964238	0.07028674	0.092935	0.07694721	0.08445361	0.08868463	0.09344767
126.235349	128.305324	124.665119	120.950852	125.20504	127.181798	133.421049	137.093174
13.2982574	13.6236146	14.5063221	14.9481494	15.2921585	14.2688698	14.6168286	14.3714291
7.73736124	8.2939473	9.08411902	9.48326954	10.2897097	11.4089361	12.333751	13.6443674
104.720857	108.520101	94.1525386	100.621425	111.102386	125.701598	116.350411	127.371431
1.10316952	1.23534272	1.19166315	1.18038772	1.13568954	1.10103251	1.09431092	1.22852257
1.86477485	1.83259752	1.75487767	1.56858704	1.57002956	1.68831742	1.76128255	1.70860735
0.57435846	0.57435846	0.56722639	0.48019259	0.43962398	0.44262486	0.45152323	0.45131558
0.54285813	0.51750157	0.5140854	0.54253493	0.47227034	0.47229012	0.29065054	0.41804498
0.01469191	0.01368028	0.02091709	0.01497432	0.0236249	0.02354691	0.02491003	0.02056162
15.8694073	16.2108408	16.34998	17.0881699	18.0051035	18.2722766	17.0360118	20.329789
0.01389467	0.01357972	0.01771768	0.021304	0.01868228	0.01832613	0.01826886	0.01923825
0.01896061	0.02235347	0.02448091	0.03054362	0.03139381	0.03078329	0.03613407	0.03706492
1.56300146	1.67718889	1.58742259	1.64889218	2.39187928	2.46929998	2.5942247	2.58871172
5.86170879	5.67934231	5.07417423	3.72441864	2.59662718	1.94729007	1.89388201	1.97108748
0.01518036	0.0165418	0.03512429	0.03576158	0.03712941	0.0352635	0.04192482	0.04419339
0.95961115	1.03146245	1.16614253	1.16199637	1.30829231	1.32782119	1.38048029	1.46609891
6.54602318	6.86656667	6.94931405	6.17462914	7.92119775	7.96475983	8.54304412	7.25064325
146.508132	149.967232	158.604111	161.476571	164.061126	168.672101	166.036529	167.927998
0.17684201	0.39896362	0.44953799	0.56086618	0.4967957	0.4914865	0.50343532	0.5257906
0.00296563	0.00323278	0.00641901	0.00663936	0.00678318	0.00677817	0.00925209	0.01138996
11.0525943	11.3570309	10.1865941	10.7487197	10.8078008	10.9743376	11.3945948	11.5984858
2.30192726	3.09741761	2.31132163	2.27993972	2.45478605	2.65891952	3.15218232	3.51489271
12.7079278	12.9294519	15.8086224	16.8802858	16.8012039	16.9609144	15.5212158	15.1100392
6.92831194	6.70392421	7.82576715	8.01452939	8.13367903	8.160263	8.67644382	8.26545762
13.8953104	14.9218818	16.1498734	16.9010517	17.5664085	18.2768476	20.0233082	21.229223
0.13109805	0.13613467	0.13279149	0.13356279	0.11488386	0.21072424	0.28752111	0.32912792
0.06206263	0.06010434	0.07633899	0.09315774	0.08369388	0.07869606	0.07794731	0.09313598
56.9523846	60.3472545	63.2138457	65.8313054	69.3806968	68.390526	70.7090623	71.9596221
2.45273072	2.49254843	2.39517836	2.17011526	1.12893154	1.26846797	1.56279252	1.54493004
0.77181259	0.79565264	0.79495613	0.80049791	0.7261363	0.87523584	0.97643436	1.09378008
10.9469677	11.558517	11.7163194	11.400153	11.3527363	11.1221288	11.5645532	11.3582461
0.2644543	0.29184601	0.47412065	0.41005171	0.464623	0.49448503	0.53141396	0.47977116
0.00109025	0.00174185	0.00172931	0.00178867	0.00182835	0.00182606	0.00187909	0.00371468
106.500274	109.182776	113.227281	116.846609	119.355252	120.484498	121.377195	122.319586
0.3427813	0.4119144	0.3231146	0.39380604	0.36865713	0.39442926	0.31421622	0.34309292
113.372024	118.666227	114.971293	114.361168	115.826663	117.001644	117.378917	116.331507
4.2744578	4.33263573	3.71819252	2.80262614	2.3250185	1.99566111	1.47465625	1.02855345
1.45429049	1.63798367	1.61573165	1.49971717	1.78949951	1.80212595	1.87768856	2.04555894
0.08709695	0.07447042	0.08394055	0.134447	0.16558379	0.16558379	0.20662041	0.20030699
0.27901739	0.26233201	0.39071994	0.37446571	0.34039705	0.35170593	0.3551017	0.36947448
0.06567227	0.07925403	0.16947205	0.18244428	0.17735001	0.20086709	0.21421662	0.2173089
0.05180253	0.05057017	0.05563516	0.06909871	0.06063621	0.06394916	0.07355954	0.07191679
0.05875281	0.05817542	0.07695838	0.09601715	0.08885697	0.09612304	0.09582262	0.10097927
0.0124185	0.0124185	0.01262644	0.01262644	0.01262644	0.01583497	0.015731	0.01893952
13.4199805	14.1924162	15.0625774	15.8769064	16.2821001	16.4914673	16.5871287	16.7123238
0.00475868	0.00518696	0.01543441	0.01596423	0.01675354	0.01935281	0.0228494	0.02063413
1.54785719	1.5869711	1.70660937	1.78725047	1.87314151	2.05714628	2.18620277	2.7304737
0.02634872	0.03313951	0.07863105	0.08906393	0.07449066	0.09794206	0.10078629	0.11633567
0.26249051	0.25979781	0.25967987	0.23823655	0.23143586	0.23460033	0.4063475	0.42861641

4.21684714	4.10288624	4.58734178	5.58883914	6.35948118	7.14930339	7.86945659	7.51072448
0.99138756	1.08639677	1.04510127	1.03506012	1.16401294	1.31863335	1.53669758	1.54786935
3.67537118	3.52358681	3.56620218	2.84662865	2.69150662	2.82506671	3.02108428	3.21084529
0.37310053	0.40777075	0.4269182	0.39845709	0.4082903	0.37993315	0.11384506	0.50319584
8.50758074	8.84095913	8.40359598	7.35256448	7.11429947	7.0962759	6.91703105	7.11520464
26.509526	28.827215	32.1979947	35.8506464	37.9134183	40.488279	45.3530076	49.2567978
58.9535731	64.4544112	64.384025	66.9293743	68.5466009	68.5507967	70.8109987	78.2900785
4.36119541	4.64996819	4.8855699	5.07118973	5.44335815	5.4829213	5.70140283	5.85204971
34.8249411	36.8238023	39.1511803	42.319872	44.153272	49.8134439	56.7518662	55.7109865
18.2158533	20.8053113	21.7687692	18.3520662	23.2784045	24.5108957	24.7922075	24.7275849
0.59452096	0.59772398	0.62824118	0.63725634	0.63455131	0.63163931	0.65956635	0.60942743
5.94934242	6.08231059	8.03399589	8.29707093	9.0691478	9.54315505	10.2596479	11.2658314
90.8149024	94.1782691	96.0715361	97.9337449	102.962193	104.852259	104.611912	106.886447
0.94732594	0.98779027	1.08432386	1.02828865	1.07302612	1.16109873	1.16730813	1.39736343
2.95940185	2.97185172	2.72907246	2.52972829	2.66971536	2.75012329	2.75040879	3.00489252
179.974462	192.806417	211.962338	222.329885	227.018776	232.118544	244.242359	252.451335
11.8346886	12.0881757	14.4209039	18.0891418	15.82785	13.1879895	9.04920316	9.15885047
2.49270421	2.64449519	2.69261558	2.75835656	2.55776634	2.38075123	2.31702727	2.56374838
3.87911816	3.98556823	6.0206915	4.65735008	2.70833382	1.57740336	0.50034108	1.12162954
0.14691906	0.13680282	0.20917087	0.23037422	0.25199892	0.251167	0.26570698	1.15812373
0.00595806	0.00555055	0.00848676	0.00885501	0.00958068	0.00955376	0.01010683	0.00834254
0.00290456	0.00316607	0.00628655	0.00866986	0.00885799	0.01095639	0.01315365	0.01114405
30.7888561	35.0887544	43.737689	49.0373119	54.5182873	61.4973189	64.5718388	72.4731878
11.0538387	13.5774973	2.84120925	1.89807782	4.5390002	4.7823848	5.04348621	5.34038904
0.07345953	0.0775216	0.11853016	0.14398389	0.15749932	0.15697938	0.1743702	0.15078522
1.4871226	1.86278409	1.86278409	2.32847997	3.23193015	3.76912553	3.54012002	4.18016767
0.31045597	0.24673522	0.16098418	0.11515841	0.10564682	0.11415924	0.11380245	0.11992668
5.9985892	6.15900341	6.18694527	6.23403429	6.3256587	7.44010071	8.83663781	9.50911033
0.00992176	0.01081338	0.02147107	0.02220812	0.02269367	0.02267242	0.02768618	0.02736569
2.53240373	2.40308975	2.4957723	2.51363756	2.79835746	2.99342334	3.48395592	3.69628545
0.03107193	0.04426156	0.04847406	0.06047867	0.05296854	0.05140318	0.05618698	0.05921065
3.95272602	4.04988124	5.50831502	6.08024238	4.01145832	3.0646015	2.40244162	2.93915966
1.88879136	2.20568254	2.62516794	3.14785716	3.4373822	3.46870308	3.5200705	3.34993206
2.69170215	2.75081884	3.0595844	2.79389011	2.44837302	2.27586962	2.1050371	2.00608118
0.30340891	0.30089963	0.47911007	0.48923493	0.55124763	0.60437059	0.68087413	0.56111979
3.03177675	3.47072202	3.89407569	4.32681168	4.79369871	5.22022542	5.64054285	5.98634892
1.64167984	1.69052215	2.41614362	2.27261453	2.2011	1.42546261	1.31065493	1.30036134
0.43945097	0.43070796	0.53235464	0.59031491	0.5965972	0.61522696	0.69742525	0.67492888
0.02758944	0.0256975	0.04774046	0.0492936	0.05390257	0.06279175	0.13982498	0.15659114
73.2906871	80.6225348	83.4901559	89.389684	89.6850062	91.7548146	97.4204356	89.3883236
0.84146486	0.79998231	0.76555062	0.77164902	0.77164902	1.4515533	0.9314298	0.87751134
0.06319626	0.1236933	0.13571762	0.16935014	0.1575169	0.15440702	0.15392445	0.16220782
0.4507308	0.4507308	0.4507308	0.50733576	0.52595334	0.59378796	0.59378796	0.69103998
1.2632597	1.24908509	1.34394683	1.25505824	1.03807838	1.58792646	1.82542081	2.72040723
2.10009253	1.49629533	1.54216265	0.98928925	0.88916032	0.98529881	0.6701542	0.82734748
0.11176704	0.11797632	0.60867363	0.49947972	0.68661336	0.8501445	0.69582339	0.73070166
0.24364899	0.27440603	0.26468125	0.34595484	1.01199123	1.01453635	1.01136559	1.08000232
0.05515595	0.08360865	0.18157719	0.15561424	0.17369331	0.23556231	0.24052392	0.24145433
0.37379408	0.41773923	0.44296654	0.45238435	0.50297397	0.54106077	0.54985524	0.54304225
0.10217538	0.12821885	0.14882438	0.2358783	0.20699821	0.19419624	0.20676808	0.23210576
11.3557634	12.475542	14.5568828	15.6665735	16.7485236	17.4329094	19.2515561	20.477952

0.55017513	0.51404928	0.57137539	0.47716318	0.51001486	0.52898068	0.57104835	0.62041347
0.32837144	0.33312216	0.53770092	0.58789629	0.67685727	0.67464241	0.68878722	0.56854939
0.3996701	0.42533834	0.21216648	0.19954014	0.19301919	0.2084385	0.20823072	0.18297804
14.0502869	14.1351585	11.7601812	15.335355	18.7137079	16.071471	12.9023876	14.9439672
0.84840716	0.71959974	0.74474853	0.80774498	0.92445532	0.95043523	1.01222842	1.11448582
24.4693862	25.5789507	27.0501871	27.5359415	29.0221513	29.881851	29.3147379	29.5719328
10.3732446	10.5573557	10.032958	10.1506469	10.4046701	11.0064297	10.8415835	11.5198575
0.22989516	0.25049176	0.33858213	0.40308517	0.43690196	0.48108585	0.55567788	0.62286476
8.2624878	8.76946828	8.66198705	8.65712184	9.04477489	9.43677066	10.102872	10.7804986
1.2884256	1.35983232	1.68294678	1.80361218	1.95036138	2.0788983	2.11056804	2.19149646
12.924144	13.4552794	13.7860753	14.2961092	16.111962	18.4154661	19.4703729	20.2424527
1.17000219	1.20508824	1.27442922	1.33135164	1.43173902	1.54144032	1.64814087	1.73321283
7.33322084	6.72745391	7.13693817	6.3786579	6.89662813	7.05419048	8.00125463	8.6978872
11.3396815	11.9897007	13.7610318	13.012276	15.086956	17.1082586	17.9957781	21.2731577
0.73138317	0.76376293	0.77183672	0.76608371	0.70019531	0.71660531	1.07251955	0.90430372
0.73435434	0.70204197	1.08736363	1.10834045	1.20448236	1.20052646	1.24511453	1.03471561
24.0735379	23.8227007	20.2285383	21.0903132	21.4698941	20.891205	21.5389446	22.3168346
1.28289145	1.33261914	1.83306501	1.89598962	1.93805167	1.93562829	1.9918387	1.96878146
5.17278397	5.35596976	5.59835116	4.28096486	3.4882983	3.13134434	2.11409285	2.52796932
8.54394658	9.06649964	9.68840434	10.3478915	11.2589796	11.8226698	12.4286333	12.9163884
1.50274882	1.55958355	1.62126554	1.52553596	1.82675769	2.27635852	2.5661763	2.92948488
0.31908175	0.29957948	0.4332389	0.44733346	0.46007442	0.45856423	0.3837116	0.3304369
1.36599801	1.58653134	1.4733219	1.48574046	1.58354265	1.67492778	1.78318668	1.96678806
0.29531004	0.30689509	0.3590796	0.52148866	0.47839585	0.58617656	0.60681936	0.63000135
5.18364	10.5990445	11.7339909	10.284534	10.423507	8.34679944	8.85912808	8.16580092
224.692347	229.566691	298.759605	293.100322	280.697515	235.616698	207.055081	190.937696
0.36082548	0.35493636	0.3524997	0.32919749	0.33803046	0.35056949	0.36630593	0.3564586
47.6977935	45.0551309	49.4036032	51.4712778	54.52988	57.43544	61.2372575	54.1283929
5.64847452	5.17492874	4.46975046	3.1922433	2.26265382	2.69942814	2.6247429	2.73214998
3.19021805	2.8205223	3.96286173	3.13144979	3.12108492	2.04998054	2.97898679	2.79361947
337.891126	337.800914	371.259561	386.019304	414.910805	402.124812	414.447092	429.875688
0.5431404	0.68793981	0.72975459	0.74931744	0.78792369	0.75656562	0.74383539	0.78502683
3.49732458	4.07278218	4.06689663	4.93018692	4.75949943	4.72192002	5.13684723	5.64624009
0.00385568	0.00385542	0.00489166	0.00278712	0.00258378	0.00380281	0.00398039	0.00402535
0.05684298	0.05294908	0.08095889	0.08359273	0.09140473	0.09113752	0.09641344	0.07958307
0.27538938	0.2573277	0.28602086	0.37783615	0.23945093	0.23472809	0.24272774	0.2702829
1.13171948	1.1857454	1.26616609	1.38094598	1.59817906	1.74659066	1.85991586	2.11689765
0.28320619	0.2841346	0.28175781	0.21036099	0.17034388	0.17599681	0.17544676	0.18488834
0.01127332	0.01489558	0.02781763	0.02701463	0.02559691	0.01460852	0.01534467	0.00959502
0.00868962	0.0084845	0.01769457	0.02335457	0.0204896	0.02009007	0.02452224	0.0258419
0.06331743	0.07508231	0.18095464	0.17463728	0.16753835	0.17424946	0.17743055	0.18094866
3.71259657	3.77105328	4.0870422	3.39088446	3.54955032	2.93711796	3.35520756	3.79477584
2.92524728	2.78342601	2.6224461	2.4781207	2.55556747	3.08671713	3.44686232	3.8427726
20.7836808	21.3311329	19.8567952	19.5586199	20.3440563	19.4351073	20.147175	20.3405534
0.38369675	0.41526271	0.45051721	0.45683029	0.44000205	0.44321057	0.45262819	0.45154757
0.1229217	0.12481769	0.12264279	0.1731808	0.15099277	0.15252765	0.15205095	0.16597362
5.5472784	6.73272402	7.24324761	7.60186368	7.15077999	7.50494085	7.52626983	7.50661515
0.00071095	0.0007746	0.00153804	0.00159084	0.00162613	0.0016241	0.00167126	0.00165191
0.03980006	0.042729	0.09826396	0.12056002	0.10579908	0.04959955	0.0539395	0.05684223
0.41801979	0.42764538	0.4263987	0.32176389	0.27063519	0.16703928	0.3241413	0.39348228
20.5821124	24.6499548	28.0010481	28.7477959	30.5219276	35.9085448	39.937554	47.5771098

0.47150227	0.48444115	0.731808	0.731808	0.365904	0.2927232	0.1951488	0.1799028
2.66180658	2.73485141	9.82210815	8.79572043	6.87701979	7.09188048	4.25072844	3.99182382
0.02603161	0.02980614	0.04557345	0.04809062	0.05031552	0.05017846	0.07198002	0.05401264
1.33706441	1.30605221	1.34537085	1.41899346	1.35602837	1.21860122	1.28299863	1.33729469
2.27412959	2.37876371	2.49125107	2.56100692	2.63655579	2.96213068	3.09517	3.19756268
25.551548	25.9493222	27.8510156	26.5579125	27.1141302	32.2711191	31.3354577	35.2005799
18.0286791	20.1674446	21.8322056	23.2101387	26.6993013	29.0043771	30.6043074	32.0253511
0.66744195	0.65854359	0.69952725	0.65471172	0.68275737	0.71069913	0.71069913	0.89720943
0.53507316	0.5060925	0.59737374	0.61620936	0.61589769	0.60254412	0.55389672	0.71814303
54.9851802	55.9107593	54.8617447	66.112301	40.944806	35.4421672	32.2504092	33.3218059
1.44350718	1.51032427	1.51685649	1.61196339	1.73286425	1.95541248	2.2002629	2.18167472
1421.98258	1433.58684	1426.97251	1399.66817	1430.66144	1454.18511	1506.89582	1537.75594
5.2052748	5.34101921	7.6859068	6.9362843	5.4296759	4.7734148	4.2711317	6.86282839
0.00238402	0.00422163	0.00880407	0.00867022	0.01068671	0.00885148	0.01657116	0.01823667
29.2756403	27.6937879	28.5538316	30.2523821	29.7753602	31.9117878	32.3949783	33.4902369
0.00256691	0.00279714	0.00555401	0.00574467	0.0058712	0.00586477	0.00603508	0.00596522
3.97305134	3.59754148	4.16603488	3.93816813	4.41648138	6.89948923	7.60636019	7.27436913
0.04140326	0.03399778	0.05198245	0.0482346	0.02679378	0.02671318	0.0282596	0.02332647
0.03428111	0.04104085	0.06275126	0.06479275	0.06299973	0.07064072	0.07473009	0.06168486
3.73174299	3.88916874	4.01376525	5.13445311	5.40663459	4.40737554	4.44782769	3.96335913
28.6935543	28.9507321	29.5457638	29.5744842	30.062658	30.2267087	31.3304347	35.1737672
0.87010189	0.74266742	0.77341464	0.9700076	0.92696138	0.66045239	0.81082987	0.80500873
2.11813213	2.11285577	2.09484956	1.5920599	2.21399729	1.97229256	1.7483809	2.17402616
0.00116043	0.00120797	0.0012455	0.00113559	0.0011318	0.0011979	0.0012654	0.0013343
0.00742898	0.00757196	0.00771643	0.0078475	0.00797707	0.00810814	0.00823622	0.00836282
0.01049608	0.01066058	0.01081496	0.01091512	0.01100943	0.01110001	0.01119592	0.01323502
0.01109365	0.01113807	0.01119501	0.00961623	0.00553529	0.00497819	0.00452833	0.00463558
0.00150287	0.00152922	0.00155557	0.00157138	0.00158632	0.00160037	0.00161267	0.00162233
0.14209227	0.14277057	0.14352156	0.14398379	0.14453355	0.14513969	0.05483638	0.04277438
0.00050666	0.00053434	0.00056396	0.000591	0.00061932	0.00065023	0.00068113	0.00077383
0.01132446	0.0113399	0.01133316	0.01153001	0.01075734	0.01162585	0.01182037	0.0119345
0.00051879	0.00053191	0.00054503	0.00055695	0.00057007	0.000582	0.00059392	0.00060466
0.00135912	0.00139249	0.00141099	0.00133443	0.00128196	0.00125018	0.00128614	0.00138104
0.01067503	0.01085832	0.01102575	0.01016574	0.00930573	0.00844572	0.00758571	0.00672571
0.00104554	0.00108575	0.00112894	0.00116618	0.00120341	0.00124362	0.00128384	0.00132554
0.15745927	0.16220142	0.16697784	0.1716068	0.17625215	0.18093473	0.18567838	0.19050245
0.00078339	0.00080708	0.00083217	0.00086981	0.0008963	0.00092417	0.00095902	0.00099387
0.11232926	0.11405731	0.1157403	0.11944465	0.1236292	0.12910686	0.15320441	0.18561777
0.02373283	0.02433309	0.02493054	0.02392754	0.02290551	0.02178137	0.02046741	0.0193626
0.00342406	0.00348811	0.00393045	0.00386492	0.00380087	0.00373534	0.00419109	0.00425215
0.30731902	0.32186305	0.33620663	0.3526581	0.36885525	0.38480669	0.40060079	0.41632377
1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06
0.00971368	0.00997581	0.01024091	0.01050155	0.01076517	0.01103028	0.0112939	0.01155752
0.00028861	0.00029338	0.00029815	0.00030173	0.00030412	0.0003065	0.00030889	0.00031127
0.0130017	0.01300296	0.01300423	0.01542926	0.01793573	0.02423962	0.03401284	0.03778934
0.20332744	0.20584678	0.20850707	0.20685262	0.20519769	0.20354275	0.20188782	0.20023289
6.0824E-05	6.2016E-05	6.3209E-05	6.3209E-05	6.4401E-05	6.4401E-05	6.5594E-05	6.5594E-05
0.00072637	0.00074044	0.00075301	0.00077044	0.00078642	0.0008042	0.00082884	0.00085893
0.00018247	0.00018724	0.00019201	0.00019797	0.00020275	0.00020871	0.00021467	0.00022063
0.00083155	0.00086806	0.00090502	0.00094152	0.00097803	0.00101409	0.00105014	0.0010853

0.00200916	0.0020881	0.00217001	0.00224299	0.00231746	0.00239342	0.00246938	0.00254682
0.00011358	0.00011673	0.00011899	0.00012169	0.00012394	0.0001262	0.000128	0.00013025
2.42182449	2.44210765	2.45795515	2.16550662	2.37514469	2.0874463	1.88146591	1.44797959
0.00064876	0.00065777	0.00066273	0.00066818	0.00072293	0.00066771	0.00077672	0.0008647
0.00032917	0.00034746	0.00036671	0.00038692	0.0004081	0.0004312	0.00047739	0.00050049
		1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06
1.48203864	1.49408867	1.50393448	1.55109208	1.63365033	1.62889051	1.78789562	1.79317665
0.00143283	0.00146376	0.00148866	0.00150083	0.00150785	0.00150952	0.00151397	0.00152643
8.8199E-05	9.2705E-05	9.7212E-05	0.00010107	0.00010558	0.00011009	0.00011459	0.00011974
0.55217224	0.55979633	0.56726454	0.56848039	0.54348708	0.4929385	0.39897128	0.37699152
0.00038771	0.00039044	0.00039466	0.00040684	0.00041271	0.00042023	0.00042612	0.0004337
0.00013745	0.00013843	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942
0.00057007	0.00058488	0.00059988	0.00061987	0.00063856	0.00065588	0.00067343	0.00069291
4.617E-05	4.9149E-05	5.2128E-05	5.3617E-05	5.3617E-05	5.5107E-05	5.6596E-05	5.8085E-05
7.8937E-05	7.7447E-05	7.7447E-05	7.8937E-05	8.1915E-05	8.4894E-05	8.9362E-05	9.0852E-05
0.00603271	0.0062116	0.00638618	0.00660602	0.00683233	0.0070651	0.00728494	0.00746599
0.02058817	0.02148741	0.02242004	0.02335743	0.02432584	0.02532525	0.02635448	0.02741353
0.00034657	0.00034931	0.00035154	0.00035154	0.00035154	0.00035154	0.00035154	0.00035154
0.07973464	0.07966355	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656
0.05075248	0.05330434	0.05590615	0.05892841	0.06201104	0.06515142	0.06834385	0.07158466
0.03058811	0.03066066	0.03076183	0.030805	0.03085722	0.03090729	0.03095342	0.03100047
0.00361669	0.00367962	0.00374647	0.00375682	0.00373425	0.00346492	0.00330958	0.00308759
0.45262389	0.45335572	0.45439825	0.54106311	0.50715554	0.5035987	0.50808176	0.49007106
0.00060824	0.00061539	0.00062135	0.0006297	0.00063805	0.00064759	0.00065713	0.00066667
4.5675E-05	4.831E-05	5.1823E-05	5.5337E-05	5.885E-05	6.3242E-05	6.7634E-05	7.1147E-05
3.24612787	3.27398148	3.30137339	3.26618922	3.49679348	3.88441933	4.24593252	5.00768337
0.00040906	0.00042638	0.00044467	0.00046777	0.00049183	0.00051589	0.00054092	0.00061696
0.00235713	0.00248119	0.0026164	0.00272095	0.00285476	0.00298022	0.00322694	0.0034667
0.28905278	0.29928403	0.32749702	0.4400257	0.54588154	0.66506581	0.70298416	0.95710369
0.00018182	0.00018709	0.00018709	0.00018182	0.00017128	0.00015898	0.00014844	0.00014405
0.00311822	0.00327991	0.00344858	0.00363676	0.00382912	0.00402566	0.00422499	0.00442293
0.00021168	0.00021432	0.00021783	0.0002231	0.00022925	0.00023716	0.00024418	0.00024945
3.6971E-05	3.8164E-05	3.9356E-05	3.9356E-05	3.9356E-05	4.0549E-05	4.0549E-05	4.0549E-05
0.00275641	0.00279569	0.00282716	0.00282716	0.00083986	0.00236565	0.00072364	0.00266656
0.0003664	0.00038149	0.00039442	0.00040735	0.00043322	0.00044615	0.00045693	0.00046986
0.00215177	0.00222283	0.00229068	0.00218502	0.00194759	0.00195482	0.00171716	0.00171987
0.00091313	0.00094357	0.00097561	0.00100284	0.00102848	0.00105411	0.00107974	0.00110217
0.02274441	0.02370602	0.02583219	0.02682104	0.02783981	0.02892233	0.03009585	0.0311323
0.01393156	0.0142553	0.01456935	0.01485105	0.01512352	0.01539764	0.01568956	0.0160163
0.00190239	0.00197192	0.00204917	0.00213415	0.00222815	0.00232922	0.0024348	0.00254425
0.00023901	0.00024243	0.00024519	0.00024532	0.00024544	0.00024557	0.0002457	0.00024583
0.02480773	0.02539317	0.02595911	0.02650274	0.02702407	0.02753564	0.02805418	0.02859224
0.00053883	0.00055607	0.00057116	0.00052374	0.00051081	0.00050865	0.00051512	0.00056685
0.00016459	0.00016651	0.0001694	0.00017132	0.00017325	0.00017517	0.0001771	0.00018287
0.0227029	0.02375949	0.02482863	0.02610826	0.02740879	0.02873999	0.0301158	0.03155015
0.01160702	0.01171863	0.011832	0.01186341	0.01189386	0.0119248	0.01195863	0.01199536
0.00454178	0.00463623	0.00473315	0.00697368	0.00701152	0.00866366	0.00773063	0.0072769
0.00274416	0.00281592	0.00289629	0.00291716	0.00292551	0.00302747	0.00262203	0.00263242
0.00485833	0.00499535	0.00513237	0.00527088	0.00541088	0.0055494	0.00568642	0.00582046
0.070792	0.07418481	0.07766545	0.07947895	0.08129106	0.08310734	0.08492921	0.08676222
4.1421E-07	4.2045E-07	4.267E-07	4.3294E-07	4.3919E-07	4.4543E-07	4.5167E-07	4.5792E-07



0.00045428	0.00047249	0.0004907	0.0005162	0.00055054	0.00059581	0.00061923	0.00062183
0.24341578	0.24537831	0.24730153	0.22124447	0.21027365	0.20779805	0.20855645	0.2115612
0.00722675	0.0073496	0.00775696	0.00769661	0.00763841	0.00758022	0.00799189	0.00814707
0.19261852	0.19415887	0.19555256	0.19560847	0.19518815	0.19385726	0.1912239	0.1891854
0.00012809	0.00013255	0.00013851	0.00014447	0.00015043	0.00015638	0.00016234	0.0001683
4.3918E-06	4.3918E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06
0.00127696	0.00129102	0.00130861	0.00132419	0.0084535	0.01194341	0.01543797	0.01891776
0.00450223	0.00463662	0.00459225	0.00444073	0.00440393	0.0046052	0.00473891	0.00492827
0.01930868	0.01973383	0.0202217	0.02078206	0.02140654	0.02206448	0.02314477	0.02378319
2.5155E-05	2.5535E-05	2.5914E-05	2.6293E-05	2.6672E-05	2.7052E-05	2.7431E-05	2.781E-05
0.00010872	0.00011021	0.00011319	0.00011617	0.00011915	0.00011766	0.00012064	0.00012362
0.00822239	0.00845148	0.00868369	0.00877321	0.00897819	0.00972638	0.00861577	0.00821612
0.00086199	0.00086886	0.00087409	0.00087409	0.00087409	0.00087409	0.00056771	0.00028743
0.03178972	0.03197532	0.032175	0.0375375	0.0375375	0.0336765	0.03607461	0.03508577
5.7297E-05	5.9872E-05	6.2447E-05	6.5023E-05	6.7598E-05	7.0173E-05	7.2748E-05	7.5323E-05
0.00755927	0.00775163	0.00793284	0.00807363	0.00820326	0.00832453	0.00844999	0.00858241
6.9696E-05	7.2484E-05	7.6666E-05	7.6666E-05	7.9454E-05	8.0848E-05	8.2242E-05	8.2242E-05
0.02650399	0.02804285	0.02963516	0.03012408	0.03048684	0.02967694	0.03261225	0.03123341
0.00418561	0.00434941	0.00470073	0.00998986	0.01527683	0.01480697	0.02585508	0.09354471
0.04160333	0.0420132	0.04238972	0.04080219	0.03872348	0.03624366	0.02806223	0.02546676
0.00108724	0.00109916	0.00111107	0.00112299	0.0011349	0.00114682	0.00116022	0.00117213
0.00230626	0.00234241	0.00237633	0.00237633	0.00237633	0.00237633	0.00237633	0.00345331
3.5779E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.00892878	0.0092058	0.00948282	0.00974793	0.01001304	0.01027815	0.01054326	0.01081134
0.00468081	0.00481741	0.00495681	0.00515893	0.00536383	0.00557153	0.00577783	0.00597995
18.0329472	17.4322829	13.9533991	12.0124966	9.98958852	10.8176465	11.4334422	11.3692902
812.591459	737.147874	697.121086	726.521468	675.530922	683.763305	644.063408	655.154522
214.223155	225.743524	214.420267	213.983288	201.180946	206.200753	213.857051	212.416864
763.950691	764.381287	668.574842	606.073866	550.117131	530.709518	546.869446	562.083285
1282.91346	1331.45419	1324.21189	1318.78165	1288.8938	1233.12076	1225.27711	1237.98004
260.805109	258.353478	243.364759	224.043617	213.792311	204.240556	212.15354	217.961222
600.644806	625.215039	642.63795	651.027376	668.946825	674.029473	678.649494	687.294969
5.34229624	5.38274108	5.41697382	5.23776268	5.48670851	5.19440005	5.07063994	4.61962705
96.232497	94.8772968	92.4086765	90.3455895	80.9888777	79.9606545	83.8056279	91.3382406
3540.22565	3473.31119	3349.92927	3375.93372	3184.8841	3258.20804	3147.76537	3173.68975
1667.37839	1716.66512	1714.64353	1726.78633	1699.35917	1689.71377	1777.51986	1812.62664
4037.62381	4011.04998	3957.00353	3880.2897	3747.09796	3697.12546	3714.11839	3940.51247
7010.51535	7305.6869	7643.94859	7790.72301	7928.6035	7947.75005	8025.6354	8182.13143
1263.33761	1276.0026	1293.20415	1278.45627	1295.46563	1314.81033	1371.84256	1431.44035
4358.53589	4482.34967	4618.52749	4656.31373	4762.05792	4803.83683	4900.87413	5035.21134
10.4753887	10.5987117	10.7350295	10.6748582	11.273467	11.4715258	11.7138115	12.3869778

1996	1997	1998	1999	2000	2001	2002	2003
0.00785714	0.00785714	0.00864286	0.00785714	0.00785714	0.03802857	0.03268571	0.03614285
0.0154	0.01063333	0.0387619	0.01183809	0.01655238	0.02241905	0.0517	0.03860476
0.82321895	0.78697134	0.67744278	0.73354278	0.76214277	0.86899989	0.8453237	1.16254275
0.03848899	0.02514286	0.03017143	0.01917143	0.022	0.01571429	0.01382857	0.00471429
0.99041894	1.09329512	1.21838081	1.41952363	1.25295224	1.37709508	1.68242364	1.57451889
0.01204762	0.01204762	0.01204762	0.01361905	0.01204762	0.01204762	0.01204762	0.01623809
0.02886674	0.02574766	0.03127143	0.04258571	0.0066	0.03095714	0.05201429	0.10842857
0.03247619	0.03247619	0.03038095	0.0277619	0.04347619	0.04766667	0.05395238	0.05866667
1.57425686	1.38573785	1.3998807	1.63077591	1.58415686	1.69871399	1.67032352	1.73077112
0.43528571	0.36425714	0.31271428	0.23162857	0.40747142	0.41485714	0.36582857	0.37242857
		0.00628571	0.01571428	0.02168571	0.01037143	0.0132	0.02938571
3.32000934	3.75162835	3.89164261	4.07686162	5.35307113	4.66316168	4.80239023	6.1551806
1.98314267	2.11833789	2.03767125	2.09728075	2.07978552	2.10649981	2.24321408	2.20895694
0.04242857	0.03614285	0.03457142	0.03142857	0.04242857	0.033	0.02671428	0.03142857
0.37216663	0.36247615	0.38761901	0.36834281	0.31585709	0.32539043	0.33209519	0.39191422
24.6342347	23.2466633	23.7940442	25.4477105	24.1277106	24.6965676	31.1268527	29.2421862
0.05657142	0.08642856	0.07542856	0.04871428	0.05499999	0.04179999	0.08737142	0.03268571
0.02671428	0.02058571	0.02189524	0.04541428	0.02875714	0.05447619	0.03247619	0.022
0.32790472	0.3342952	0.39008091	0.41569519	0.45508566	0.42669519	0.43004757	0.4010809
0.12587142	0.14142856	0.13985713	0.10999999	0.11942856	0.08485713	0.06285713	0.04667142
0.27133332	0.32633332	0.28547618	0.19889047	0.22083809	0.09114284	0.05814285	0.02488095
0.01681429	0.01162857	0.01304286	0.01367143	0.01068571	0.01021429	0.00958571	0.01037143
0.2559857	0.21240475	0.23304285	0.19585237	0.28856666	0.3008238	0.27206666	0.24535237
0.29307138	0.30847137	0.34068565	0.36362851	0.45885706	0.4447142	0.44785706	0.48399991
0.09480952	0.11209524	0.11523809	0.11523809	0.12833333	0.09480952	0.06966667	0.08223809
0.17599999	0.18380475	0.16919047	0.16211904	0.1333619	0.18479999	0.17537142	0.15059523
0.02985714	0.03142857	0.0902	0.08412381	0.07815238	0.07815238	0.11408571	0.11157143
0.11314284	0.16196189	0.14891903	0.12780951	0.11665237	0.17327617	0.21266664	0.20894759
2.46918558	2.37285703	2.51114271	2.31502842	2.61328555	2.74842838	2.65194266	2.51224262
1.57876184	1.39647611	1.45828563	1.51485706	1.44885705	1.44833325	1.44257135	1.52952372
0.05332329	0.04489047	0.05395238	0.04420952	0.05143809	0.05809047	0.05950476	0.05259047
0.14703332	0.10088571	0.13613808	0.14347142	0.13681903	0.19433331	0.15399999	0.03195238
0.00209524	0.00995238		0.00157143	0.00157143	0.00157143	0.00157143	0.00157143
3.87357137	4.00588565	3.86445708	4.14087135	3.66645709	3.85487136	3.75833327	3.79238088
2.42523807	2.17014283	2.16961903	2.37076187	2.08476187	2.24923805	1.94647615	2.07480949
0.54214286	0.49028571	0.37609524	0.374	0.37190476	0.33942857	0.33	0.33314286
0.27657142	0.30642855	0.29857142	0.31271427	0.25614283	0.20962855	0.16185713	0.09947142
0.06631428	0.10999998	0.05342856	0.05814285	0.07275713	0.05798571	0.08391427	0.08223808
0.77759523	0.72741427	0.7036857	0.75056666	0.77942856	0.8092857	0.76057142	0.71971428
3.85707087	3.26228528	3.75152325	3.57379474	3.55886615	3.5691852	3.99404704	4.10954704
15.9662356	16.9928498	17.6746402	18.1477449	16.884788	17.4263021	16.0440738	17.1070926
0.08485713	0.09742855	0.10842855	0.10057141	0.10214284	0.09114284	0.09114284	0.1272857
1.25195699	1.4849998	1.58452361	1.43083789	1.54062837	1.4957379	1.49002837	1.56304739
0.3991428	0.40375232	0.42156185	0.41841898	0.40312375	0.39249041	0.6901713	0.03184762
0.0022	0.00314286	0.00157143	0.00314286				
0.07228571	0.06757143	0.07071428	0.07385714	0.06128571	0.06741428	0.06882856	0.07715714
1.20580942	1.171238	1.2545237	1.28228559	1.21419036	1.21942846	1.18538084	1.12880941
0.00419048	0.02262857	0.02933333	0.03389047	0.02131905	0.02131905	0.00869524	0.00995238

1.17401426	1.13299997	1.0839714	1.08679997	1.04719997	1.0795714	1.15028567	1.0531714
0.04971495	0.04434319	0.03897143	0.088	0.088	0.12257143	0.14142857	0.14142857
0.066	0.05866666	0.06914285	0.07375238	0.0869	0.08401904	0.07301904	0.09119523
0.10945307	0.09762653	0.0866381	0.08401905	0.08705714	0.022	0.022	0.02702857
0.33628566	0.43214279	0.34571423	0.31239995	0.29841424	0.31962852	0.21025711	0.20695711
0.00314286	0.00188571	0.00157143	0.00172857	0.0011	0.00377143	0.00157143	0.00157143
0.066	0.07050476	0.06840952	0.06249048	0.06615714	0.06856666	0.05599524	0.0561
0.03205714	0.05028571	0.04923809	0.06814761	0.04389523	0.06338095	0.04766666	0.03142857
0.2919714	0.27358568	0.30265711	0.3389571	0.33282853	0.31679996	0.32528567	0.2608571
0.04190476	0.05761905	0.04777143	0.08129524	0.06594762	0.0946	0.08559047	0.08705714
0.2614857	0.36902379	0.37295236	0.43413331	0.46268093	0.47247617	0.47823808	0.45938094
3.36652369	3.26804749	3.44719031	3.21514269	3.2874284	3.46185697	2.64324746	2.91803792
0.06757143	0.05782857	0.03991428	0.03535714	0.03032857	0.01571428	0.02168571	0.01257143
0.18527139	0.20491425	0.20852853	0.19249997	0.2553571	0.11628569	0.19689996	0.19642854
0.01152381	0.00817143				0.0066	0.01257143	
0.64009522	0.83495236	1.04866663	1.06312378	1.04803806	0.99806663	1.0941333	1.13059042
0.04242856	0.05075713	0.10790475	0.13776188	0.12932855	0.2152333	0.10397617	0.20465235
0.04630476	0.0396	0.0376619	0.04043809	0.0299619	0.02304762	0.02283809	0.04080476
0.04714286	0.04085714	0.03247619	0.03090476	0.04871428	0.03823809	0.02671429	0.02671429
0.00314286	0.00314286	0.00314286	0.00628571	0.00942857	0.01257143	0.00942857	0.00942857
0.12299046	0.1289095	0.14394284	0.10507618	0.08889046	0.08621904	0.09093332	0.08485713
0.30957141	0.3387476	0.3480714	0.31742853	0.44120471	0.5105047	0.58310469	0.63930944
3.00687571	3.1545376	3.09571377	3.32362328	3.39685185	3.46400421	3.51910896	3.7867232
0.28914283	0.33565712	0.33141425	0.3188952	0.36085234	0.37578091	0.38751424	0.39442852
0.8965523	1.11042371	0.71688564	0.96454277	0.98497134	0.93248562	0.90330944	0.79482848
1.94542852	1.91682851	1.27537136	1.34545706	1.71793803	1.70049518	1.43733328	1.69567612
0.13105712	0.25189996	0.21423806	0.22471425	0.27028569	0.22534282	0.22125711	0.22125711
0.07280952	0.06338095	0.06233333	0.05919047	0.05395238	0.05238095	0.05238095	0.05238095
0.00188571	0.00188571	0.00078571	0.00125714	0.00078571	0.00141429	0.00157143	0.00157143
0.38342856	0.38499999	0.52485713	0.34885713	0.46514283	0.45649998	0.40071427	0.33785713
			2.24703807	2.20366664	2.31340474	1.88257141	2.11922855
0.26609521	0.32528567	0.25928568	0.29720949	0.34257139	0.3708571	0.36928567	0.38369043
0.12791427	0.12822856	0.13985713	0.10827142	0.11879999	0.20947139	0.17835712	0.16793332
0.12068569	0.10842855	0.04117142	0.04321428	0.08532857	0.11125712	0.08894284	0.06757142
0.0055	0.01382857	0.01697143	0.0297	0.02922857	0.01162857	0.04808571	0.00298571
0.17442856	0.28395714	0.20114285	0.20318571	0.18417142	0.18977619	0.14368095	0.09213809
0.07071428	0.07542857	0.07495714	0.05358571	0.06002857	0.06180952	0.07013809	0.12361904
0.00062857	0.01178571	0.04541428	0.05311428	0.05814285	0.05358571	0.06364285	0.06269999
0.099	0.09166667	0.09009524	0.05971429	0.05028571	0.08380952	0.07542857	0.04085714
0.47053806	0.4203571	0.3240809	0.43449995	0.47347139	0.27185711	0.30894281	0.30894281
1.34461897	1.47766657	2.07271415	2.25002363	1.74706173	2.05621411	2.10372361	2.12949502
0.08860486	0.10408095	0.08009047	0.02687143	0.03221428	0.03017143	0.04871428	0.04274285
	0.49971429	0.17914286	0.22691429	0.25268571	0.25017142	0.29071428	0.30957142
0.00785714	0.00785714	0.00722857	0.00722857	0.00785714	0.00785714	0.00314286	0.00314286
0.15504762	0.15347619	0.18773333	0.1927619	0.1826	0.16238095	0.1592381	0.16761905
1.26405705	1.41276657	1.75701417	2.01991415	1.66822846	1.60044752	1.74936657	2.00990942
0.74642853	0.31585709	0.52014281	0.59085711	0.63642854	0.5441857	0.51872855	0.51872855

0.04295238	0.04494285	0.03760952	0.02744762	0.02928095	0.02456666	0.02048095	0.03451904
0.0885238	0.08485714	0.10177618	0.07459047	0.06505714	0.07039999	0.07060952	0.11329999
4.95612812	5.28052328	5.25820897	5.26512325	5.39267083	5.64064223	5.75849935	6.00741361
0.28914282	0.28432378	0.24540474	0.17285712	0.23152378	0.24252378	0.31952377	0.31952377
1.56330929	1.41753313	1.97947593	1.9655426	2.182714	1.88152359	2.28684737	2.20020925
0.2488095	0.25719045	0.31376187	0.31690473	0.31260949	0.30538092	0.42428567	0.43999996
0.03928571	0.04509999	0.01492857	0.01995714	0.00942857	0.00754286	0.01241428	0.01571429
0.20428571	0.198	0.20114285	0.19485714	0.20051429	0.187	0.15714286	0.04714286
0.01733239	0.02826706	0.02864472	0.02853398	0.0174595	0.01755815	0.01775011	0.02103444
0.08486611	0.08832408	0.08229293	0.08312461	0.03442072	0.03886735	0.02996694	0.04119276
0.91061545	0.91134265	1.01360006	1.2599618	1.04958195	1.17496387	1.20120211	1.25759622
2.8646E-05	3.8911E-05	2.7463E-05	3.3306E-05	2.5996E-05	2.633E-05	2.5515E-05	2.4656E-05
0.45437039	0.37595662	0.29168327	0.75338939	0.76794876	0.80093346	1.17380951	1.04626577
0.28382508	0.16713928	0.1701238	0.17310858	0.17609311	0.17907789	0.18206241	0.18504693
0.24772429	0.26264744	0.26264744	0.2686167	0.32234004	0.46858691	0.11640057	0.12236983
26.0308739	25.9618284	25.8883233	27.2802274	28.1259291	26.896195	26.0160284	28.6800055
0.35942423	0.43985717	0.45639379	0.3773721	0.5281458	0.5515952	0.64842838	0.82379004
0.01530691	0.01589527	0.01610764	0.0160454	0.00878362	0.00854123	0.00894535	0.01002627
13.8957358	14.1261872	14.4409991	14.4471793	14.7719785	15.0589624	16.1869248	17.4501582
14.9721808	13.4529998	13.5025177	14.0132078	12.874039	14.0560745	13.3512371	14.1079002
5.12025717	4.8330797	5.23630541	5.67866373	5.95627335	5.88376322	5.5937327	6.01199347
0.04171322	0.0417995	0.03852967	0.04102349	0.04034672	0.03142689	0.03002881	0.02413708
35.720308	32.828808	32.2136224	30.4657078	29.1483394	30.1249752	28.5409167	31.0700299
0.22657915	0.25492212	0.27381753	0.28641447	0.2988468	0.53139527	0.6222289	0.70692863
0.07699816	0.12607013	0.10316576	0.10984299	0.11999822	0.1385369	0.15118859	0.16665833
4.05113263	4.61839515	4.91757412	4.92406582	4.90143201	5.74582966	6.23107708	6.77652366
4.55955903	3.43689264	3.53029862	2.8881665	2.22542915	2.05564642	2.42589879	2.55338785
0.1752263	0.24749369	0.31362717	0.1684341	0.18070187	0.18998487	0.19611874	0.20838625
0.10439179	0.10331578	0.1175452	0.10381721	0.06466496	0.06402727	0.06489781	0.04956722
0.65920601	0.96942768	0.85580572	0.81709336	1.19078351	1.25936873	1.11545357	1.73318091
10.3405021	8.76905726	7.82160276	7.62131468	8.12702726	7.1778618	6.98603342	6.916804
0.0088541	0.01510975	0.01520007	0.01561538	0.00890641	0.00901078	0.00832713	0.00902892
0.01712179	0.01725435	0.01748487	0.01741729	0.00975019	0.00958705	0.00988435	0.01049176
0.83693898	0.96069156	0.97828575	0.98269152	1.59915389	1.61306646	1.63793017	1.69192939
34.0219432	36.1153914	34.735753	36.1845717	35.6320658	37.2480926	36.6965605	34.5679487
0.04802704	0.0537067	0.05543726	0.05668567	0.02784622	0.0267812	0.02647439	0.0284383
0.06024571	0.06964727	0.06030484	0.06030484	0.06008084	0.0598571	0.0598571	0.0598571
0.02134512	0.03671893	0.03146169	0.01913854	0.00958692	0.01180049	0.01115944	0.01176468
0.16043826	0.1501938	0.37933205	0.22572235	0.29716632	0.38181639	0.39905586	0.30521929
0.03373007	0.03380087	0.02998698	0.03192793	0.03606665	0.03773176	0.03927362	0.0366065
82.6156547	80.3187924	72.8139976	76.2803561	81.8609509	77.5109287	83.2822021	87.4817188
18.5968152	17.2413074	18.0585663	18.1788425	16.4235889	17.6782084	16.6598616	17.5294116
4.59547307	5.17217472	4.22504255	4.51155402	4.75104681	4.71141291	4.66010779	4.27419682
403.139347	490.380894	447.032223	459.284924	369.622725	379.22656	395.257546	437.513366
0.61348961	0.67006471	0.64017365	2.00029383	1.92634183	1.79809315	1.64692445	1.40444684
0.53158165	0.55976032	0.61395519	0.55146482	0.70347217	0.59689251	0.5327558	0.57287282
0.65393063	0.65708002	0.77258711	0.77258711	0.01574602	0.00314908	0.00314908	0.01259694
0.07177393	0.04989373	0.0059693	0.04375982	0.06911801	0.07193823	0.07210279	0.0780721
0.00426251	0.00466683	0.00452317	0.00461261	0.00395592	0.00431687	0.00214257	0.0018891

5.89302733	6.01829035	6.32438369	6.15408758	6.26809838	5.80128503	6.35436782	6.40159669
0.00660906	0.00662702	0.00732583	0.00780011	0.01294716	0.01367867	0.0144021	0.01852303
0.01470416	0.01473817	0.0130752	0.01392163	0.04068383	0.04625329	0.05239209	0.05196909
0.39192928	0.42958235	0.46702606	0.56398475	0.61069611	0.64879602	0.59616301	0.55356822
3.33661467	3.39520568	2.90768976	3.0172033	3.28426454	2.8951739	2.48382366	3.50846428
0.01108878	0.01117633	0.01132565	0.0112819	0.00855253	0.00842563	0.00853967	0.00924341
0.20890207	0.21818507	0.2153651	0.20923123	0.23376678	0.23376678	0.2587958	0.27073442
17.8839569	16.851158	15.465428	15.3390171	15.6408408	15.8462585	14.7884645	16.1219778
217.500534	202.77443	194.015251	176.560339	172.089689	188.295585	176.21076	173.865704
0.18062883	0.182621	0.16201517	0.17250131	0.10668552	0.10762441	0.11363872	0.11843369
0.00285791	0.00288134	0.00291983	0.0029086	0.00187852	0.00203337	0.00179658	0.002195
8.90928162	8.11057169	7.83656142	7.64517139	7.0409891	7.10423842	6.83638442	6.81599304
1.93003749	2.13722445	1.19347033	1.19678402	1.42601965	1.30032116	1.26274569	1.07756197
8.309671	7.97846247	8.63343568	9.09086604	9.3278848	9.52661161	9.89079766	10.6797096
1.94026475	2.03123238	2.04822876	1.99226627	3.31319113	4.17745339	3.67183634	4.08479824
10.1169659	11.4436606	11.6367371	10.7780387	11.1200402	11.3423441	11.7438787	11.6309977
0.09086082	0.08454857	0.0846757	0.08163937	0.09077178	0.09383156	0.08740633	0.08425725
0.03067747	0.03467657	0.03595329	0.03855259	0.04938274	0.05218709	0.04791824	0.05558236
25.3546505	25.3513772	25.3922934	27.3459618	30.099221	30.358857	30.8569332	33.3857403
0.76873822	0.65405292	0.61675482	0.56400505	0.59908752	0.76835936	0.72513076	0.77880527
0.69623594	0.76278459	0.7567367	0.74149756	0.79871722	1.07085513	1.1122099	1.44633728
7.70500438	7.31017992	7.48276088	6.57484276	5.96999571	6.62994544	6.41039434	6.65860565
0.10722298	0.12377882	0.1132882	0.11840189	0.08917401	0.10545856	0.07718008	0.08819379
0.00056446	0.00103865	0.00057664	0.00057445	0.00046682	0.00050339	0.00054213	0.00063079
104.765785	99.2625108	104.834421	106.297178	99.4995897	104.760917	98.6075243	103.558959
0.19759272	0.21341133	0.20047208	0.19377129	0.16834056	0.16502688	0.19377158	0.17751839
121.572533	112.077011	113.761054	109.644815	109.662301	112.859045	106.449124	106.327862
1.00510664	1.15914091	1.32482051	1.18304627	1.34560433	0.76242003	0.57715154	0.58828929
0.70044205	0.73244154	0.85995208	0.91400354	0.80066092	0.93243489	0.49073257	0.67513069
0.12692836	0.12881303	0.11572512	0.12321522	0.19157748	0.20326799	0.22201135	0.23338472
0.05406003	0.05588445	0.05663109	0.05641209	0.03404328	0.03472898	0.03474982	0.03722125
0.0247053	0.02475558	0.02340888	0.02492408	0.03836268	0.04216655	0.04458651	0.04480488
0.03306142	0.03475963	0.03083756	0.03283348	0.02886931	0.02977376	0.03201949	0.0374928
0.03381854	0.03696763	0.03995216	0.04923541	0.04923541	0.04923541	0.05221993	0.0585184
9.88015613	10.1424742	10.4929724	10.3196691	10.9251572	11.766799	12.3041394	14.1985346
0.00557378	0.00747344	0.00644795	0.00642307	0.0037161	0.00375759	0.00377776	0.00426932
0.77948025	0.82621335	0.88542273	0.99686804	1.01900671	0.59206478	0.60268647	0.66602243
0.02872349	0.02941475	0.02980775	0.02969249	0.00923304	0.00999859	0.00853336	0.01138269
0.26435548	0.30229831	0.26778685	0.33642737	0.30182482	0.30482885	0.31747102	0.20600568
1.69200046	1.69665315	1.64734839	1.86599223	1.84451696	2.05835088	2.28696872	2.43861228
0.36719812	0.38875683	0.39363245	0.39788766	0.2919004	0.53381519	0.6863442	0.90177425
3.13351602	3.15982293	3.26342599	3.52224709	3.39299978	3.61302106	3.69564511	3.92476859
0.09663808	0.10293655	0.11172607	0.16345225	0.32375514	0.2814547	0.21964445	0.28863816
16.681929	15.371646	14.4147268	14.9918747	14.8543984	15.5994325	15.5963634	16.905436
31.7385553	32.0381835	33.1753062	40.1561913	45.0237418	45.3167273	43.7003584	43.2158768
108.885544	118.031209	105.497657	113.817661	111.221188	110.589757	115.671141	124.650181
9.2932142	9.08653195	9.57394009	9.49102158	9.63064469	9.9891579	9.87121152	10.2459209
89.1865308	90.9679446	93.5161763	95.144169	101.269941	106.356707	108.877743	109.63467
5.62243643	5.71145912	5.86828404	5.84323293	6.85864231	7.0804263	7.08458522	6.87212815
0.90309904	0.87133912	0.83412616	0.81343612	0.76268703	0.67709312	0.73767631	0.77549587

3.45523422	3.54585114	3.56325343	3.4714383	3.98333862	4.2342648	3.8683305	4.63091165
77.1858709	74.3902726	78.1412138	82.1017506	77.8190913	81.5844565	77.573347	82.4854123
0.36835396	0.3589064	0.37714349	0.37648489	0.36481601	0.37399384	0.34058753	0.34954136
2.26875666	2.47036568	2.31811546	2.43194415	2.74291583	2.58918664	2.60827336	2.87419511
157.555826	157.875225	161.108992	168.273268	171.543964	171.815616	180.538314	175.248827
18.1299952	15.428829	16.0348658	15.2964239	10.0013194	5.80953816	4.04368258	6.65840813
1.28720379	1.27776055	1.5098874	1.69225803	1.65788149	1.42728068	1.28814502	0.99817613
0.85758205	0.67117382	1.51503033	0.59688275	0.74980139	0.48265475	0.84867831	0.97318938
0.12581002	0.13194202	0.12003731	0.14461701	0.19398176	0.13884457	0.21564938	0.32612941
0.00172859	0.00189349	0.0018352	0.00187158	0.00212231	0.00206394	0.00274578	0.0027389
0.00326224	0.00328732	0.00333124	0.00331836	0.00321995	0.00326464	0.00344485	0.0036881
84.8299016	85.9824613	66.4935848	78.7870782	74.3093305	71.6546549	72.305785	70.6101203
0.31103782	0.3233056	0.3233056	0.32911004	0.33225943	0.3443626	0.35613666	0.36807501
0.04177897	0.05879699	0.05139692	0.04356209	0.00622266	0.00622266	0.00622266	0.00622266
2.96598803	3.80411288	1.45106244	1.82022028	1.61155765	2.07984996	1.72913677	1.01056792
0.04282514	0.04291235	0.03951695	0.04207462	0.05622806	0.0609515	0.06336659	0.06977687
2.08710046	2.17645258	2.20498224	2.37522668	2.4100548	2.47952433	2.53855828	2.58814495
0.00686427	0.00691925	0.00701169	0.00698466	0.00625119	0.00666576	0.00579922	0.00694217
0.95761198	0.97577324	1.0585087	1.14748321	1.24081697	1.2509413	1.26671904	1.14087974
0.02034108	0.02038181	0.01735877	0.01848228	0.05049782	0.05153667	0.05542128	0.05562726
2.05025476	1.73337603	1.45774508	1.26096316	1.03148621	0.97768294	1.05446315	1.09138442
1.58513512	1.55585795	1.64644925	1.48290455	1.67293061	1.73077209	1.66150419	1.69546086
1.41564538	1.22500077	1.09307519	1.07293868	0.97310738	1.12152021	1.10824869	1.19508593
0.13391733	0.15174088	0.15732329	0.16922382	0.0957122	0.11083929	0.10907936	0.10764445
3.85340217	4.03984455	4.26486661	4.54278906	4.60869411	4.78626264	4.94241364	5.03782791
2.13537854	2.0608126	1.7920757	1.59772015	1.26106663	1.30886092	1.46056397	1.6348868
0.23181055	0.23485385	0.22223691	0.19459463	0.1238963	0.13010918	0.02448377	0.01187265
0.03267924	0.03090839	0.03297242	0.03362443	0.04118097	0.03939199	0.04282217	0.03537807
30.8817087	30.8767232	31.9164332	30.2352833	32.8086259	32.2683789	32.2294097	31.5043921
0.44761782	0.32920652	0.44357641	0.65836078	0.37106403	0.31223155	0.47333546	0.62184262
0.05897792	0.05909714	0.05387554	0.05736259	0.11165511	0.11448244	0.12227264	0.12383995
0.1491345	0.1281608	0.093963	0.1094215	0.0861546	0.0861546	0.0952406	0.1045157
0.5085701	0.57226707	0.79965774	1.04384647	0.64119077	0.65927272	0.50582906	0.70803421
0.8187806	0.63317747	0.49759026	0.74724134	0.78681795	1.0021146	0.89010156	1.07720233
0.22914945	0.29186136	0.17221569	0.15324489	0.34130715	0.19744827	0.18778742	0.20019821
0.37479192	0.37694311	0.33575343	0.35732479	0.14659646	0.15434348	0.17590738	0.18262119
0.06058452	0.06198947	0.06234179	0.0621007	0.03792415	0.03692449	0.03740536	0.0393575
0.13617815	0.14214741	0.14828126	0.15414524	0.16326372	0.1601145	0.16293454	0.17188843
0.0916358	0.09202412	0.08314577	0.07960691	0.10010005	0.09638807	0.13978582	0.17368113
5.45418361	4.50960828	4.06198218	4.23179505	4.30411254	4.20604658	4.58166274	4.01129239
0.6581949	0.68295066	0.68512836	0.63939716	0.6361657	0.85393281	0.7300608	0.78025383
0.17455993	0.21938193	0.19575302	0.14698027	0.09433982	0.1034024	0.10497714	0.11043642
0.0675492	0.03240516	0.02324644	0.06079428	0.03447683	0.02697917	0.03012839	0.03957605
4.16435104	4.41860439	5.17444972	4.13427889	5.20332377	5.96543501	5.56716532	4.23206063
0.18594917	0.18699903	0.1892439	0.22589073	0.22562168	0.20280997	0.21147564	0.37175045
48.5163463	41.5020902	39.9544352	38.2011321	38.2811193	39.9213003	37.964941	38.9177308
4.24380671	3.90115656	3.87293502	3.91534749	3.31587657	3.77414849	4.1580338	4.23280569
0.85573905	0.98328402	1.02987396	1.14371432	1.13820797	1.31644356	1.23899845	1.34406646
2.63482577	2.74111925	2.81644687	2.86107507	2.91070403	2.91429586	2.99472691	3.26920673
1.03976166	1.57022709	1.71050201	1.28840078	1.20687682	1.77514194	1.81521933	1.80084372
10.558101	11.4682149	11.5222639	13.3910676	12.1766778	12.1060275	12.003115	12.0968505

0.30811483	0.31745721	0.3511704	0.36592896	0.35288428	0.3405411	0.48414259	0.50696738
5.23956432	4.75205862	4.13408657	4.78051617	4.41409456	4.20658768	4.47787715	3.7604525
5.1372542	5.69970609	6.0761105	6.62942926	6.47970916	6.52011388	6.59568474	6.39301595
0.48596667	0.70838833	0.55721682	0.64930447	0.19332379	0.19632619	0.11935636	0.11910133
0.21449715	0.24107048	0.22460173	0.22904284	0.15838417	0.21350427	0.20645157	0.22442275
63.7351403	60.7061871	50.391861	52.0107272	44.9598386	47.7288676	50.6818571	51.314117
0.50951526	0.51331263	0.51685972	0.51490896	0.52617979	0.54377091	0.50780498	0.57491375
12.6598451	12.463453	11.654348	12.9938992	13.7640718	13.8397519	12.9554471	13.2568288
5.24365322	4.99228259	4.89795697	4.967008	5.30786147	5.86166155	5.97149712	5.64441933
0.19220777	0.2069289	0.22190549	0.24665886	0.22113597	0.18590933	0.18565325	0.18276011
0.06707939	0.07499853	0.07268994	0.07412734	0.0465297	0.05896527	0.05593141	0.05729316
0.143734	0.15268789	0.16164178	0.12020815	0.126342	0.12335737	0.13795134	0.1439206
0.21642913	0.21686244	0.24736244	0.26337253	0.27188125	0.27454538	0.29672962	0.30289419
7.89674407	10.060262	10.2047205	8.14172716	8.57615625	8.26607562	8.21631231	9.74438374
196.086987	188.412262	168.959625	184.957612	189.348891	191.88288	173.646542	177.738571
0.03718751	0.04038567	0.04038567	0.0434522	0.09322767	0.09634544	0.11191014	0.09954359
3.01719681	3.0647863	3.15585053	3.18997617	3.34581328	3.37469405	3.49093003	3.62571014
3.95024808	3.87043175	4.01423997	3.65885383	3.48138679	3.83733087	4.67782607	4.95956847
0.27595639	0.28192564	0.29684878	0.91230252	0.84076294	0.62054187	0.95396573	1.03338989
0.34781902	0.3941342	0.4681692	0.55450993	0.34934429	0.3614474	0.3825044	0.4123507
0.64908925	0.8332478	0.60336364	0.60168031	0.6139551	0.61596326	0.68527184	0.60438961
2.7281E-06	3.2861E-06	3.0983E-06	3.2496E-06	2.8952E-06	2.7252E-06	2.5466E-06	3.0468E-06
0.01649165	0.01806279	0.01750679	0.01785311	0.01525784	0.01813937	0.01704961	0.01703716
0.09122472	0.09630111	0.08543566	0.09096534	0.0553466	0.0702503	0.07400516	0.07677982
0.27839026	0.42487805	0.46103073	0.43224543	0.43816201	0.45623452	0.40212242	0.51642079
0.06351609	0.06364326	0.05646214	0.06011658	0.08805592	0.09153584	0.10413404	0.10464403
0.0024073	0.00140885	0.00190357	0.0018962	0.00114067	0.00110919	0.00118087	0.00142382
0.00887571	0.00889544	0.00789173	0.00840269	0.00792121	0.00792083	0.00932041	0.01042481
0.0442733	0.04653719	0.04704154	0.04685963	0.21046783	0.18794881	0.30758948	0.3204236
9.10331783	8.90267543	9.10781711	8.9354288	8.59219109	7.06422408	6.70051597	5.86850187
2.98554807	2.83346276	3.09576546	3.34131853	2.49379135	2.93212055	2.95993402	2.79077043
10.894247	9.89516907	9.57617319	9.11990824	7.40909662	7.34153726	7.19182596	7.20029572
0.17943644	0.18960709	0.19574096	0.19568152	0.08856742	0.11340582	0.09027757	0.07798757
0.05701362	0.06064273	0.05380017	0.05728242	0.10989863	0.11968693	0.11026732	0.10974194
7.46912913	7.14965685	7.45151841	6.99577774	6.91023758	8.22080304	6.93452039	6.10834948
0.00041449	0.00041768	0.00046559	0.00046378	0.00115438	0.00119176	0.00155121	0.00170402
0.01952744	0.02119708	0.01880533	0.02002247	0.03087239	0.030018	0.0312088	0.03097351
0.07856591	0.07541669	0.08817816	0.12895343	0.15099797	0.09746123	0.12580421	0.19807168
9.56032174	12.1732229	11.4969189	12.8168036	13.01967	13.4146096	14.0164294	14.9785049
1.49385245	1.66204919	1.94450235	1.77054054	1.56198258	1.47204366	1.49780302	1.48769741
14.8815129	16.7053382	17.2735234	19.3859968	15.3874294	15.193273	15.9708314	18.7750631
							0.01004365
0.01261078	0.01447369	0.0142587	0.01454088	0.00655181	0.00673423	0.00666793	0.00770395
0.15027835	0.17633508	0.18528897	0.17758782	0.48716781	0.46985546	0.51896003	0.45460313
3.30888049	3.36911224	3.42301475	3.53277496	3.6653395	3.76337735	3.71372301	3.82424082
33.9763289	35.2831035	32.0385737	31.4995834	33.4969622	30.3587015	32.8855019	35.7576468
11.9983047	11.0023306	11.1799215	11.969329	12.4098502	12.7842768	12.6624856	13.5914243
0.77203482	0.64651977	0.45727002	0.37320338	0.35031516	0.46066982	0.45040516	0.47880745
0.04059695	0.03753689	0.04068611	0.03753689	0.04068611	0.03753689	0.12112326	0.13652645
61.562492	53.2935373	46.7243951	49.0907301	47.2116838	45.8932291	47.3130495	45.2270916
1.20837404	1.16596272	1.24382424	1.20791319	1.19283139	1.11346536	1.06965795	1.04176313

663.318334	647.470954	592.138388	608.630218	643.459798	629.282891	633.204023	650.829353
37.7844107	41.3786678	42.2722195	43.7019607	46.1615574	46.562737	48.9540253	46.5967088
0.00410758	0.00487355	0.00539499	0.00537418	0.00268731	0.00310627	0.00330276	0.00366472
5.3460615	4.57389794	4.55652161	6.22763509	5.91656869	6.15499322	6.0804882	4.86077395
0.00196257	0.00197789	0.00200431	0.0019966	0.00179413	0.00178436	0.00184776	0.00211229
6.27636341	6.34307496	6.83880428	7.06504791	7.73340979	8.70718929	9.43669362	9.23225633
0.00483425	0.00529436	0.00513139	0.0052331	0.00548973	0.00692397	0.00611025	0.00686728
0.01278753	0.01400048	0.01356952	0.01383782	0.01221122	0.01428637	0.01323815	0.0131511
2.4990816	2.79768334	3.01683291	3.06511294	3.44274317	3.75884958	4.33845517	4.71807382
16.516885	16.42599	15.1364537	13.6792183	12.8663364	16.6349947	19.6717533	21.5014173
0.22729384	0.24073016	0.2103809	0.18301312	0.17995226	0.18312152	0.19202278	0.19805804
3.13329236	2.99538543	2.91110912	3.22779541	2.97373658	2.06178464	1.82577362	1.84973257
8.2026E-08	1.2386E-07	1.0814E-07	1.3558E-07	9.9924E-05	9.9881E-05	0.00013304	0.00010608
0.02505101	0.02504039	0.02503824	0.02503398	0.02503929	0.02534433	0.00027987	0.00038014
11.5538664	12.127265	13.3263909	13.3339498	11.9070266	11.1121822	10.3525176	10.1302678
							0.00080313
0.11109162	0.11588773	0.11398043	0.08110426	0.10106087	0.07703671	0.10167746	0.18990348
0.0684633	2.6974487	2.75339446	2.63840395	2.77637001	2.84090956	2.5549526	2.53375882
5.60378972	5.05398079	4.47832781	4.47198141	4.74640931	4.5871593	4.26484882	4.45548303
12.077246	13.8422491	15.7386002	16.230497	15.9586684	16.9861502	17.0487582	17.525387
7.244E-08	6.9652E-08	6.081E-08	7.6237E-08	5.5196E-08	5.2602E-08	5.6311E-08	5.9323E-08
20.6709374	21.8645291	22.4926717	22.3827769	22.1754062	21.4588797	19.2661623	26.0043627
5.86915125	6.42399671	6.86885222	6.02112889	6.54074045	6.68959947	7.75655859	7.15708272
1.72222655	1.49559605	2.01475872	2.56766562	2.20846376	2.80385492	2.72264911	3.20368567
3.2447E-09	3.1584E-09						
6.04924698	5.39707658	5.4953828	4.72071617	5.19075738	5.22613734	5.36363681	5.46459403
3.7811E-08	3.1194E-08	2.4105E-08					
5.9894E-09	9.5258E-09						
0.67999092	0.93064109	0.91112625	0.90945243	0.66460319	0.72714546	0.74600468	0.81048813
2.8365027	3.7081445	4.19570767	5.53182994	3.45228363	2.95011167	2.6678794	3.06350863
2.90114451	2.84528063	2.84074483	2.71106224	2.85580495	2.78744052	2.8825324	2.89261882
4.9404E-07	4.5272E-07	4.4376E-07	4.9327E-07	4.0635E-07	3.9431E-07	4.0853E-07	2.9328E-07
0.00407906	0.01309519	0.01686234	0.01626329	0.09736799	0.099124	0.0902543	0.1188153
2.33460613	2.86245676	2.56340679	2.14749898	2.98367008	2.78696355	2.80290272	2.99548964
4.1902E-08	6.621E-08	5.7384E-08	7.4194E-08	5.5968E-08	5.5493E-08	5.242E-08	5.3422E-08
8.1029E-08	7.5608E-08	6.601E-08	8.2756E-08	6.127E-08	5.9042E-08	6.2222E-08	6.2077E-08
1.93647261	3.41105919	2.93898325	2.09128268	1.47505831	1.26395154	1.34749234	1.40414578
34.0239639	34.4652564	34.368585	31.2213753	29.8540389	28.690301	28.3759486	29.4838871
0.01343027	0.01348696	0.0156733	0.0164202	0.00276069	0.00172728	0.00207749	0.00179613
3.09732256	2.99911957	2.36625062	2.81817426	2.90096462	2.64475267	2.13852196	2.57756691
0.00031272	0.00017271	0.00013177	0.00011827	0.00048504	0.00075389	0.0007918	0.00059857
0.0067399	0.00686356	0.00819741	0.00834758	0.00836524	0.00821508	0.00841824	0.0072699
2.6238E-09	2.554E-09						
55.1221533	56.2965873	58.7353464	61.0575249	61.1405271	64.1579701	69.0285601	72.9123096
0.72785359	0.704126	0.71791452	0.74236026	0.66969189	0.71699082	0.74112563	0.68798143
4.95506862	4.38552535	5.11632733	5.08531303	4.22630551	4.27207213	4.80207284	4.69292395
184.060183	228.474912	213.816206	204.459097	244.833492	242.096247	242.436404	299.248087
0.56857137	0.62937583	0.55628466	0.6653668	0.71490405	0.79813904	0.94895542	0.39224481
2.49497693	2.32791948	2.34396798	2.33689212	2.35058138	2.34389583	2.12219212	2.13755921
1.2133182	1.2695381	1.13003966	0.93834599	0.83363639	0.90056815	0.90245073	1.10860998



2.83810762	3.05801452	3.69239781	3.78774403	3.99690138	3.75489465	2.34622454	2.80767783
7.13574674	7.72456671	9.73916485	8.56846793	8.65056408	8.85468121	8.49165782	8.37142191
5.141E-10	5.0074E-10						
1.1438E-09	1.1136E-09						
0.11818619	0.12127661	2.7732E-08		1.9394E-08	0.05620094	0.0875648	0.07798134
0.32616417	0.54600946	0.39185207	0.3813551	0.67835672	0.90990817	0.54112656	0.67418296
5.2478E-08	4.8974E-08	4.2757E-08	5.3604E-08	5.3744E-08	5.189E-08	5.3758E-08	5.4691E-08
0.08424982	0.08940065	0.09252685	0.10705974	0.10420777	0.05417381	0.10678789	0.10678782
6.75142005	6.67790733	6.40818104	5.0726905	5.67905937	5.27727192	5.87161524	6.24283796
43.190425	39.9013814	42.5008451	37.3878471	40.6471442	37.3471981	37.2882407	34.8622306
1.4051E-08	1.3799E-08						
1.3525E-08	1.2626E-08	1.1023E-08	1.382E-08	1.1805E-08	1.2523E-08	1.131E-08	1.2987E-08
2.48890428	2.46286759	2.38120559	2.75849363	2.6884538	2.71036694	2.6414558	2.79643668
0.03878908	0.04155963	0.03878945	0.22513748	0.19056995	0.19193375	0.22236694	0.22968924
35.8788908	33.4463626	32.0952385	32.7386008	34.4365836	31.0538651	30.3579154	32.3493923
4.9825583	4.58582973	4.35015434	4.24038256	4.51162984	4.62908427	4.26411004	4.3409123
8.8068809	9.1132595	8.84415411	9.40522341	11.3001527	11.2840474	10.4034056	12.7750182
0.04751214	0.02670339						
15.8519515	16.2138174	16.4972623	16.2308553	16.361038	14.6034395	13.638964	17.3832402
2.12580075	2.0862767	1.59147029	1.1736763	1.93165703	2.04105132	2.02707105	2.08652273
0.01108281	0.00554142						
2.65262608	2.24610441	2.41097559	2.46931116	3.89772523	3.86969352	4.11962054	4.07457649
2.6713E-09	4.5513E-09	2.177E-09	2.7294E-09	2.9335E-09	3.1001E-09	3.4128E-09	3.7322E-09
31.6748524	30.8840717	30.7579613	30.7689742	30.2450535	30.3158371	29.0359054	28.2402333
4.85098633	4.44839199	5.23034259	4.99624456	5.05803652	5.17648502	4.99348142	5.86001472
51.0812894	52.4879155	51.6025879	49.2929937	47.1912254	44.5808216	44.6751392	44.6681714
0.22654198	0.24941014	0.2386564	3.335E-05	3.9201E-05	0.29307011	0.45370631	0.56149737
0.05264168	0.00277052	0.04155932	0.07480662	0.06372405	0.06926542	0.07973485	0.08829292
9.8733E-09	9.7331E-09						
2.5584E-07	2.4488E-07	2.138E-07	2.6803E-07	2.1393E-07	2.1388E-07	2.1875E-07	2.2023E-07
1.9217E-09	1.8705E-09						
2.5717E-09	2.6264E-09						
1.2859806	1.75043336	2.13572949	2.31558642	2.37533393	2.72427697	2.05209051	2.33410577
2.74956561	2.75979485	2.79733955	2.45529692	3.1084615	3.13380531	3.18104479	3.02467953
2.6378E-08	3.2748E-08	2.4343E-08	3.0518E-08	2.3352E-08	2.3141E-08	2.3781E-08	2.5261E-08
0.05724641	0.06063991	0.03368185	0.04171914	0.03308432	0.06135935	0.060018	0.04796803
1.3593E-07	1.2889E-07	1.1253E-07	1.4108E-07	5.802E-08	6.1577E-08	5.3718E-08	6.7349E-08
0.93383285	0.36971949	0.37109923	0.38301223	0.4029005	0.4132718	0.4129965	0.41780848
0.00326915	0.00326915	0.00638043					
2.56426574	2.10027064	2.14327845	2.05991533	2.09615694	1.95878514	2.12850565	2.16104215
4.28058555	4.43674971	3.84843975	3.91864093	3.03934576	2.86214447	2.46187476	2.48368143
49.914923	53.5298713	61.6277426	51.2109035	41.6090104	43.3431233	45.0361002	47.8957491
43.4008125	41.011518	39.1179186	47.9475578	50.0873529	49.5486789	53.9715346	57.1321237
0.38873927	0.38110683	0.40059449	0.44508934	0.43059271	0.54710333	0.56614786	0.64360728
37.612347	37.8216484	35.3606649	42.9694224	43.810915	41.4854252	42.4780231	51.4460964
8.98571887	12.9533785	14.5464921	16.7137382	18.080051	18.0862483	16.9427439	16.0207041

1.55582198	1.82339194	2.73193958	2.5887997	2.7879139	2.84392132	2.6696837	2.5047663
22.2129629	23.2854548	23.7000627	21.9273164	22.4791288	20.0490698	20.8130152	19.6551751
0.01264049	0.01264053	0.01264053	0.01264033	0.00943224	0.00943222	0.01264085	0.01264062
0.48260784	0.49517137	0.5139732	0.49514309	0.46383461	0.41053485	0.46698926	0.4826593
70.4097171	70.2791264	66.627635	69.4946815	67.7714366	65.3304148	66.0102367	65.0101639
11.5493113	12.8083643	13.9634343	13.8521746	21.0294265	22.1652727	32.4762831	35.1462274
0.22501236	0.20945506	0.21776682	0.21499634	0.25757786	0.21499623	0.20080211	0.1893789
0.00142337	0.00181201	0.00148715	0.00143278	0.0014627	0.00163203	0.00157527	0.00141216

1.5439E-08	1.4405E-08	1.2576E-08	1.5767E-08	2.0234E-08	2.0105E-08	2.1686E-08	2.1822E-08
18.2525251	20.6491251	20.5944397	20.8445365	24.2295208	24.308511	29.5719302	29.4357048
12.0243301	13.3748769	11.955214	12.6174863	12.6561689	12.2392369	12.7906291	15.2064674
0.00018296	0.00022286	0.00024838	0.0002726	0.00020521	0.00025793	0.00036811	0.00044214

3.3312E-09	3.2424E-09						
18.1522451	14.3354832	12.8196681	12.1350634	12.683561	11.5129231	11.0970984	13.0398601
3.2485E-08	3.032E-08	2.6471E-08	3.3187E-08	3.9282E-08	4.1051E-08	3.6506E-08	4.1075E-08
0.15556469	0.14684767	0.15825358	0.14649167	0.16757536	0.14615546	0.15487255	0.15880926
1.5823E-09	1.54E-09						
1.09992473	1.33453004	1.60756518	1.15937689	1.23120555	1.53587207	1.5351299	1.55893587
0.15161586	0.05336087	0.00489753	0.00030294				
0.09045793	0.09491742	0.2051099	0.19382678	0.15106815	0.02997975	0.03496367	0.04440536

0.29814485	0.31365627	0.32102892	0.38074947	0.35773308	0.36300783	0.32698444	0.23554252
0.24437474	0.18016482	0.23608511	0.21628873	0.17540425	0.16128578	0.14693066	0.15753356
2.4591E-07	3.2143E-07	3.0619E-07	3.4878E-07	3.6104E-07	3.1143E-07	1.2979E-07	2.8761E-07

46.5336397	52.318279	56.0122343	49.4664577	54.1398306	54.1334063	54.2110797	59.7826468
0.0016494	0.00154653	0.06094281	0.0141802	0.01405045	0.01737118	0.01098684	0.00790279
4.5877E-09	4.4654E-09						

0.40457032	0.5199922	0.43046486	0.52647977	0.47112631	0.52562489	0.56306752	0.55631396
0.00275527	0.00261867	0.00269275	0.00272753	0.00280609	0.002809	0.00303292	0.00293846
0.00018714	0.00016843	0.00016843	0.00015907	0.00014972	0.00026201	0.00041173	0.00034623
2.9114E-08	2.846E-08						
2.8672E-07	2.7163E-07	2.3536E-07	2.9506E-07	2.3831E-07	2.274E-07	2.3547E-07	2.3287E-07
0.00051189	0.0005312	0.0005312	0.00060846	0.00076299	0.00046359	0.00057949	0.0006382
12.090603	18.8764538	13.9773634	17.1703689	19.5228177	19.0356142	15.427179	22.4775655

0.06423106	0.06422475	0.06423073	0.06422641	0.00756756	0.01357872	0.00877777	0.00637596
71.2653967	63.7736413	56.8724806	54.5949575	60.959132	61.8254046	50.7109945	56.7319233
0.06329611	0.06374511	0.06374519	0.0814209	0.07865035	0.08973266	0.06991106	0.09141597
14.2366846	13.6990756	13.4876259	12.4544579	12.7906777	12.8829157	12.5642099	12.9005104
10.795767	13.2684478	14.0855267	15.4157528	11.071668	11.1687243	11.2497097	12.1086738
				0.00015987	9.4039E-05	0.00011285	9.4039E-05
2.44162129	2.17977631	1.44916615	1.4078097	1.47171708	1.45662002	1.5081987	1.44498664
8.87424317	10.2353342	9.95553701	11.085066	11.3215166	11.2552637	11.3667667	12.1316308
3.69676824	2.9876503	2.73493847	3.5623286	5.9593422	5.73456565	2.57585604	2.59920295
0.19481674	0.13940557	0.13940582	0.14217642	0.14217625	0.14217628	0.13575829	

2.60952399	2.34374805	1.7865323	2.12239192	2.1948396	2.22009119	2.09233541	1.87286789
2.16744259	2.12619456	2.22486764	2.42142375	2.80536864	2.40073517	2.36774203	2.71090115
0.00438194	0.0036141	0.0031101	0.00529274	0.00366045	0.00358869	0.00105361	0.00117789
0.02632945	0.05860145	0.72047262	0.13689124	0.30138011	0.14949784	0.19711766	0.16693518
21.0415518	19.5151781	18.0801759	17.000388	16.3594503	15.1406061	13.4329545	14.6266249
0.00174327	0.00216615	0.00143383	0.00072469	0.01045472	0.00908452	0.01207292	0.01234057
0.46410232	0.42516291	0.38494121	0.30118708	0.32507673	0.35320102	0.34347286	0.35167418
2.63606811	2.76057643	2.36274807	2.79811143	2.45721209	2.44610393	2.29691321	2.67004193
1.3915E-07	1.3199E-07	1.0814E-07	7.9274E-08	7.3336E-08	7.2786E-08	7.0807E-08	5.7151E-08
7.57873792	11.3872669	12.2047143	14.7093347	13.2822196	12.3298749	12.5395073	14.3503796
1.6835E-08	1.6386E-08						
11.8282453	15.0006901	13.7909468	10.0914204	9.78351472	10.7581524	12.290791	10.9497539
177.926198	167.097468	193.10944	199.186347	184.660366	185.673293	187.496867	223.826139
0.0041514	0.0041514						
23.8746641	24.125479	23.896671	22.4198052	23.0023012	22.7072897	25.3975104	26.9438603
0.71765541	0.72994789	0.71079935	0.60716286	0.618888	0.6295877	0.6712111	0.61262284
0.06984861	0.09476129	0.08749242	0.19298874	0.41545182	0.37902809	0.5512259	0.60381275
0.01662585	0.02216622	0.02493668	0.02493604	0.02770641	0.03047703	0.03047706	0.03878929
10.8217753	10.8233138	10.1546492	9.31442251	8.78867941	8.58013937	8.53624165	7.05465525
1.8535E-06	2.5996E-06	2.684E-06	3.0456E-06	7.9204E-06	6.338E-06	7.2624E-06	8.6496E-06
9.1768E-08	8.0659E-08						9.2627E-11
0.04987102	0.04432978	0.04432978	0.04710025	0.04710027	0.04710023	0.0415591	0.03878869
4.9407E-09	4.8089E-09						
1.1393E-08	6.1735E-09	7.1864E-09	9.0096E-09	7.1679E-09	6.831E-09	7.4337E-09	8.4244E-09
6.9041E-10	6.7214E-10						
0.00779338	0.00726221	0.00774343	0.00871005	0.00588432	0.01643544	0.02844867	0.02802061
4.44493649	3.98337961	3.70143003	3.69057791	4.08120198	5.38120942	5.85131453	6.35930906
0.08695503	0.13830359	0.08119506	0.09433392	0.08707828	0.02791616	0.03054071	0.02860787
3.63308738	3.58315117	3.87720528	4.04297252	4.11268848	4.31962938	3.62552066	3.03904049
0.00134987	0.00356825	0.00356825	0.00462513	0.00395542	0.00329619	0.00443677	0.00469837
4.4349E-09	4.5821E-09						
8.30138699	8.06324055	7.77691617	7.80738172	7.98761669	6.37224343	5.29766921	4.9881129
1.9616E-09	1.8302E-09	1.7577E-09	2.2036E-09	7.2541E-09	7.3395E-09	9.765E-09	1.0082E-08
0.0074613	0.0025245	0.002244	0.0014025	0.0002244	0.0037587	0.0188496	0.15077817
5.74989329	5.8709796	7.82848779	8.68077612	9.98918831	9.68283698	10.170402	10.4307431
8.8594E-05	9.5805E-05	0.00010716	0.00010748	0.00011949	0.0001305	0.00022852	0.00028594
3.54659187	3.11991741	3.80490441	5.02254296	7.24715142	7.70390149	8.93342258	10.1227174
		0.0627198	0.1616241	0.2264196	0.1224663	0.1038411	0.0985116
2.65100642	2.59196999	2.45015176	2.28333062	2.47598102	3.26375041	3.92019821	6.21961182
0.6833909	0.65820127	0.70032508	0.79955387	0.73006064	0.7141926	0.70754589	0.67476882
8.71534304	10.2823571	10.7487966	9.70392106	9.32552865	8.27369623	8.31125201	8.98965932
12.9031217	16.4451798	15.3912022	15.1811489	16.2277861	16.2789293	15.3209333	16.0891064
0.0393388	0.03905862	0.03922293	0.03951259	0.00076299	0.00075333	0.00076299	0.0005312
37.3971545	38.1441582	40.4285094	41.8389941	44.0981701	38.7605512	35.9126175	40.7625222
0.30191109	0.26229125	0.36643533	0.33821621	0.36380213	0.36187267	0.29124163	0.31752343
298.607577	296.871833	298.571333	287.446442	292.251665	283.740889	315.303062	317.057528
11.1322794	9.78912821	10.6051798	10.4729749	11.4339348	12.2839229	13.6129202	12.7242573

1.9439E-08	2.1356E-08	2.0367E-08	2.5535E-08	1.6887E-08	1.913E-08	2.0791E-08	2.1683E-08
40.3921907	41.3459135	40.5963814	43.2583341	48.4575133	44.0666188	41.3046478	40.0921654
9.2879E-09	8.667E-09	7.5668E-09	9.4866E-09	1.1274E-08	1.0989E-08	1.1632E-08	1.2498E-08
1.41233809	1.12626965	1.2219037	1.83589244	1.49132707	1.49910382	1.21378098	1.41893089

1.32748164	1.42071199	1.33805786	2.28514722	2.60821431	2.48405766	2.2143478	2.71016829
55.9860964	56.400896	53.6136419	54.9098035	55.1701336	78.5977307	79.5927975	75.2431173
0.05509614	0.07405328	0.08204922	0.04207458	0.02189586	0.03298446	0.03853256	0.04131009
0.15619306	0.23520904	0.2358163	0.35309415	0.32460121	0.32284334	0.29726418	0.25081037
0.0064662	0.00958686	0.00974074	0.01041616	0.00667924	0.00783392	0.01847342	0.01796367
0.32897439	0.30504145	0.2904315	0.28575868	0.24510174	0.18511088	0.27991868	0.21483653
1.88532627	1.73729039	1.29865922	1.48088889	1.5729602	1.61653542	1.77608107	1.83167662
0.00096434	0.00091376	0.00150842	0.00148215	0.00156086	0.00142385	0.00134714	0.00133612
0.45927766	0.24083639	0.40149739	0.48542019	0.47224314	0.53616616	0.42921906	0.50349307
0.4262728	0.44494179	0.46361047	0.48539076	0.50405975	0.50094815	0.50405975	0.50717136
37.715325	39.9063635	39.3588849	38.6500977	33.6753915	41.6038416	37.8158646	35.9369173
17.741898	20.8076768	20.2476405	18.28879	17.8693664	17.6361998	17.0821896	19.0045505
0.44659166	0.85139968	0.97331276	1.02835171	0.72291582	0.80031707	0.79870133	0.98783686
0.00571056	0.00539093	0.00547746	0.00585728	0.00336023	0.00381084	0.00930987	0.00856256
45.9956006	47.4749037	47.5996618	47.4678458	47.9851374	47.262183	37.9129607	44.2655523
9.82736263	10.9705657	10.3086483	9.52151884	10.6840838	10.5406148	10.2967921	11.0513421
4.43116969	3.9276161	2.13225592	2.59144321	2.67211459	2.19624501	3.00812322	2.38244974
0.02474916	0.02624004	0.02674965	0.02685187	0.03049676	0.02361343	0.02160334	0.01857675
24.9400578	26.0695508	27.0769598	27.8378948	29.1133732	30.7000553	24.6083857	25.0351318
0.14876275	0.17705698	0.13709322	0.15955319	0.15634468	0.15274752	0.15284476	0.14039898
0.04568432	0.07914173	0.07162397	0.07189758	0.09070271	0.10409339	0.10876814	0.12826613
2.96179515	3.62648075	2.85972086	2.84775128	3.04326317	4.42919071	4.79826483	5.49595445
8.73400392	14.1132388	11.3678794	7.84749083	7.97885471	7.86633634	7.4863148	8.08735257
0.05377166	0.07053454	0.07462426	0.075937	0.08154146	0.12582118	0.13031489	0.11794472
0.03894549	0.03503988	0.03997166	0.03789786	0.02473799	0.02856705	0.06754236	0.042331
0.34730692	0.55487264	0.46018396	0.43256892	1.50441973	1.33390877	1.49028858	0.38879664
3.84940155	3.86542138	4.43930111	4.25428133	3.2068823	3.25737736	3.23089209	3.6048345
0.0033032	0.00512452	0.00516884	0.0057003	0.0034072	0.00402034	0.00866645	0.00771081
0.00638763	0.00585187	0.00594579	0.00635808	0.00373	0.00427746	0.01028713	0.00896009
0.81123354	0.88773172	0.98486558	0.99835646	0.88865601	1.06984455	1.23996113	1.1328362
64.9803268	68.8748609	70.9410257	75.529015	83.0858055	80.9724149	83.7749747	82.7126323
0.01576666	0.01642019	0.01704757	0.01862626	0.01018081	0.01165714	0.02698523	0.02390985
0.23083616	0.26933842	0.19560186	0.16678399	0.14105668	0.11538851	0.12501408	0.13143112
0.09871291	0.0855833	0.0887325	0.09742022	0.12223001	0.10944832	0.12249103	0.12199944
0.54325362	0.54622183	0.95143447	0.84534107	0.85741024	0.93138093	1.0710758	0.89926863
0.02001263	0.02121882	0.02081879	0.02089838	0.0272616	0.02835077	0.02825424	0.02817365
81.0861759	81.0279127	78.4478372	79.1749673	82.7003105	76.7141948	77.9902625	81.3426947
6.31667902	5.93101816	5.96384781	6.36564447	5.75244594	6.07070818	5.46629246	5.75804835
9.5694943	12.7698499	10.6925788	10.2037592	10.3338442	11.2399033	10.4324502	10.8345441
968.658193	961.127928	1023.8162	871.488158	904.045198	958.838376	996.753988	1136.14907
0.52418179	0.61302068	0.50769144	0.75825365	0.74515835	0.73254801	0.68433879	0.52066755
0.15246264	0.15557391	0.14623942	0.17424292	0.19291191	0.19291191	0.20846931	0.1960232
				0.04356057	0.05600668	0.06845246	0.09645596
0.02800317	0.018669			0.00311161	0.01244578	0.00622289	0.04044929
0.00613008	0.00562825	0.00578525	0.00639458	0.01011477	0.00898606	0.00524641	0.00462941

16.0746224	16.883162	15.5820595	14.6599328	16.0785976	15.8645159	15.8765493	14.4152152
0.00392127	0.00416018	0.00508604	0.00510555	0.00978633	0.01027783	0.01036116	0.01425597
0.00872423	0.00925203	0.0090776	0.00911239	0.03075157	0.03475365	0.03769193	0.03999725
0.65168443	0.70171141	0.75790465	0.79838438	0.85772485	0.90557438	0.73249615	0.96026117
7.30735642	9.34869299	9.88484597	11.2131509	10.9735018	11.7277307	7.84061053	5.66011184
0.0041369	0.00379049	0.00385133	0.00411839	0.00327182	0.00375926	0.00888766	0.00789398
1.37300129	1.29166839	1.32949818	1.36857293	1.40244363	1.34241211	1.3342814	1.37241867
25.3712257	24.7696099	23.2049131	19.9097817	24.0830182	22.4021741	20.499837	20.6334305
110.517698	108.203278	105.998806	101.685155	102.739785	96.4402705	95.8432247	98.5713684
0.10717016	0.11464209	0.11248082	0.11291049	0.08064008	0.08086647	0.081754	0.09115075
0.0010662	0.00097721	0.0009929	0.00106177	0.00071864	0.00090723	0.00186979	0.00187455
5.89826125	5.81611852	5.64883501	5.70844743	5.39011213	5.58447879	5.19137407	5.22321209
1.07944701	1.25975824	1.02020054	1.12655297	1.28340645	1.26570046	2.09284415	2.07440439
5.87988321	5.29398707	5.65714874	6.05017905	6.16401096	6.25391894	6.61534077	7.01464583
3.0231144	3.06122866	3.19951663	2.92586809	2.73094973	2.68069507	2.90357711	2.77944883
25.3169038	26.7219595	24.7431929	26.2914498	25.2933542	32.8134363	30.8540215	28.6492164
0.04676909	0.0498807	0.03743491	0.04375472	0.03743491	0.04375472	0.04064343	0.04064343
0.01881747	0.0199911	0.01969746	0.01973874	0.02639638	0.02653572	0.02690021	0.02619985
38.9396547	44.4876732	44.2127639	41.3423823	47.1884677	51.1970674	51.2798775	53.9866313
1.6788334	1.43591639	1.28477205	0.89073724	0.95269312	1.14197646	0.82226189	0.95828088
0.60973542	0.66039273	0.7176609	0.70871437	0.79097199	0.95917999	1.00351715	0.94575761
11.6360333	11.9322181	13.3930955	12.7877697	10.93441	10.8630501	10.4994895	10.1651734
0.18955246	0.17001487	0.16655727	0.18729533	0.25338725	0.23848819	0.21033026	0.23877412
0.00021058	0.00035226	0.00019609	0.0002097	0.00017859	0.0002246	0.00056422	0.0005387
62.6290911	61.6166128	58.4677044	56.6217139	55.4485298	59.3442302	57.1552162	56.6253221
0.46097985	0.50989965	0.52460307	0.48509714	0.52389364	0.53377625	0.3433288	0.35580409
68.0484727	66.8656417	63.5358787	62.4548011	62.3226383	65.9552111	61.5041995	61.1397186
1.21214003	0.94350084	0.7702605	0.64908373	0.65469641	0.33283137	0.26867256	0.35456545
0.49508019	0.51108562	0.58504619	0.66413217	0.6764819	0.6510752	0.8273202	0.82126218
0.07530876	0.08086362	0.08034344	0.08065035	0.14480712	0.15273083	0.15971947	0.17962111
0.0201682	0.01895339	0.0192576	0.0205929	0.01302347	0.01549503	0.03616585	0.0317874
0.01465808	0.01554055	0.01625187	0.01631402	0.02899709	0.03168296	0.03207644	0.03448341
0.0196159	0.02182069	0.02140932	0.02149111	0.02182136	0.02237131	0.02303547	0.02885578
0.0288767	0.03850226	0.07146746	0.058161	0.09852159	0.09064183	0.27346253	0.29582602
10.3133046	10.4304777	10.3922255	9.30309546	10.1970059	10.3297231	9.89216698	9.53510464
0.00207941	0.00253464	0.00219265	0.0023447	0.00142162	0.00167652	0.0039317	0.00364605
1.22204195	1.25380652	1.29211493	1.12953417	1.29503324	1.34058577	1.02969209	1.07925944
0.01071589	0.00997611	0.01013623	0.01083907	0.00353216	0.00446107	0.00888109	0.00972096
0.42805833	0.46293531	0.49792596	0.4120658	0.41842864	0.39622085	0.38044404	0.19333316
2.68806759	2.64060975	4.43556553	5.88495455	4.29094943	3.77508495	2.92715673	2.8978126
0.91832826	0.71323177	0.78284881	1.00587241	1.04468406	1.19882372	1.19741878	1.43621111
2.76059919	3.00715713	3.01024886	2.87792689	2.83781608	3.07767022	2.93927988	2.99956028
0.15548729	0.24580621	0.30560354	0.35334018	0.25007115	0.25007115	0.44510171	0.43356702
8.54094571	6.87650348	6.42582975	6.21127478	5.76235695	5.99902797	6.05581802	5.90437908
46.8809363	50.9002013	47.6315388	61.2391355	57.9429995	62.2060173	58.9849141	74.6716685
156.924923	173.134874	182.583771	187.799169	192.274746	193.979694	207.670197	198.42461
4.02080742	4.33746731	4.26928726	4.42693561	5.15488043	5.11734453	4.78486119	4.93998743
37.2958368	42.6351695	38.304454	42.7970905	43.4500521	43.7282718	44.9632822	48.993423
10.3059823	9.80286039	9.76128029	10.0849829	10.459702	10.8533804	9.81920368	7.0421427
0.63484732	0.6415274	0.63044039	0.5810028	0.76481753	0.78562123	0.82433644	0.77212882

2.80990224	1.91448585	1.68261903	1.54069482	1.47341848	1.30970607	1.28890794	1.02521597
66.8962581	68.9809953	68.7186013	71.9134173	73.3511518	70.8697274	69.9564123	76.4634106
1.73759384	1.66587341	1.79153707	1.93136812	1.98641268	2.01490137	1.90398253	1.92164917
1.74554253	1.84892258	1.99335255	1.98611331	2.16791484	2.06316831	2.08182943	2.14284189
262.093033	255.001077	232.011317	235.166648	239.713765	234.339561	236.62268	233.421596
49.4267027	43.5612266	43.1448226	36.000955	21.2435161	27.7841954	20.8464881	26.1512406
1.76922857	1.5431301	1.41302611	1.28459864	1.50097092	1.62425455	1.79323791	1.5416445
1.00640254	1.05616232	1.17004789	1.14813864	0.83904265	0.61886644	1.48786276	1.68026917
0.04178702	0.04498499	0.05457891	0.05794732	0.07082443	0.07397979	0.08378677	0.09342329
0.00248595	0.00228357	0.00234727	0.00259462	0.00542648	0.00429633	0.00672345	0.0067119
0.00121705	0.00111491	0.0011328	0.00121135	0.00123181	0.00145659	0.00358523	0.00314968
87.4080909	86.4862036	77.6458842	85.2217165	95.8625778	96.5430291	85.988733	83.0838011
4.66821038	4.26903438	6.46599261	5.45886018	7.61486972	7.11945347	6.66767648	8.42298378
0.11522698	0.10048737	0.09561829	0.091007	0.08507147	0.08789144	0.11505456	0.11963804
1.07123131	1.37304497	0.98411017	1.4819467	1.18946755	1.71841919	1.1179038	1.5255076
0.02540889	0.02693864	0.02743508	0.02753989	0.04250094	0.04579753	0.04558721	0.05370274
2.70299912	3.08202736	2.97482438	3.02220293	3.16363208	3.29929899	3.15855798	3.16955988
0.00256086	0.00234668	0.00238435	0.00254971	0.00239143	0.00297406	0.00603553	0.00592869
0.73616905	0.8026981	0.99389975	0.99096406	0.8060894	0.86241386	0.88894619	1.19345001
0.01206871	0.01279488	0.01205152	0.01209755	0.03816964	0.03872345	0.03987119	0.0428127
1.52718944	1.55179242	1.52260576	1.18267613	1.07863044	1.0400678	1.10691526	1.12546426
2.54375699	2.13927879	1.49183019	1.54541029	1.30615398	1.44620033	1.25163199	1.13556377
1.2384068	1.41552218	1.31509731	1.17783899	1.03439341	0.99850601	1.04672203	1.09295892
0.19516769	0.18449263	0.20267398	0.23601762	0.2466167	0.23227641	0.26858725	0.26603237
5.49986954	5.36488811	5.39004466	5.77462462	5.53411927	5.5961264	5.34548248	4.14211095
0.69461172	0.72918747	0.6048858	0.45943438	0.49749524	0.49954758	0.52385398	0.56010511
0.24686808	0.24452569	0.27729833	0.27209789	0.25338984	0.3157973	0.205753	0.25332977
0.0469973	0.03727588	0.04217252	0.04661447	0.10529438	0.08199888	0.10485646	0.08669694
54.8724637	54.9539114	56.3571194	51.8471982	52.9142611	47.8852776	51.4663566	52.3913484
1.15779317	0.91573661	1.24317007	0.88619923	1.04771452	0.90030043	0.86005889	1.11649085
0.0349926	0.03709879	0.03740369	0.03754661	0.08439643	0.08601943	0.08796542	0.09531159
		0.00936	0.00936				
0.98122737	1.20567388	1.11012932	1.38736194	2.35893103	2.32611268	1.44532119	2.49074623
1.09773872	1.54093509	0.97785541	0.86629155	0.62531362	0.60633389	0.64592223	0.69054293
0.02216856	0.05036598	0.12124479	0.12746775	0.08196603	0.21940692	0.23568432	0.30545493
0.28191217	0.27039321	0.25099499	0.23412234	0.11080744	0.11597009	0.12655134	0.14055171
0.02260229	0.02102393	0.02119955	0.02266949	0.01450812	0.01647461	0.03892961	0.03361177
0.24639923	0.2467388	0.27355454	0.31641293	0.35773562	0.38712062	0.38391209	0.38552622
1.42746267	1.48306069	1.51514479	1.55018023	1.59307802	1.61681414	1.57941131	1.55182678
23.800151	23.8229205	23.6194924	23.0462355	25.8473568	26.4248128	28.4140864	29.5608369
0.17731942	0.18413077	0.17739878	0.1608058	0.1608058	0.22476225	0.19446721	0.20793192
0.61740365	0.41271003	0.43111354	0.40232569	0.76863822	0.67066296	0.75964298	0.82072444
0.06961716	0.0947031	0.09791163	0.09791163	0.04103154	0.05056008	0.05075418	0.06660273
3.52158938	2.95664855	2.93701607	3.05929589	3.68941133	3.30485113	3.26871607	8.17377187
0.28752546	0.34402921	0.33721547	0.39092138	0.38430658	0.42554625	0.52110652	0.6886515
25.6418638	24.1431065	22.9820578	24.3579986	23.2698326	23.0823153	23.5790602	23.7351592
6.12378246	5.75764744	5.98248842	6.1234141	6.57329681	6.21519541	5.38304039	6.61678633
0.304449	0.29297516	0.3080329	1.03639627	1.11567716	1.26965894	0.63786821	0.77375954
6.06407214	5.83505757	5.60215084	5.50528316	6.01534339	6.42567037	6.70041055	6.25558235
2.77245237	1.57915254	1.15591464	2.8809414	3.29874426	3.92942754	5.05077852	5.038041
21.4766737	21.3092546	22.0736746	22.6182371	22.159623	22.3657802	24.7737635	29.6273208

0.93364312	0.79779007	0.86032792	0.83369773	0.91421389	1.08790012	0.66772415	0.20570884
5.91185081	5.81403893	6.10542573	7.27215751	7.49520295	6.75547884	7.23871883	6.86681258
10.9497948	12.9003206	11.6560654	11.2534305	9.18596054	8.68179342	8.13891677	9.19373515
0.20818051	0.22007344	0.1980511	0.2608224	0.36695952	0.36175284	0.23331114	0.24825487
0.42242993	0.38466013	0.37466329	0.39838662	0.47929195	0.59195878	0.89155812	0.96714675
67.5225531	63.7909442	53.261495	45.3772692	45.4426649	40.1996472	38.1344329	37.3142442
1.42831966	1.10481605	1.43451521	1.39634178	0.73301673	0.69079931	0.16548574	0.16362678
41.0595296	40.0824665	37.1766052	40.5857639	42.9253821	44.8665682	43.051489	44.1019034
8.72464209	9.28333644	10.4519822	10.6347923	10.8698955	10.1777541	10.1536435	8.66127175
0.27629495	0.28582195	0.29852483	0.27629401	0.25723967	0.23818457	0.23818457	0.15878997
0.09646952	0.09044913	0.09297219	0.10276476	0.1189704	0.12274288	0.13695637	0.14040171
3.77998434	3.89121381	4.00628052	4.12079184	4.88723004	4.95582299	7.49802599	6.42018842
0.12841109	0.13613748	0.17173411	0.17239013	0.2055061	0.20628699	0.21347331	0.23311805
29.9167834	25.3525159	20.2309118	17.6292782	18.744219	20.2429568	21.2296817	20.6316754
162.058556	149.295138	133.905703	142.476578	165.58516	157.877256	159.651288	151.782737
0.05718627	0.05714369	0.06358184	0.05710114	0.06618841	0.06614582	0.0690478	0.06290509
46.046265	41.9128669	49.0350884	52.337985	52.8947572	52.268015	60.0415367	62.2787377
7.67464244	7.71805278	9.24456755	5.29319078	5.60292532	6.53963429	6.97183344	8.30223331
0.16179012	0.5382792	0.41070852	0.62903357	0.53505986	0.45426431	0.45271151	0.51046505
0.34245102	0.38435601	0.47935026	0.58912551	0.50262382	0.65469226	0.71711596	0.59139511
0.39662982	0.37473624	0.35284266	0.33094908	3.25513422	3.44980179	3.67464336	4.36361631
0.00014415	0.00016629	0.00010298	8.4155E-05	6.8804E-05	7.7894E-05	6.8472E-05	7.1315E-05
0.02371729	0.02178394	0.0223916	0.02475025	0.0390123	0.03775915	0.04174851	0.04175098
0.05412518	0.06045395	0.05931465	0.05954124	0.04183467	0.05278444	0.05324082	0.05909246
0.69225413	0.92735878	1.01029421	1.03798925	1.06102256	1.11081279	1.16399272	1.17225942
0.03768518	0.03995267	0.03919947	0.03934923	0.06655857	0.06877789	0.07491614	0.08053774
0.00089809	0.00047782	0.00064731	0.0006922	0.00043637	0.00049489	0.00122899	0.00121596
0.00526611	0.0055842	0.00547892	0.00549997	0.00598739	0.00595152	0.00670529	0.0080233
0.65932068	0.66167718	0.66498092	0.6660901	0.67692551	0.68322437	0.05744187	0.05744187
11.170383	10.7801981	9.70970681	9.1762162	9.82012914	8.53140319	9.10588567	8.78354307
1.86269313	1.92645059	1.80729019	1.98981465	2.36847538	2.10520848	1.85402661	2.14670925
15.2551455	14.099761	14.1520329	14.2768858	13.6288574	12.1952978	12.5767232	12.2166125
0.60150554	0.48895606	0.48895606	0.52379654	0.32954415	0.38702018	0.32046304	0.24381214
0.03382715	0.03806905	0.03735137	0.03749413	0.08306877	0.08992997	0.07932855	0.08446127
5.31810607	4.83748677	6.07446091	5.82193656	5.36547261	5.55540801	5.34744212	5.73335601
0.00015463	0.00014166	0.00015832	0.0001693	0.00044162	0.00053173	0.00161442	0.00145525
0.01158596	0.01330667	0.01305581	0.01310568	0.02333542	0.02255483	0.02245225	0.02383831
0.15868548	0.09956736	0.11512476	0.30181356	0.2644758	0.20545473	0.19602324	0.15246252
35.9135252	32.8631862	28.1283255	31.3766655	30.807353	33.6539581	37.7982345	38.1569545
0.54201015	0.55316844	0.52368228	0.64081908	0.65212884	0.53246754	0.37948284	0.58942026
							0.02461282
0.01813605	0.01745545	0.01823722	0.02015842	0.01675213	0.01401806	0.01632741	0.01887918
1.65031088	1.77515075	1.77905234	1.87039714	2.01181261	2.56107097	2.475541	2.73604585
3.13949093	3.15531244	3.30571644	3.3081165	3.62370078	3.72158638	3.66323088	4.39492459
42.0751476	45.5147686	46.9973727	41.361056	58.0281649	42.4274884	53.0948717	59.9541905
39.2583834	41.7144957	41.8426004	43.9016079	46.3807682	44.2427188	46.6899476	44.5503088
0.42548844	0.37374912	0.4425732	0.49114428	0.5157936	0.43562268	0.41920872	0.41170092
0.18776274	0.20659626	0.23789976	0.25668186	0.2411622	0.22226688	0.29018517	0.33060705
87.2175044	83.4084892	78.9908014	81.0236679	80.7932835	88.1614536	88.7605623	97.7835343
0.67647396	0.80084082	0.82037311	0.79744913	0.70576761	0.62692603	0.55657079	0.58855854

485.924647	506.729887	512.742243	499.362256	567.124876	540.010838	490.815982	485.416013
10.5354612	7.82120148	15.8115306	16.3239243	16.8860693	17.0253137	17.802726	16.9952538
0.00153242	0.00165288	0.00183459	0.00196181	0.00102805	0.00138593	0.00343735	0.00312971
30.8110556	32.2088447	31.6913139	25.3278	24.6481342	25.6783933	29.0942567	29.7948942
0.00073218	0.00067081	0.00068157	0.00072885	0.00068636	0.00079613	0.00192306	0.00180392
10.9993612	13.1839396	13.7042347	13.7505818	14.4396	16.4407222	18.3298703	19.636066
0.00695233	0.00638506	0.00656317	0.00725479	0.01403652	0.01441304	0.01496187	0.01682886
0.01839025	0.01688474	0.01735574	0.01918375	0.03122249	0.0297387	0.03241557	0.03222788
0.61603776	0.71871072	0.83742633	0.97539312	1.13581962	1.26416082	1.48554939	2.3836878
41.3350343	45.0483559	47.5622621	40.825396	40.5493065	36.5269836	39.8224149	42.1144869
0.65984111	1.00498569	0.96117509	0.69291256	0.66519486	0.70682468	0.73751816	0.78472757
2.50358182	2.28253776	2.39235323	3.10127712	2.92049302	2.44443364	2.2114427	2.01667919
0.11245343	0.18381376	0.18621251	0.18621675	0.14359357	0.14661619	0.15634184	0.18602607
0.43206447	0.4324536	0.5147621	0.48310902	0.35750982	0.31447004	0.29217092	0.33456541
0.19709055	0.41662968	0.38512628	0.6211077	0.72854826	0.82062496	0.82062496	1.02752937
0.00049793	0.0004596	0.00057376	0.00049076	0.00064809	0.00073057	0.00072105	0.00075079
0.21776557	0.20221109	0.2146546	0.21074328	0.28446112	0.27356692	0.28492146	0.17344147
0.72808646	0.74675513	0.79653891	0.79653891	0.80276181	0.73742064	0.77475863	0.7996502
19.7743468	21.4033163	23.8486106	26.420537	29.257269	32.4004349	36.0071544	40.023273
24.485407	22.7439401	25.3762273	30.0685416	28.9565888	26.2991311	23.7644787	27.6465334
1.53650938	1.80132958	1.78643719	1.45582859	1.60098739	1.53944004	0.91740331	0.87817257
0.09931201	0.10336308	0.10471196	0.1047145	0.07223986	0.07132205	0.07879008	0.08867112
148.744181	153.677812	171.613192	176.12011	178.8662	186.617418	203.123644	187.601681
15.9116051	16.0084817	14.7375022	14.4733631	13.4755749	15.1947561	14.9862414	17.4082693
14.1343417	13.6491612	14.7450166	14.7028224	15.3256439	13.8182794	12.6471282	14.255157
0.06486128	0.0631922	0.07418284	0.0728368	0.07451477	0.0604276	0.05627657	0.04442787
27.3023308	25.9371246	27.8891704	25.2268745	26.0739926	24.0351877	24.1178888	25.1600907
0.03480852	0.04744878	0.05415656	0.047934	0.05104528	0.06368522	0.07010226	0.06076776
0.11972702	0.19059196	0.19862954	0.19502512	0.22161997	0.26637867	0.28334042	0.30675938
6.54794759	6.96913828	7.62831858	8.61648854	8.810263	10.5264056	11.3187873	11.369802
34.6907573	28.6066799	28.2590584	24.2568214	24.0816698	27.3765673	24.7062954	27.4706471
9.73517875	9.91270161	10.8263182	11.0369626	11.3643397	11.8241017	12.3788354	13.0117778
0.67729917	0.67183727	0.76413343	0.67752553	0.53182927	0.53464833	0.57161584	0.43836651
2.09720081	5.83430297	7.9307311	7.81086941	8.86043969	8.70594603	9.50765006	10.2773477
34.6200369	35.622831	33.8833898	33.3592117	31.9839127	32.1201088	31.6946655	31.6049723
0.05744585	0.09825498	0.09881204	0.10190811	0.07324968	0.07524295	0.0733448	0.07985067
0.11108704	0.11220079	0.113665	0.11366765	0.08018927	0.08005499	0.0870607	0.09278788
1.16698633	1.40561991	1.62494519	1.14042036	1.15745693	0.92874659	1.09003934	1.38722825
17.0792537	19.7209654	20.5900049	28.266818	31.4950807	35.4790285	30.4621037	29.4625174
0.25396678	0.28796824	0.29913209	0.31927506	0.28747748	0.27850157	0.28291492	0.30227196
1.82360737	2.07012731	2.17820342	2.03382504	2.0324618	2.0714676	2.22157438	2.6344312
0.05159043	0.0561329	0.06661333	0.07606802	0.0773531	0.10091669	0.10938046	0.11702784
1.31485066	1.40278813	1.31582692	1.66047641	1.66047641	1.24429664	1.31088853	1.37339214
0.05244802	0.05109992	0.05773524	0.05668772	0.06661008	0.07255062	0.07360214	0.06737969
100.907015	112.115358	125.241946	123.945055	135.615911	137.91205	131.999569	137.794942
2.23229223	2.45385019	2.94789986	2.7032308	2.62622947	2.72518089	2.78087424	2.85400705
10.5815069	12.829109	14.8570639	17.6645244	13.720196	11.4895344	11.9842427	13.6348942
1208.3556	1189.02263	1259.25191	1295.17918	1426.8505	1506.57455	1686.00728	1996.10107
1.11587783	1.70479666	2.09365594	2.00485345	1.83113442	1.93468949	2.17810191	1.96467571
0.0288767	0.03208522	0.04812782	0.03850226	0.03529373	0.05775338	0.08983891	0.11550709
0.02216858	0.02216858	0.02216858	0.02216858	0.00320852	0.00641705	0.00641705	0.00641705



0.00320852	0.00320852	0.00320852	0.02245965				0.03286903
0.01292751	0.01391777	0.01601632	0.0158738	0.02138694	0.02297555	0.0134731	0.01272657
6.327292	9.27338315	9.40491457	5.41926293	7.14151851	7.4192753	7.18774632	7.36655112
0.01027665	0.01001869	0.01410475	0.01384902	0.0239116	0.02630133	0.02699077	0.03409438
0.02286399	0.02228106	0.02517426	0.02471772	0.07513736	0.08893581	0.09818728	0.09565682
0.421488	0.19105595	0.36771941	0.12775904	0.05755924	0.13757843	0.11541018	0.147204
11.2756885	10.7113839	10.634916	10.1941804	10.4769616	8.95815337	12.5516867	13.0102129
0.07194459	0.07267691	0.07362534	0.07362724	0.07033927	0.07035671	0.07521691	0.08174761
2.2175339	2.34262139	2.57432559	2.74378898	2.88119708	2.81783632	2.92091594	3.44637662
71.0055804	69.0658658	65.723027	61.363128	68.5589563	69.6247644	66.9397443	66.388858
360.003493	345.637385	343.681755	330.744402	335.237485	349.396762	350.094857	360.909884
0.28086581	0.27608518	0.31193486	0.30627433	0.19703328	0.20694016	0.21296874	0.21799478
0.01854227	0.01873663	0.01898114	0.0189819	0.01544968	0.01697928	0.01582419	0.01941227
43.0629732	34.034438	30.5441436	27.3320595	24.1709352	25.4371761	25.5842656	30.4587276
5.08757803	5.81640569	8.67511026	9.07632658	9.37378378	9.72022285	10.2918572	8.88127144
12.611802	13.3490059	14.9533609	15.6066397	15.8366958	16.6220806	17.5526317	18.7839181
2.64381972	3.33376849	3.75691214	2.45968336	2.29882106	3.02947068	3.23715482	3.03022285
24.1311753	26.1608767	29.8415464	31.4860868	27.0829857	31.8905091	35.2512875	38.1157824
0.31075401	0.29315268	0.24132495	0.29256438	0.28293881	0.2886765	0.26223172	0.26796972
0.03239745	0.03152985	0.03431249	0.03365479	0.04571394	0.04796604	0.04936757	0.0485309
63.241192	75.5964535	75.1616073	93.2754417	97.4292675	90.6246636	106.74144	99.2673114
13.9498206	13.7899364	12.4403501	12.0393602	11.4554275	11.022271	10.8269553	12.6012898
0.06096191	0.04171078	0.04171078	0.01604261	0.01925113	0.01925113	0.01604261	0.01283408
29.7728584	27.467529	22.1615518	22.545758	22.575057	27.9620774	30.5374751	38.7165027
0.31835755	0.34234489	0.38114187	0.41080031	0.48873203	0.56979329	0.49412316	0.60332749
0.00366225	0.0067541	0.00374858	0.00374892	0.00383931	0.00420346	0.00477507	0.0055786
41.3742145	37.4706064	52.0987429	46.2971247	48.8532347	42.9701757	47.1467498	49.7393184
0.38541483	0.39859275	0.46555014	0.43911957	0.43143904	0.39514893	0.43158313	0.47914655
183.503894	171.212163	175.174454	176.224597	188.818166	197.465936	191.683198	203.26533
1.58852881	1.44469276	1.53496143	1.42737358	1.68187355	0.95062867	0.60808418	0.64595168
0.00320852	0.0288767	1.17157233	1.07159812	0.47800155	0.86227722	1.88076392	1.64957357
0.08359214	0.08359214	0.08668787	0.08978392	0.09597603	0.09597603	0.09907209	0.10216813
0.19736516	0.19473866	0.22281061	0.21876738	0.35381688	0.39084358	0.41606837	0.4295792
0.35074421	0.36340289	0.36814525	0.36815314	0.2799849	0.2899982	0.3060742	0.32918025
0.0384151	0.03742532	0.04507013	0.04425244	0.07085052	0.08107781	0.08355896	0.08247002
0.05140831	0.05254936	0.0593729	0.05829551	0.05331759	0.05724898	0.06000727	0.06901106
0.01925113	0.01604261	0.02566817	0.02934907	0.03760656	0.06460559	0.06356806	0.06755678
36.3426357	36.3442244	37.6921055	39.3928773	44.7085382	45.1385116	44.9176499	46.1855908
0.03616294	0.04859796	0.04191659	0.04191784	0.03056263	0.03137705	0.03327424	0.03775734
0.96084734	0.99886437	2.02438554	1.77212495	2.40143042	2.47644387	3.04287079	3.03563682
0.18635947	0.19127696	0.1937731	0.1937773	0.07593605	0.08349141	0.07516132	0.10066716
0.40593458	0.43763575	0.46945065	0.40262187	0.38998725	0.37727253	0.37730675	0.67519598
22.7976147	21.6389045	23.6280645	21.3478556	23.0479061	24.8938725	26.762597	30.4582575
0.72992423	0.86653841	1.31291212	0.83863215	1.03631098	1.30389825	1.4792999	1.6119231
3.17059002	4.0321573	4.69033335	4.86566115	4.22660271	4.93077603	5.60460521	6.22011797
0.24307198	0.34711509	0.25415904	0.20369589	0.19105595	0.20389004	0.22080648	0.17277526
22.5068247	23.5587422	24.617172	24.1568325	22.0396524	22.3901216	21.112836	22.2856253
41.73894	50.4974764	50.3449067	56.9224213	61.9485671	70.1330768	74.5036659	83.2633591
368.534098	381.010193	396.08365	431.068077	459.143804	471.94811	479.405703	501.598433
13.5576289	14.0416777	14.8215624	15.3072743	15.3892867	16.6624414	15.9662864	15.0609003

54.7701429	58.4025225	58.6419032	66.6904037	70.227873	76.5000514	80.4031951	82.0989618
49.7291897	66.9851456	37.831094	15.4254665	25.086371	31.9860702	28.3719832	29.9747556
0.00707131	0.00707131	0.02255125	0.03495126	0.00399137	0.00399137	0.00399137	0.00402554
27.3516375	29.3068691	29.5492424	30.5721871	33.2355414	34.4685954	37.6171631	38.5482573
126.715793	128.094912	131.560967	129.619777	135.662749	132.510044	141.3497	147.939793
5.05155844	5.23260637	5.44244644	5.49494734	5.50127334	5.53929005	5.64536571	5.93326008
4.90637923	5.06197642	5.49796212	5.34598537	6.27757659	6.27913043	6.62765445	6.69990801
413.342664	406.199165	389.798262	415.318806	425.754884	419.003792	448.859969	467.764892
67.6660743	55.2830714	56.7676056	54.1176713	65.9779392	61.3581025	73.1872626	78.8700947
0.35343522	0.3999191	0.89918819	1.21053019	1.92964703	1.37066581	0.93166788	0.83375596
2.48290444	2.41344803	1.81172757	1.7409043	2.010329	1.7704716	1.62374499	1.67024714
0.20241128	0.26078408	0.31229285	0.34213954	0.37778595	0.42596892	0.58731663	0.60718592
0.00524253	0.0056469	0.00649835	0.00644085	0.0114739	0.01098484	0.01726624	0.01845146
0.0211656	0.02137664	0.0216556	0.02165607	0.02648208	0.02726081	0.03034204	0.03261708
117.673077	133.635929	116.178354	123.815199	155.641576	162.955626	167.984817	172.959686
14.3092962	15.0926953	18.9550477	22.7146141	24.9368125	28.9122231	30.4853695	28.5236184
0.11605102	0.137125	0.15439417	0.15432162				
4.97234914	5.93613959	8.02879479	8.15247639	7.23946101	7.66715231	8.56296217	8.57842116
0.06659025	0.0648746	0.0760837	0.07470307	0.10384537	0.1171975	0.11875444	0.12843469
12.9578926	13.3869272	14.4304641	15.154996	15.7670037	15.9671348	17.1832814	18.714269
0.04453575	0.04499416	0.04558133	0.04558284	0.05141215	0.05566127	0.05107915	0.06139568
1.06199733	1.36461869	1.17133107	1.4284293	3.16787418	2.94276737	3.36903147	3.80804805
0.03162903	0.03081308	0.03342159	0.03281511	0.09326242	0.09909468	0.10386424	0.10239022
6.16417544	5.46139989	6.03563443	5.00330639	3.93912141	4.08948565	3.87770819	3.78302049
0.73527399	0.4512006	0.15924521	0.17830197	0.23295721	0.41482947	1.15469286	1.16254233
4.28627173	3.7779784	3.53081482	3.11215044	2.6113146	2.61312841	2.48782946	2.43970686
0.40565186	0.45060627	0.55573086	0.58256991	0.51794464	0.59061313	0.68653561	0.72608991
9.66242971	10.3235609	10.3060275	10.624905	10.8785545	12.8658965	13.7294324	14.2810283
5.98495465	5.15049784	4.95949992	4.36915993	4.07044309	4.32412513	4.01573529	4.19624384
0.11537906	0.19241164	0.28208717	0.27872795	0.34934421	0.33647408	0.27887938	0.37180169
0.09911087	0.09217742	0.11675361	0.11571491	0.22263723	0.2096547	0.26927787	0.23833579
87.7460164	97.1349307	111.316468	110.886577	121.637126	124.998044	126.192246	132.769141
6.58420093	6.06441805	6.91340318	6.2463809	6.11223021	6.49740127	5.79919544	6.09570868
0.09170673	0.08934264	0.10372892	0.1018467	0.20621141	0.22012677	0.22914945	0.22794581
1.63074042	1.59571386	1.62023922	1.69266042	1.5866055	1.97767206	1.9376667	2.1385404
2.2871817	2.34377787	2.50016559	2.67335643	2.35450641	1.91279124	2.23455597	2.68288335
5.86041851	5.49694544	6.24726509	6.13287676	6.57639969	6.40720133	6.97226483	6.48594162
0.02632461	0.02963412	0.02031147	0.02051343	0.04648461	0.04714098	0.03993891	0.03392577
0.59424808	0.58077798	0.65358129	0.63452145	0.2707432	0.29677155	0.32966557	0.33614141
0.39307541	0.40310236	0.40526915	0.40527783	0.31190266	0.30833143	0.32946412	0.34807292
0.69204348	0.70874241	0.83708064	1.02208464	1.15710165	1.26415191	1.28591325	1.3795434
0.4070342	0.60001166	0.74165167	0.74406896	0.99729655	1.05005498	1.01542251	1.05120676
29.8629785	29.798067	33.6371489	34.4568862	37.4419931	40.7757126	46.8830022	45.4615771
0.04351819	0.03707782	0.04659124	0.03644285	0.00644037	0.00858684		0.01717368
0.45860275	0.46282097	0.52620628	0.53440135	0.64779057	0.7548092	0.86718566	0.96700036
0.20835704	0.2207836	0.24201024	0.19954657	0.22631966	0.2075627	0.2291969	0.23961683
5.68447374	5.97210867	5.97205818	6.30933138	6.71400873	6.22955718	7.10414496	6.4304064
0.95648601	1.02876564	1.42358398	1.28753354	1.40335848	1.52502356	1.50297596	1.52210499
55.7548604	57.2354846	59.6986616	55.4405551	56.8265012	60.0207914	61.2865138	62.3221526
0.62942943	0.53555653	0.5649484	0.67647971	0.49590402	0.62948512	0.65141087	0.86856224
0.03091511	0.0858753	0.09274532	0.05152518	0.02061007	0.01374005	0.00343501	0.00343501

4.12236879	6.18854068	5.68562048	6.87308826	6.61107738	8.29674979	7.32742341	8.88756134
5.37826515	5.57832102	6.19932213	6.84956616	7.2940314	8.00182482	8.62450527	9.20259558
26.2228922	28.4634306	27.1477392	31.0293255	32.8999788	33.8025372	33.7921058	30.1745678
0.87421707	1.14548049	1.88880366	1.0364934	1.14111912	2.0685225	1.4460324	1.95767382
3.55773336	3.81438594	3.65696322	3.28448493	3.10751791	2.58047916	3.25569183	3.51399742
18.3460381	21.7809561	22.340353	20.1447433	22.4049542	23.1797167	21.9778481	23.3188646
0.62395222	0.73537393	0.76715626	0.75555573	0.76449542	0.97231161	0.6490206	0.80666267
0.74984777	0.80110436	0.90321205	0.88236516	0.93804749	1.33637145	1.49827002	1.75722087
179.372519	174.659878	168.92035	164.890077	162.853408	165.31758	160.773501	168.770016
17.6496554	18.4574706	18.4281805	20.3664603	20.4574757	20.0814031	15.9479849	21.7735246
11.2979753	10.9765587	8.65375116	10.4707843	11.5422255	11.9928151	11.4469535	11.5934204
15.3817042	16.3811179	19.0640511	24.0148255	21.8308501	21.4907091	24.8546784	20.5482066
0.02223815	0.01906148	0.01906148	0.02223815				
0.20344101	0.22366651	0.25739129	0.25510135	0.25155417	0.31382894	0.35171242	0.38597388
6.94494999	7.00619436	7.02553203	7.10540721	7.0792029	7.815852	8.5974372	9.41012424
0.3365329	0.32785116	0.47625769	0.46761527	0.50212674	0.5278957	0.55609684	0.55752171
64.7737931	53.2166262	45.5071722	40.3350315	42.1370988	44.8961202	41.1698692	44.4574696
941.378923	870.350634	858.229451	866.284763	874.522544	875.521116	877.562269	893.201878
				0.17034637	0.17034637	0.20569415	0.17354378
81.5899078	87.5095472	94.0038152	97.2214265	102.458024	104.757272	107.244463	113.658952
35.4378036	38.4104147	38.0542959	28.467486	36.0565935	36.67564	38.1530504	39.9768449
1.00752527	1.11088344	0.92506806	1.0480596	1.31933465	1.37999954	1.8499181	2.04223561
1.04148897	1.14507114	1.20145842	1.282827	1.46732906	1.61831812	1.50738242	1.36008909
21.6462287	21.164	20.9590555	22.5267409	24.3636143	24.1959042	23.2194988	20.9435756
0.00109302	0.00113569	0.00118841	0.00116528	0.00202164	0.00229819	0.00234088	0.00242569
0.05001652	0.05386828	0.06199062	0.06143957	0.08248865	0.09654258	0.10721276	0.1147763
0.14184837	0.14558736	0.164493	0.16150804	0.10221745	0.13507724	0.13869204	0.14132465
0.86662947	1.35240268	1.40481252	1.04232804	1.10669878	1.21705617	1.30631848	1.51899245
0.0987633	0.09621544	0.10870902	0.10673638	0.16262699	0.17600506	0.19515614	0.19261288
0.0156187	0.00916142	0.01237463	0.0123749	0.0093813	0.00926211	0.01040106	0.01259209
0.01380114	0.01344806	0.01519429	0.01491889	0.01462938	0.01523016	0.01746725	0.0191884
0.28724742	0.30261994	0.30580589	0.30581249	0.27409998	0.31170773	0.26787843	0.34566543
14.2091075	14.1473339	13.6736431	13.4875498	11.2586492	11.7837468	10.1613495	12.0172053
5.58022632	5.84014739	6.28374783	5.44916167	5.59014297	6.1389133	6.45433872	6.15771719
14.2164239	10.2362747	11.0363321	9.68533367	7.7840054	8.78701339	10.2286191	11.1843948
0.04881341	0.06101676	0.06101676	0.04881341	0.16352555	0.16596654	0.21722054	0.20745778
0.08865238	0.09167926	0.10358382	0.10170435	0.20296744	0.23013397	0.20665045	0.20199632
10.9026401	11.6438084	12.7302901	13.7938828	14.4187286	15.0616611	16.824994	18.4694049
0.00268923	0.00271604	0.00302666	0.00302672	0.0094941	0.00995158	0.01366298	0.01507011
0.03036387	0.0320456	0.03620672	0.0355497	0.05701699	0.0577186	0.05848798	0.05701134
0.05133648	0.05454501	0.13796679	0.08627697	0.09922887	0.18556473	0.05248287	0.03972727
55.3813632	59.7509769	55.3126087	54.2712578	55.0135702	58.6226345	60.2974972	62.9673478
0.58462371	0.69650955	0.69650955	0.69837768	0.57184974	0.55231011	0.46516437	0.50550588
7.41587022	7.56269514	7.16538933	8.76794193	8.92244133	9.61597197	9.69756381	9.78824385
							0.06766232
0.03824646	0.04316458	0.0504893	0.05004088	0.03542115	0.03584137	0.0419298	0.05190016
3.14295201	3.40125885	3.68673897	3.73331358	3.76112874	3.90967032	4.35292203	4.87479458
4.80436559	5.19228158	5.56113487	6.01538668	6.12257093	6.69855192	6.71884856	5.55060768
50.6201995	55.4828162	60.2181272	65.3110899	68.3584342	69.831614	64.5318691	65.531493
73.2080852	81.7510339	90.4421925	97.3929648	111.532134	116.506112	121.003247	131.754827
0.39330555	0.43927521	0.07596057	0.14629716	0.327291	0.15637422	0.11959332	0.11506842

0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853
156.280213	145.021692	139.170431	137.159018	132.81091	128.056057	127.868964	147.032051
0.70059133	0.5084646	0.31887889	1.36243342	0.43834158	0.02529878	0.0378421	0.01620998
2241.45337	2481.21011	2535.6057	2515.82117	2541.64086	2560.42421	2395.69035	2422.68979
33.7840021	34.2324972	36.9015077	35.1198789	38.6731428	38.2914744	38.273285	35.407686
0.02665021	0.03169148	0.03507156	0.03507266	0.02210145	0.02593837	0.02909052	0.03241034
13.7235541	14.7698748	17.0277864	15.7022474	16.1957375	21.5728172	24.3313125	24.5423365
0.01273322	0.01286171	0.01302956	0.01303009	0.0147556	0.01489997	0.01627496	0.01868087
5.62845308	8.12544748	10.4863664	9.63587406	11.495196	12.3685904	15.5818009	15.7962746
0.01466151	0.01578925	0.01816998	0.01800915	0.0296792	0.03685124	0.038423	0.04626368
0.03878252	0.04175332	0.04804895	0.04762139	0.06601767	0.07603591	0.08324519	0.08859664
2.38950195	2.66340336	2.92807326	2.9185506	3.20626251	3.42405435	3.49988859	3.65982396
175.204692	184.317057	192.075616	181.960707	189.392205	176.081105	180.355316	200.35433
0.05256043	0.08008031	0.07774274	0.05188359	0.05505285	0.05739041	0.05739041	0.05972703
6.56875403	5.86134563	6.09885123	5.87496505	5.27926915	6.84266802	6.27879738	4.62326741
0.00112236	0.00130744	0.0013665	0.00140236	0.0011583	0.00119559	0.00117843	0.00124541
0.11676711	0.11878503	0.12037971	0.12217026	0.12568684	0.11758045	0.12467336	0.13176417
0.14388902	0.15744181	0.17848795	0.17897263	0.17929338	0.26350748	0.28420507	0.32825967
1.5104E-05	1.5472E-05	1.5839E-05	1.6208E-05	1.6671E-05	1.7767E-05	1.8113E-05	1.9419E-05
0.17478099	0.14080004	0.11320542	0.13678602	0.11735553	0.18077929	0.19083658	0.3355121
0.03923653	0.04106476	0.04289272	0.04472543	0.04656623	0.04594697	0.04595361	0.04596639
4.28213201	4.47166106	5.34301263	5.77141138	5.60399424	5.91567924	6.54491046	7.41785607
4.40398077	5.80744806	6.47714147	6.36171737	5.2422788	6.02597744	5.45055372	6.65804824
0.15206683	0.15663227	0.15920738	0.15334759	0.12536296	0.15910042	0.18021701	0.19071876
0.00099117	0.00098547	0.0010262	0.00105387	0.00090192	0.00091889	0.00091915	0.00094393
12.3388388	12.7352837	13.3424375	13.4878714	13.7902817	14.2029999	14.3027228	14.7964474
4.24357952	4.45717039	4.35284691	4.35753385	4.53883991	4.82870026	4.86872798	4.89834941
0.25752638	0.26795996	0.21527432	0.23537439	0.26375336	0.37921922	0.53382098	0.6631763
0.01538128	0.0153534	0.01541594	0.01589141	0.01602165	0.01612874	0.01653691	0.01693666
10.4066304	10.8449456	10.6908345	10.5206061	10.885968	10.4635418	10.5449089	10.6736828
0.1663724	0.20390336	0.09931318	0.09955954	0.12024733	0.12112969	0.12160299	0.1220967
0.03823144	0.04403512	0.04455867	0.04925347	0.04981395	0.05156874	0.04440022	0.04591688
3.31341285	3.08541303	3.3436887	4.08011853	4.92439883	5.68268168	5.69458034	5.83674603
6.24886872	4.807943	3.74732428	3.69488995	4.5615155	4.13213692	4.09040156	5.468183
1.67222417	1.86741862	1.79092104	1.89225872	1.7637022	1.88752915	1.8583356	1.72992453
0.00677839	0.00658827	0.00705292	0.00691385	0.00604391	0.00615134	0.0060806	0.00580991
0.26348558	0.292045	0.37951024	0.45527727	0.51312184	0.55552868	0.56551975	0.58181217
2.95704541	3.06807623	3.54479696	3.67673302	3.49066195	3.50800198	3.85849821	3.86431785
0.001709	0.0019074	0.00195217	0.002003	0.00194692	0.00198502	0.00197995	0.00201513
0.00121041	0.00118189	0.00121459	0.00123372	0.00106331	0.00107571	0.00106579	0.00107605
0.38793508	0.42416428	0.4701519	0.48294426	0.43837904	0.40747486	0.42112407	0.47216144
33.3149089	35.5072581	36.9141413	36.1568947	38.2680561	35.9896886	37.0529754	36.3259438
0.0482979	0.07402692	0.10835733	0.10459921	0.10849059	0.10086097	0.11846287	0.12830168
0.05750257	0.21680233	0.12043076	0.11670749	0.13063887	0.12553308	0.13041459	0.12532103
0.12801036	0.13936024	0.145221	0.14603824	0.13618835	0.14339937	0.15922339	0.15752307
0.0893821	0.14271005	0.13676875	0.16603607	0.05702573	0.08157223	0.13979336	0.21267798
0.00858752	0.00868026	0.00883855	0.00898275	0.00931874	0.00952393	0.00965773	0.00971919
27.5207671	28.7330628	28.8926622	29.5308001	29.5213243	27.9500342	29.641613	29.4732016
2.85273624	2.65083097	2.61403229	2.59749985	2.72135879	2.7440652	2.64181446	2.62604945
2.97106123	3.09870757	3.01776296	2.8081519	3.51261154	3.54669198	3.40084907	3.95362111
381.16861	398.532871	413.641155	434.176716	448.491883	478.63224	522.008863	578.901625

0.5005113	0.55771943	0.3802984	0.39687981	0.40372532	0.42264227	0.42900288	0.46220691
0.3209029	0.40344504	0.48881588	0.54968062	0.55811259	0.59445533	0.56621883	0.59055416
0.21569922	0.16983228	0.17615454	0.18925466	0.18988069	0.21003534	0.24044792	0.27193063
0.0282986	0.00684386	0.0070868	0.00733601	0.01704625	0.0089908	0.0091705	0.00935764
0.00010638	0.00010838	0.00010194	0.00010619	0.00012783	0.00011589	8.1308E-05	7.4384E-05
5.16527928	4.92904639	5.2985307	5.150624	5.4062788	4.36126618	4.14484649	4.55947841
0.00120569	0.00123249	0.00128568	0.00132745	0.00142124	0.00146089	0.00151192	0.00160061
0.00107768	0.00109413	0.00111885	0.00115386	0.00151383	0.00159713	0.00172374	0.0017485
0.42316825	0.41834894	0.47938909	0.4867435	0.50106983	0.51737618	0.53298884	0.68173042
1.21302952	1.29508807	1.26585938	1.28149961	1.18909639	1.02381135	1.02302258	1.02536915
0.00052967	0.00052197	0.00055399	0.00057682	0.00052026	0.00053932	0.00053484	0.00055347
0.80435842	0.77518872	0.73166473	0.73177642	0.75646114	0.74020264	0.76268056	0.74973253
6.01288395	6.00793854	6.21648789	6.03413685	6.16016832	5.98191057	5.67439816	5.81053381
38.9372758	40.9976323	47.4113576	46.4253145	46.9003391	44.1666108	43.1147084	45.3596835
0.00336576	0.0033366	0.00344344	0.00368576	0.00285476	0.00287609	0.00304168	0.00315231
0.03064775	0.0280038	0.00035648	0.02572994	0.02659878	0.02445211	0.02075766	0.02201648
1.83662036	1.81383236	1.80489895	1.76506698	1.80485564	1.79698071	1.77580034	1.67088751
0.70368334	0.78090204	0.80918906	1.21946528	1.27194801	1.13368603	1.23548562	1.12044762
3.83065479	4.50717561	4.54720889	4.90938669	5.24472021	5.24316384	5.79403951	5.80140965
1.19325919	1.13458277	1.02186241	0.90043177	1.08178816	1.13428367	1.17999385	1.23878869
13.5992347	13.8944651	15.8235036	20.7370247	21.2503988	22.956284	25.0344092	23.522793
0.03768289	0.04352387	0.04661359	0.05118991	0.05521383	0.06054406	0.06442105	0.03336703
0.00089091	0.00089883	0.00091674	0.00099742	0.00103728	0.00109288	0.00117733	0.00087729
22.8776897	24.0490857	25.5984206	26.4625915	27.3061719	27.6301709	28.1814841	28.9877815
0.7730786	0.8129009	0.84669168	0.7717782	0.73687541	0.75951329	0.46589856	0.5485957
0.4494432	0.47839519	0.4813549	0.43323038	0.537297	0.55315687	0.55570414	0.65592628
2.0795313	2.07936903	2.23552181	2.35018325	2.39925798	2.35908683	2.08316207	2.2063605
0.0501994	0.05706466	0.05408587	0.05751439	0.05818858	0.05705638	0.05577022	0.0574884
4.6556E-05	5.5867E-05	4.9586E-05	5.1443E-05	4.9565E-05	5.1545E-05	5.1548E-05	5.2983E-05
28.5072258	28.9012075	29.5713608	28.7332901	29.1405358	27.9300881	28.000415	28.0020603
9.5588E-05	0.00010126	9.452E-05	9.4818E-05	9.5393E-05	9.5518E-05	9.5507E-05	9.584E-05
0.09136046	0.09756228	0.0958344	0.08905509	0.10125685	0.10911656	0.11628324	0.11764205
19.5010477	19.5625813	19.5027992	18.8292933	18.4781996	17.7236173	17.298423	18.2193881
0.34154105	0.36216661	0.37099862	0.50333497	0.57940308	0.38602145	0.47324661	0.56559974
0.90554709	1.01226057	0.83107534	1.02359623	1.1363936	1.12861959	1.0817433	0.89800083
0.00067541	0.00067554	0.00067565	0.00067573	0.00067581	5.8476E-05	5.8526E-05	5.8588E-05
0.12948108	0.12969509	0.13704917	0.14567307	0.1475945	0.15466143	0.17404349	0.17467915
0.1008041	0.0995935	0.09855107	0.09746431	0.09581214	0.10877028	0.09443812	0.09378854
0.00266303	0.00272451	0.00282312	0.00293074	0.00317869	0.00329849	0.00344174	0.00354768
0.00303624	0.00309641	0.00316512	0.00326196	0.00327674	0.00339301	0.00352286	0.00370042
0.00174665	0.0017561	0.00179581	0.00245404	0.00187353	0.45791305	0.47695745	0.49601724
7.22615696	7.24855725	7.47315058	7.4483996	7.67077701	7.63235224	7.41662546	7.57198181
0.00045153	0.00047711	0.00046816	0.00047469	0.00041466	0.00042201	0.00041664	0.00042576
0.00054241	0.00054264	0.00054312	0.00054526	0.00054496	0.00054646	0.00054579	0.00054787
0.6579286	0.64924392	0.73673655	0.81492406	0.81864956	0.96841975	0.87347526	0.80873905
0.02077258	0.02021069	0.03383635	0.03352821	0.03283998	0.02199445	0.02355496	0.02294814
0.00171286	0.00170591	0.00170411	0.00169951	0.00169923	0.00170013	0.0016967	0.0016996
0.91887443	0.87069752	0.72629517	0.76214398	0.74347741	0.61304017	0.57313049	0.55451567
0.45179925	0.45959204	0.40930452	0.43628886	0.47281272	0.56247719	0.56578206	0.60678975
1.96716311	2.10435477	1.92387697	2.30103862	2.42615849	2.52119809	2.21819687	2.27325417
0.22207931	0.22125625	0.2222946	0.22084503	0.22133395	0.21341722	0.24559896	0.24760743

3.60778174	3.73180685	3.72814466	3.58197597	4.05215591	3.92140706	3.95593149	3.88947297
23.2161605	24.5806776	22.4458871	23.3018065	26.2286451	28.1651717	30.6546255	31.1043406
55.9986693	61.7239068	70.8923073	69.5364416	70.9508502	73.3936819	79.3801139	83.346789
1.92417139	2.23125014	2.13721319	2.09422635	2.70022072	2.73572806	2.58952293	2.12513527
14.1116743	14.7042682	15.9099656	15.6066988	17.1403544	18.2767808	19.5371851	20.4156057
1.466258	1.50161875	1.62291814	1.59654548	1.55149968	3.42446028	4.37304311	1.38091977
0.48064255	0.51318043	0.60676398	0.68326988	0.69239119	0.85308924	0.92508845	0.90751488
4.14143394	3.63080657	4.1273073	4.1722187	4.39451165	3.0662016	3.19842585	3.20469388
26.8882713	27.0250837	25.6058385	26.1204081	27.3849672	28.9186539	29.2873189	31.2319165
0.39154036	0.41599653	0.4131275	0.39878934	0.41481841	0.45561235	0.24943189	0.24532669
1.65620723	1.51095344	1.23128258	1.24529154	1.19672413	1.4372901	1.64521476	1.6068748
83.7105967	80.8714507	74.2876378	74.3280503	76.5298999	75.120068	72.5170566	72.597567
2.98327858	3.13759448	3.70212894	4.46933604	4.499568	5.03488804	5.7067308	6.52766916
1.0079951	0.95796897	0.94161733	0.82383696	0.75829264	0.85858262	0.92740893	1.07324254
0.27705028	0.33871104	0.34878588	0.20872549	0.25906651	0.24518782	0.27692663	0.37079315
0.13268318	0.1344132	0.10722563	0.03029076	0.03284708	0.02908977	0.03079559	0.0331411
0.00021025	0.00021447	0.00021539	0.00022074	0.00024604	0.00023797	0.00026651	0.00026797
0.00021739	0.00021178	0.0002178	0.00022176	0.00021656	0.0002235	0.00022194	0.00022689
45.6632831	49.0592848	41.8789298	42.2946379	44.2895334	43.877635	47.2463225	49.3067076
2.88292863	2.99098914	2.78640721	2.75952599	2.91381181	2.75734999	3.26596622	3.57355123
0.01634143	0.01619847	0.05478891	0.05547204	0.06177211	0.06095932	0.13714033	0.13982146
1.67261565	1.20724883	1.45346826	1.1808302	1.19824242	1.24474697	1.24741149	1.30241513
0.01220094	0.00922178	0.01096837	0.01352344	0.01401069	0.03427878	0.03074745	0.01889755
4.17152815	3.74461969	3.98975342	4.04521278	4.0831237	3.93429898	4.15805008	4.35847241
0.0007218	0.00071523	0.00073298	0.00074489	0.00072669	0.00074708	0.00072219	0.00074527
0.53065371	0.5556614	0.51177086	0.57176762	0.59324279	0.63603382	0.57700353	0.63746728
0.00427169	0.00431746	0.00435578	0.00443635	0.00488002	0.00491693	0.00501859	0.00505664
1.51853451	1.35740018	1.47711453	1.31503372	1.33259514	1.42453329	1.45543028	1.44113769
0.68754533	0.69486934	0.67971641	0.71097964	0.73559896	0.64425174	0.65718635	0.60169682
0.24581285	0.27651635	0.2817386	0.31533758	0.27128351	0.29530826	0.30916019	0.31843429
0.00516293	0.00493366	0.004592	0.00474318	0.00432373	0.00415887	0.00458488	0.00446756
2.93860236	3.20843225	3.27105964	3.31933894	3.54300576	4.31482298	4.44504569	4.5627019
0.10459809	0.13838361	0.11375252	0.08997331	0.17848995	0.17164062	0.19447646	0.18854774
0.06847387	0.08613198	0.05530346	0.05649599	0.06070308	0.06219346	0.0560736	0.07594391
0.00116078	0.00110921	0.00113051	0.00117749	0.00166094	0.00143766	0.00169477	0.00150365
26.7439214	26.4071384	26.5846698	26.311806	26.2779496	24.0903842	24.3615512	24.8831114
0.325458	0.38930349	0.43849225	0.43279954	0.46610847	0.51578934	0.52038511	0.58026203
0.03044704	0.03040396	0.02696239	0.0273938	0.02774935	0.02962526	0.03013558	0.03154861
0.00647729	0.00693526	0.00894223	0.00810746	0.00539632	0.00547088	0.00545807	0.00516397
0.46140005	0.47177418	0.39505699	0.38572005	0.41968152	0.37675781	0.38993985	0.40522336
0.0886203	0.08877183	0.08486065	0.08254314	0.07605348	0.06366191	0.10500297	0.10730334
0.12464574	0.14291047	0.14037115	0.14339841	0.25297176	0.59131735	0.61232697	0.86008636
0.05194956	0.0434996	0.05212858	0.05263378	0.05403924	0.09185663	0.09242171	0.09274747
0.09673127	0.09554186	0.09454624	0.09350984	0.09185804	0.10481133	0.09089762	0.08987705
0.00990299	0.0100822	0.01005083	0.0099386	0.01062372	0.01058394	0.01115576	0.01189701
0.06374556	0.10038358	0.08411659	0.10728747	0.0953143	0.10723668	0.10550483	0.0531216
8.16274273	8.45069359	9.13643014	9.28052356	10.3684119	11.9663653	14.3076841	15.7718744
0.03009995	0.04767709	0.06843141	0.00592467	0.00622069	0.00615302	0.0061852	0.02558812
0.05633858	0.05694406	0.00390564	0.0060195	0.06017543	0.05914153	0.05753703	0.05746201
0.03854544	0.04261206	0.04093071	0.04157028	0.04297637	0.04611297	0.04976138	0.05134584
1.80115211	1.74156765	2.23940521	2.08504713	1.77741095	2.59380703	2.5435487	2.82978128

0.17365775	0.18652535	0.1911346	0.18568635	0.19385208	0.25841776	0.27139265	0.28803259
12.8830817	12.702816	13.2053816	13.6210161	13.5867544	13.1896099	13.3384103	12.7737954
7.09308308	7.58438719	7.90711442	7.68190655	8.21900149	8.19209886	7.83882956	7.9379716
0.23133383	0.18814563	0.21797881	0.22433994	0.23013444	0.21842846	0.22231631	0.39849318
3.22897732	2.82416965	3.14212703	3.36282493	3.34524409	3.051445	3.16166012	2.17607905
0.62113553	0.61026712	0.63269053	0.57139346	0.57107819	0.63902982	0.78254824	0.97224233
8.40097116	8.35926018	8.90383985	9.74696587	9.67642527	10.9432558	10.7708822	12.0497243
0.28082634	0.29851479	0.31609526	0.31571641	0.31132833	0.33286423	0.31214237	0.32383429
1.74448259	1.90224605	1.90601436	1.6584506	1.69364209	1.73618201	1.71682585	1.75967098
6.89692021	8.38593532	7.00562936	7.30910778	7.04091598	4.68520343	6.7343103	6.74181168
0.00411203	0.00484243	0.00392246	0.00434544	0.00422852	0.00364946	0.00178899	0.00223718
0.05202691	0.05253011	0.05237145	0.05289101	0.05330758	0.05394602	0.05490045	0.05546136
13.3278851	15.10958	13.7111404	13.160279	14.4732751	12.6278541	11.9150454	13.0806945
0.61854833	0.61095543	0.60509277	0.59885591	0.59146514	0.64534576	0.64979128	0.62450454
11.3995581	11.335868	2.65149667	3.09520729	3.2642214	3.81687631	3.84265777	3.91304812
5.33220187	5.84555119	5.63636265	5.9911999	6.09138844	5.59498614	5.9007574	5.7621191
0.35039852	0.37351818	0.38853634	0.38567953	0.35689805	0.3604285	0.36249752	0.3650413
0.00332477	0.00343181	0.00337179	0.00348644	0.00345299	0.00350302	0.00371449	0.00373181
2.23763379	3.11059318	4.17503116	4.1835414	3.95824745	4.5851855	4.52108573	4.57956737
0.13041902	0.12084921	0.16444331	0.16441046	0.17203524	0.16413876	0.1646241	0.16480366
10.2507447	8.64165714	7.64571466	7.30856703	8.21479274	8.18471039	8.25440183	9.16274515
65.3089931	63.122655	60.4997332	67.6982941	75.6552309	75.3556813	76.4291403	81.0149299
0.01984232	0.0209999	0.04054252	0.04470896	0.04770508	0.05684642	0.06150112	0.06353395
18.8546565	18.5578912	21.2418052	20.7146767	22.2520815	29.5936081	30.7611052	32.7525045
2.13726798	2.3906666	2.43005491	1.50936851	1.84882772	2.08961255	2.12101136	2.23024055
0.24661994	0.21132497	0.1761924	0.19172577	0.15919043	0.18205963	0.19115828	0.22317645
0.36822373	0.3865764	0.4585622	0.46114012	0.43907605	0.66565292	0.717375	0.7307614
3.87666399	3.90902094	3.89391763	3.47114815	3.25273648	3.72030453	3.78436024	4.14220925
7.9082E-06	7.8889E-06	7.8737E-06	7.8135E-06	7.6828E-06	8.1692E-06	7.1989E-06	6.8897E-06
0.00115663	0.00119029	0.00119163	0.00123468	0.00134285	0.00135173	0.00142596	0.0014392
0.07766806	0.03149051	0.05249262	0.05267629	0.05228526	0.05834008	0.07179983	0.08278064
0.40902152	0.43195903	0.45458851	0.45387525	0.43492403	0.47182897	0.53281759	0.55605219
0.01938344	0.01983674	0.02059592	0.02117329	0.02218148	0.02301413	0.02378121	0.02456255
6.5395E-05	3.9804E-05	5.1705E-05	5.3355E-05	3.5925E-05	3.665E-05	3.5749E-05	4.2183E-05
0.00039076	0.00039186	0.00040027	0.00041553	0.00041342	0.00041942	0.00044875	0.00047308
0.06949668	0.06622388	0.07148668	0.03598307	0.02354559	0.02545049	0.02775798	0.02567172
3.45471914	3.55158253	4.20804764	4.28440159	3.79406998	3.7933582	3.863366	3.57514707
0.85889325	0.91564369	0.93524228	0.92041297	0.91022867	1.9499254	2.0413595	2.00935974
3.53462345	3.52530937	3.61194584	3.3986557	3.75334065	4.15389554	4.30313857	4.2002647
0.00227218	0.00232557	0.00237449	0.00239503	0.00241233	0.00240156	0.00240025	0.00242127
0.00091986	0.00095259	0.00095757	0.00102609	0.00168675	0.00179238	0.00173881	0.00175808
2.25915529	2.21514348	2.35133314	2.3455891	2.283553	2.4894391	2.38842467	2.5162147
3.2573E-05	3.2629E-05	3.5058E-05	3.6588E-05	6.0611E-05	5.5277E-05	6.2042E-05	6.6601E-05
0.02596934	0.02680988	0.02707965	0.02783357	0.02870203	0.02957505	0.03037449	0.03102415
0.18430852	0.18763849	0.22053753	0.26125244	0.30181084	0.34461424	0.34498275	0.34520633
23.9159234	23.4495843	17.3134853	18.7839823	18.9592311	19.6399303	21.5450337	21.9430196
0.39608191	0.3765278	0.37813676	0.43879121	0.57564548	0.59561756	0.62137646	0.67930486
0.40761819	0.37781919	0.39964137	0.36811168	0.37624531	0.37500168	0.38908911	0.37658306
0.00190738	0.00187628	0.00184564	0.00181987	0.00182341	0.00186425	0.00194169	0.002266
0.00045664	0.00047294	0.00045895	0.00047486	0.00039609	0.00036862	0.00039563	0.00041601
5.88435399	5.39213185	8.28986459	8.80918469	8.75208917	9.88043505	10.5369979	11.1696938

2.41826264	2.33270071	2.39014329	2.47187129	2.77820619	2.81971112	2.57694234	2.57394924
20.8391273	22.0633176	22.4840857	21.3362963	21.4010573	20.8838866	21.6949913	22.2845257
14.1796052	14.5626403	15.0556936	14.1327891	13.8703535	16.5996126	16.500622	16.9111753
0.63337188	0.55793166	0.40394131	0.42806204	0.42845669	0.45917018	0.53208055	0.6002499
0.13622094	0.14162226	0.19147558	0.20930243	0.22231893	0.2559971	0.29252938	0.301037
23.6042243	25.2082344	24.6212581	26.0494296	28.1608881	29.6927612	30.0529126	32.0043223
0.28886793	0.32509536	0.35641954	0.31894526	0.28237687	0.39924877	0.39518889	0.41661037
155.245052	160.054467	160.450214	159.392761	161.249052	138.719172	144.537863	144.33528
4.28216877	4.26637086	4.07410114	4.31360489	4.01770401	3.88389483	4.0751891	4.2541682
0.0004804	0.00048743	0.00050581	0.00051164	0.00045272	0.0004661	0.00046494	0.00047153
8.04451155	8.18327902	8.21157325	8.34014769	8.34447126	9.35244706	8.47689122	9.00267782
0.0001771	0.00017648	0.00024483	0.00018777	0.00022631	0.00018864	0.00018869	0.00019507
4.79298633	5.658135	6.43616248	6.99680947	8.59847757	9.87165481	12.3600947	13.6719048
0.00052409	0.00053592	0.00053442	0.00055026	0.00060761	0.00061274	0.0006272	0.00065637
0.00064379	0.00065417	0.00063855	0.0006552	0.00073145	0.00071656	0.00075475	0.00074319
0.82699962	0.91222654	0.88666285	0.98385379	0.95214394	0.99514777	1.031825	1.02921855
12.758087	13.5484702	13.6708205	13.7213466	13.8263761	13.2514981	14.1285375	14.9600916
0.32300515	0.32381075	0.29649794	0.26448722	0.28700304	0.20890799	0.22261447	0.27753838
1.01630367	1.04651751	1.00826552	0.97184195	0.97419135	0.86954475	0.82132871	0.67581087
0.0691834	0.11976642	0.12494955	0.12894286	0.09958451	0.09816023	0.10268607	0.11555022
0.4216057	0.40714654	0.37886942	0.36846659	0.22044386	0.22528141	0.18257012	0.24908232
0.98797111	1.05214185	0.83418186	1.15656867	1.07449782	1.20448916	1.48080969	2.75430253
0.01472192	0.01215096	0.01033859	0.00974408	0.01329594	0.01372806	0.00876352	0.01118979
303.696887	318.336255	328.978141	342.962909	355.323482	349.189291	369.503256	367.412902
0.62083735	0.49276305	0.73940516	1.40572665	1.47124208	1.54662924	1.77236679	1.92207605
1.15431933	1.20213553	1.25316057	1.30739383	1.36162708	1.35200151	1.35521003	1.36162708
13.2675117	13.2036407	13.186651	13.5698046	14.8515256	16.2836078	18.7692186	20.8636568
40.9994546	40.9676651	43.5938128	40.9665272	39.8376792	36.6253258	33.8385098	34.5579561
0.06098389	0.06403331	0.06708245	0.07013159	0.57020039	0.56715126	0.54275758	0.58544636
0.06109856	0.06734766	0.07026226	0.07250791	0.05009954	0.04775045	0.0517497	0.05507813
70.0234325	71.3854954	71.3878713	72.7735402	75.0142654	74.4170443	76.1323926	76.408351
17.131689	16.2001803	18.3041738	17.8199566	18.5603307	20.0491395	21.9393037	23.52132
2.7057766	3.21944571	3.00032128	1.57238943	2.35988425	2.60296776	2.92709411	3.14866849
0.12494544	0.12507839	0.13190422	0.13872841	0.13335761	0.10276559	0.0969846	0.07936323
22.9015927	23.2436271	23.9674658	24.1908986	24.4813951	25.2982389	25.2398576	25.8828193
0.49707824	0.67994025	0.74959288	0.84656386	0.91828225	0.98731166	1.17504454	1.36877885
0.23063599	0.3772449	0.3531824	0.37145407	0.39662889	0.45301417	0.48829657	0.54797621
2.95570466	3.33987296	3.41758552	3.11994302	3.04572748	3.81933928	3.88113266	3.96256268
4.14354739	4.27944811	5.42170218	5.65148135	5.43123233	5.60364038	5.82955942	6.41948047
1.2567001	1.31620762	1.38823762	1.44122442	1.52536163	1.5876621	1.78078535	1.93540575
0.41668677	0.43774496	0.51273746	0.46914189	0.36883238	0.35794958	0.37544002	0.27229165
1.02543113	1.05656792	1.39846751	1.34117761	2.08993739	2.12899943	2.04218457	2.05556354
7.24715344	7.60843039	8.04364966	7.09014467	6.45360576	6.11998109	6.6061475	6.82041203
0.03534174	0.0640194	0.06630339	0.07056467	0.05079986	0.05037551	0.04817322	0.0495993
0.06834277	0.073106	0.0762698	0.07870738	0.05561258	0.0535972	0.05718188	0.05763526
3.24207774	3.07399408	3.1728276	3.1763076	2.64041549	2.64705192	2.72476537	2.9237605
113.667979	120.610428	126.899627	124.251226	125.48451	128.041497	130.012394	127.514799
0.14978401	0.18305698	0.19600998	0.20870079	0.15179128	0.14606573	0.14980209	0.15349248
0.83683462	0.8749213	0.82110362	0.81127013	0.80826954	0.84335534	0.88123437	0.92273782
0.05950603	0.06200529	0.06568659	0.06388404	0.06139838	0.06839756	0.06798762	0.0711381
0.89733971	0.9667847	1.03560617	1.12695004	1.21879196	1.30805792	1.2456416	1.33713067



0.10103318	0.10114374	0.10265881	0.10797011	0.11921074	0.12338247	0.12684273	0.12036295
140.436135	144.850607	147.465634	151.160774	149.965727	147.790062	159.645676	162.276358
14.3855129	14.8504255	14.9899073	14.9726465	16.5496202	16.2419001	16.2687641	16.3886606
14.8388492	15.7303417	16.5556789	16.7440933	16.987221	16.0674961	16.5753459	16.3320374
169.85305	146.126922	140.285085	157.361676	248.480285	254.250255	276.444317	313.144272
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1.73033981	1.82172522	1.87605027	1.63739665	1.85660337	1.85918867	2.0651579	2.09899754
0.45442014	0.4480031	0.45442014	0.43889708	0.7902892	0.64777509	0.69269439	0.82216648
0.31678742	0.24748564	0.31763836	0.30740905	0.42536925	0.55024119	0.42532999	0.59772062
0.02136201	0.02181134	0.02104822	0.02047026	0.02533527	0.02502128	0.01305337	0.01142294
20.8574891	21.8735193	21.4050756	19.0812256	18.5606784	19.4611279	17.2644822	17.7307405
0.01979642	0.01983032	0.0250796	0.02637751	0.04279412	0.0447291	0.04651473	0.06090411
0.04404403	0.04410163	0.04476225	0.04707853	0.13447185	0.15124778	0.1692117	0.1708755
2.60974807	2.67287969	2.95903821	3.07450178	2.97327098	3.17001835	3.50667445	3.5889019
2.19885372	2.75553623	2.4874201	2.35163464	2.16849352	2.21315691	2.06299768	1.89077536
0.04426162	0.04735366	0.04940298	0.05098202	0.04878145	0.04710415	0.04940282	0.05077758
1.51666856	1.58289534	1.65881834	1.70232973	1.74334022	1.7989114	1.78174577	1.88678957
10.0772923	10.3860125	10.6739223	11.7590285	11.8706482	12.7457085	13.2895982	15.1202044
169.054674	169.801541	172.806851	177.663332	173.470417	169.536896	167.123342	164.036436
0.54104548	0.54646445	0.55465015	0.58334456	0.35262657	0.35193068	0.36702108	0.38941256
0.01140754	0.01220811	0.01273644	0.01314372	0.01071461	0.01136771	0.0103934	0.01205795
11.7229665	11.8974651	11.9271505	11.9566202	11.9312299	12.0252305	12.1754445	12.6556744
3.88930235	4.46286425	4.88313869	5.19502021	5.32882945	5.34349834	5.73328995	5.25759656
14.9641421	15.0132473	15.4611345	16.4715466	16.8468752	17.0411506	19.3579276	21.7603981
10.0684409	10.6662597	9.97841991	9.04698838	7.98659372	8.48167133	8.8235895	9.15041888
22.4784449	24.0672042	26.720502	28.390429	29.2499501	28.163598	29.0183354	30.6440387
0.38356913	0.3610055	0.22935214	0.21010071	0.20389131	0.24849931	0.27083551	0.27416748
0.09625963	0.10062188	0.09943157	0.10487606	0.13280338	0.13106907	0.13287209	0.13295613
76.904721	76.8472078	84.2403454	88.5095699	90.4737231	94.6519057	96.4277791	101.412914
1.62698262	1.7190435	1.77815206	1.65439792	1.6481603	1.96718783	2.07132215	2.00370421
1.21178797	1.28260316	1.40728097	1.45205705	1.59229747	1.98956461	2.07869581	2.16605339
11.0862673	11.6952915	11.8551642	12.1650438	11.7471523	11.8860371	12.0699248	12.2673887
0.51268834	0.52347225	0.49112521	0.51857998	0.57110554	0.61125483	0.47021073	0.53328578
0.00225308	0.00440073	0.00251532	0.00259588	0.00266262	0.00281423	0.00313629	0.00346515
122.124336	124.63975	129.120316	129.51577	132.478299	134.22013	134.143091	132.823583
0.34609351	0.38076402	0.40601661	0.38655784	0.32042534	0.36088966	0.39318252	0.35167968
120.854521	121.953292	121.191791	124.728914	122.947656	121.898836	123.169978	124.572957
2.52308096	1.88924674	1.24581918	1.12511869	0.95047476	1.15372845	1.2113813	1.23897515
2.23195356	2.32944409	2.78058764	3.0943883	2.93063754	2.92949477	3.39119902	3.14686741
0.2034637	0.21282626	0.22534522	0.23470779	0.24407004	0.25343287	0.25658959	0.2597463
0.38019412	0.3854526	0.39617868	0.41667469	0.63321909	0.66468416	0.71703417	0.76737403
0.21578422	0.23678023	0.24702736	0.25492185	0.19417415	0.19415516	0.201031	0.20447054
0.07400089	0.07407716	0.08013902	0.0842853	0.12679977	0.13788416	0.14400188	0.14731941
0.09903033	0.10401268	0.10557072	0.11103239	0.09542144	0.09735989	0.10341393	0.12327715
0.03819065	0.09252789	0.07959012	0.11798842	0.18205488	0.21393276	0.29393815	0.33854555
17.1877576	17.7752874	19.4193634	19.6001468	19.0725964	19.7686148	20.0318914	20.9820969
0.0222481	0.03166468	0.02812624	0.02902535	0.02119569	0.02100708	0.02185468	0.02345299
2.71729977	2.88165001	3.43202666	3.5985328	3.86202375	4.52608329	4.92226641	4.90923685
0.11465174	0.12462917	0.13002275	0.13417804	0.05266291	0.05589789	0.04936631	0.06252947
0.48167332	0.51929279	0.51240494	0.58468452	0.55002441	0.56546214	0.54671122	0.54331119

7.05811377	7.1855201	11.7566363	15.2879813	11.562866	10.0948017	7.97988488	7.74163468
1.50233869	1.64908766	1.82844199	2.11813253	2.11482004	2.2542293	2.25712621	2.29625169
3.5970802	3.8028544	3.93772477	4.22962552	4.31812138	4.37638992	4.68342402	5.0837446
0.56301497	0.57833039	0.63846143	0.66123269	0.70842539	0.77880553	0.81989309	0.79432859
7.11195471	7.53441359	8.40076018	8.93353309	8.87069667	9.34054766	9.9503094	10.4034648
54.5976865	60.6500315	59.1994944	58.7831647	62.6861278	66.7530533	67.9904622	69.2742738
83.8017081	85.8019965	88.775534	93.3144393	95.0898344	94.9184417	97.7373583	99.5260003
6.8040811	7.15845672	8.44944245	9.33072289	10.3929228	10.8788249	11.0817024	11.2798596
59.9305337	61.2677229	63.7258694	71.2083833	76.4894902	80.31102	86.5650096	91.4330035
24.1553165	23.7619814	24.2152709	24.2197502	26.3710508	28.8287799	27.7698129	21.5650134
0.67968336	0.58735603	0.61184119	0.62440404	0.62779696	0.63712082	0.63715624	0.64031264
11.888574	12.657906	11.7887058	12.5375593	13.3650971	13.2760334	13.815542	14.2938212
108.656754	110.252308	113.424016	116.26388	116.362128	118.489652	120.748525	121.808912
1.60630919	1.69665549	1.84444326	1.92972324	1.93489352	1.88263422	2.0721212	2.06736619
3.06406727	3.21020525	3.25159008	3.32464117	3.59493228	3.70686843	3.76776663	3.8322294
258.272642	260.471496	259.662288	261.999301	261.54394	263.621986	259.115457	256.840196
8.21405923	7.04175654	7.92927688	5.82364301	9.37920482	8.19685966	9.12648449	8.6535982
2.68707128	2.66528062	2.72941999	2.68533125	2.71311068	2.67029069	2.79269511	2.50122395
1.18080576	1.25782838	1.22310518	1.13377815	0.85099542	0.88984231	0.7775326	0.93684331
1.15980051	1.20292827	1.39528371	1.36244432	1.32041415	1.51381623	1.3241102	1.35147815
0.00866301	0.00884959	0.00853997	0.00830588	0.01359214	0.01196293	0.01672835	0.01656142
0.01302146	0.01392825	0.01453102	0.0149954	0.01836576	0.01825124	0.0199288	0.02026012
76.3675071	78.0652962	65.1650671	71.7984902	77.777085	80.9844548	86.3819505	88.3005437
5.44685757	5.69524073	5.83888545	6.00757512	6.02205907	6.12875989	6.51437072	7.07821657
0.17089611	0.1963021	0.18943401	0.18423236	0.77471115	0.86680428	0.88831564	0.92613603
4.331557	4.16848705	4.45746447	4.246349	4.00132832	3.73743396	3.75018729	3.9954092
0.12827603	0.12840841	0.13528412	0.14228299	0.18585001	0.19931074	0.20465625	0.22942788
10.5153421	10.0974622	9.94632539	10.9522215	11.1326095	11.4914094	11.7122423	11.8853626
0.0273992	0.02931658	0.03058531	0.03156312	0.03565517	0.03726548	0.03354903	0.03813597
5.07482867	4.66686271	4.87661301	5.40204736	5.15641316	5.21717691	5.31499933	5.65776233
0.06092855	0.06098934	0.0594268	0.0625012	0.16690992	0.16852436	0.17899512	0.18290363
3.23541908	3.6263368	3.82226394	3.40916686	3.04165002	3.32128087	3.43866976	3.48763687
3.44445608	3.6538031	3.82404782	4.24815518	4.85302904	5.09804833	5.30713089	5.85887346
1.93128864	1.96629425	1.94315074	1.91211144	2.12265309	2.51412031	2.59192072	2.7366194
0.66934312	0.70523345	0.72967174	0.75057628	0.61297866	0.64244236	0.66455342	0.65089902
6.39735243	6.83319306	7.26903369	7.76386248	8.17176135	8.58276486	8.99376837	9.37062084
1.39461285	1.36978275	1.07749984	0.71531669	0.70783602	0.71131675	0.96301553	1.12858152
0.69632931	0.73301629	0.82745768	0.90558846	0.90673073	0.86573632	0.60080642	0.83647246
0.16377544	0.14445653	0.15343453	0.14922167	0.26373915	0.2283223	0.26088917	0.21392233
91.7085387	95.706004	98.30899	101.071127	105.612215	107.884437	109.781654	116.380328
1.6728822	1.47673944	1.01087128	1.07597908	0.978473	0.94489266	0.98647698	0.9887149
0.17665915	0.17683882	0.18443999	0.19398204	0.36905249	0.37435634	0.39490621	0.40718846
0.54446346	0.74573748	0.65093022	0.5978043	0.45639936	0.4252626	0.28550988	0.36496368
2.92397437	2.39834463	2.95078191	3.00413896	3.50796321	2.82394762	3.47415984	3.88346655
0.87382276	0.80622539	0.78532798	0.82153569	0.9738545	0.92945696	1.04105169	0.99776924
0.81081102	0.82643811	0.84196131	0.84506595	0.84796281	0.84081852	0.91099062	1.12533879
1.12108523	1.12708293	1.14891817	1.20835659	0.48454377	0.50470152	0.56813133	0.60046246
0.24182715	0.26264698	0.27193768	0.28062825	0.21630964	0.20642934	0.21639361	0.21620573
0.53950242	0.52656441	0.53267554	0.7057619	0.75376984	0.7541854	0.77985364	0.81161115
0.2388399	0.2390782	0.24265944	0.25521325	0.31718158	0.29150698	0.28619072	0.32133379
23.3863709	26.9304355	25.1498261	30.4076008	32.205212	34.9577088	35.8028373	38.1158613

1.04463932	1.06936915	1.10844432	1.14231394	1.13888685	1.37239474	1.20709035	1.26343804
0.61914594	0.63218726	0.61006872	0.59331793	0.60418942	0.599337	0.63956114	0.66778141
0.1918764	0.19125306	0.22850874	0.21898704	0.34916657	0.36160476	0.36489755	0.39325487
17.1488581	21.8977635	18.0379548	19.6567551	21.8319529	26.5828517	27.5309579	29.0842704
1.16913472	1.23529205	1.34429646	1.40655413	1.45016488	1.46501845	1.52694741	1.51799118
30.8215905	30.8229765	31.5417327	32.0925267	32.0988644	32.3739465	33.1314385	33.6570781
12.0454136	12.2444364	12.6768819	12.8851245	12.0550412	12.2581941	12.2605155	12.6359638
0.64290294	0.73823134	0.77190832	0.77503882	0.82562348	0.75033325	0.79052409	0.78328606
10.9077569	11.1321759	11.3075414	11.5915798	12.0929335	12.1549326	12.6324871	13.1593675
2.27252877	2.41596555	2.494101	2.54367135	2.62491144	2.88125805	2.81243652	3.03710133
22.7883685	23.3453344	24.560247	25.8863154	25.5973275	25.5318619	25.8740877	27.1338522
1.81838868	1.93781946	2.16146949	2.31029649	2.32737804	2.23051086	2.36225631	2.48440843
9.0885587	9.40076822	9.34579834	9.86937446	9.7111808	9.05482547	8.92285855	9.37463063
24.0954617	24.7506232	25.458225	25.1605193	25.2437525	25.1703087	26.0992186	25.4967173
0.88498066	0.84586534	0.74929511	0.74458846	0.78929251	0.82592742	0.43955844	0.5406749
1.07497501	1.12669114	1.04516637	1.01646782	1.01435463	1.23750515	1.2577824	1.35702817
25.2798127	26.7447436	28.1884614	30.6679609	26.968158	26.800302	25.8844955	28.3000575
1.97182134	2.10913481	2.20041178	2.27073244	2.86542516	2.89281432	2.86049109	2.98527745
2.03760757	1.12809539	2.12457391	0.88602529	1.70613819	1.56930236	1.57240692	1.53442421
13.694255	14.245939	15.5202314	16.2474555	17.6114622	17.8539142	18.488836	19.4354247
2.95764878	3.32197934	3.48010131	3.4817777	2.80328864	2.99058054	3.1656707	3.37144638
0.33617544	0.35052066	0.33825688	0.32896927	0.29799456	0.34177219	0.34075567	0.34643741
2.09646777	2.34734439	2.46667128	2.29154064	2.41780404	2.61775974	2.90425392	3.36303753
0.64827972	0.64892653	0.84683193	0.89064214	0.89864632	0.89776045	0.95835315	0.9959227
11.4767007	11.6818404	11.0525077	9.30608732	9.45279709	11.5486101	11.7866783	12.4200502
181.473449	166.566412	196.400644	198.05453	189.16807	195.63891	198.611906	207.554385
0.35326045	0.35914887	0.3524997	0.36823614	0.30290881	0.30585336	0.37022218	0.30879792
56.8704749	57.7181799	57.9073061	58.1332315	60.94132	62.7154446	66.4147223	68.6797566
4.5894483	6.31603422	4.89663846	2.59059726	2.90545537	4.4270402	5.21750816	5.68312191
2.64788519	3.13267235	2.9838455	2.42555676	2.64456076	3.42068845	3.90968684	3.73249065
438.419395	449.318501	463.020518	490.646874	503.294229	477.104776	495.353613	503.265219
0.84898965	0.92237028	1.01800284	1.10442537	1.17449358	1.1707656	1.27912839	1.40705403
5.10616815	5.06488488	5.08009641	5.13712272	5.2184667	5.31699612	5.28889707	5.3050941
0.00225108	0.00251957	0.00253457	0.00284136	0.00912503	0.00512438	0.00510832	0.00547795
0.08264963	0.08442008	0.08146645	0.0792302	0.0977172	0.1051387	0.1038728	0.10301941
0.27324941	0.28816583	0.29248436	0.30761584	0.18293655	0.22971773	0.23901585	0.25245372
2.09660772	2.13386353	2.2907576	2.60642853	2.52518825	2.54071161	2.46568042	2.68394045
0.19025255	0.19044237	0.19329508	0.20329516	0.29105032	0.29932121	0.33632362	0.34407187
0.00960891	0.00596925	0.00830344	0.0085688	0.00650608	0.00620103	0.00683146	0.00782159
0.02658581	0.02661819	0.02701691	0.02841522	0.02618191	0.02590102	0.0301023	0.03427699
0.17671984	0.19717625	0.20519733	0.21175504	0.28895136	0.29536842	0.42856833	0.45692565
3.5186688	4.10658678	4.174596	4.2447276	4.06289052	5.34530853	6.14519092	5.6342214
4.35581724	4.56419918	3.7937054	3.58794488	3.52811612	3.68670134	3.80073062	3.85632812
20.0948329	20.3326491	20.6280796	21.0689711	21.2139678	21.1418279	21.3498935	21.6432518
0.30127817	0.41035604	0.42629498	0.4894266	0.50898934	0.43944067	0.44688466	0.46727857
0.1707754	0.18146377	0.18418198	0.19371092	0.36324683	0.39137499	0.35613241	0.36083389
8.80571232	9.00357059	9.30463275	8.00732152	8.4614231	8.04070915	8.72465007	7.85592031
0.00165447	0.00176967	0.0020309	0.00209581	0.00658432	0.00666263	0.00897391	0.00936081
0.0584914	0.06342891	0.06437904	0.06770964	0.10204219	0.09815855	0.10079565	0.10184158
0.65646579	0.43198464	0.48434796	0.57542142	0.43416633	0.29278323	0.47917758	0.70138521
51.9922092	51.7936826	44.8458093	46.3343909	45.2749056	46.4117952	49.0848567	52.2573574

0.137214	0.137214	0.1158696	0.060984	0.0426888	0.091476	0.121968	0.1006236
4.49435826	2.68497684	3.2609097	4.14821754	6.5012274	6.61632084	7.5583224	8.1899532
							0.06073146
0.06320023	0.0676457	0.06635172	0.06453087	0.04196038	0.03903267	0.04062358	0.04658387
1.38524919	1.50488775	1.55493638	1.57045958	1.63725654	1.63798377	1.6885734	1.68455337
3.32002214	3.51101255	3.61142367	3.84262763	4.02693357	4.13099659	4.23648129	4.37770339
36.993206	34.3485279	31.7170622	33.2991892	34.7352017	33.3116833	35.0761983	35.1269265
33.1172535	33.9252133	35.3814291	36.4094415	36.8980269	36.9404202	38.3817346	38.340355
1.20170811	1.17583209	1.39421991	1.15917816	1.46014458	1.74983523	2.19684774	2.31442056
0.73677087	0.77175303	0.88290879	0.88901418	0.90474516	0.91716372	0.92989395	0.95814738
30.1513322	35.8954847	33.5759598	28.1036128	26.9170661	28.4656281	29.7024221	29.1693874
2.31887983	2.5190493	2.69073939	2.78267512	2.51721448	2.41418619	2.18039571	2.09183582
1577.19378	1602.12939	1640.35999	1686.17733	1717.84872	1720.03716	1741.64183	1766.75481
9.36583145	9.48719616	12.936584	13.488491	13.4942948	13.8899769	13.4004734	12.1697785
0.01639569	0.02064903	0.0235332	0.02428551	0.01532772	0.01736586	0.01910679	0.0201317
34.8309326	32.4514536	33.2250348	32.8929888	33.9390705	36.1987992	38.4739964	34.3737622
0.00783371	0.00838023	0.0087429	0.00902248	0.01023326	0.0099756	0.01068947	0.01160363
7.99855919	8.74924349	9.19579454	9.82885714	10.569719	11.2945666	13.8393186	15.6522797
0.02422737	0.02474424	0.02387851	0.02322393	0.03515839	0.04013247	0.03722602	0.04152475
0.06408604	0.06543403	0.06314467	0.06141079	0.07820545	0.08280612	0.08065189	0.07952142
3.76413066	3.77510682	4.07607324	4.51146168	4.39903094	4.84326983	4.24553929	5.03391795
34.3186407	35.2274302	34.8914802	35.3591997	35.1803325	36.0054307	36.7912345	38.9773407
0.62558908	0.72970108	0.69952198	0.67270218	0.731594	0.76849112	0.80538749	0.86073278
2.13490255	2.1374558	2.12213344	3.12771286	1.92263149	1.7958607	1.66425137	1.39347133
0.00140934	0.0013875	0.00148618	0.00157958	0.0016674	0.00175694	0.00182772	0.00192045
0.00848197	0.00860112	0.00871729	0.00883495	0.0089541	0.00907176	0.00919091	0.00931155
0.01210685	0.01343951	0.01352251	0.01381074	0.01346556	0.01356731	0.01367496	0.01389443
0.00474283	0.00485008	0.00495733	0.00506458	0.00506458	0.00506458	0.00506458	0.00506458
0.00163375	0.00164341	0.00165132	0.00165922	0.001668	0.00168996	0.0017128	0.00173739
0.05644591	0.06486755	0.0404234	0.04622285	0.03233894	0.03821115	0.02388406	0.0266258
0.00065344	0.00053306	0.00041267	0.00029164	0.00017125	0.00017833	0.00018605	0.00019442
0.01174682	0.01184563	0.02010346	0.01626516	0.03629865	0.02291296	0.02234694	0.02520008
0.0006142	0.00062255	0.0006309	0.00064044	0.00067502	0.00068695	0.00070126	0.00071676
0.00174806	0.00200923	0.00210644	0.00229667	0.00244369	0.00256084	0.00268271	0.00279904
0.00760115	0.0084766	0.00935204	0.01022748	0.01213604	0.01553266	0.0097009	0.02289132
0.00136426	0.00140299	0.0014432	0.0014849	0.0015698	0.0016115	0.00165469	0.00169639
0.19535929	0.20029357	0.20527701	0.21026938	0.22452415	0.22860056	0.23262037	0.23657465
0.00102872	0.00106775	0.00108029	0.00111932	0.00115975	0.00120296	0.00124478	0.00129078
0.16400123	0.14648772	0.16675761	0.1484941	0.16024136	0.16796867	0.19983587	0.19372675
0.01823554	0.01724216	0.01624693	0.0154821	0.01452238	0.01345176	0.01247024	0.01211938
0.00431471	0.00437726	0.00443981	0.00450237	0.00456343	0.00480173	0.00504003	0.00527684
0.4330231	0.44959527	0.46609847	0.48262753	0.4992579	0.52087349	0.54270246	0.56474265
2.5751E-06	2.5751E-06	2.5751E-06	2.5751E-06	2.5751E-06	3.2189E-06	3.2189E-06	3.2189E-06
0.01181667	0.01207433	0.01233199	0.01258965	0.01334178	0.01361136	0.01388094	0.01415349
0.00031366	0.00031604	0.00031843	0.00032081	0.00033274	0.00039595	0.00045916	0.00046154
0.03758379	0.03896928	0.03873126	0.03913549	0.03190706	0.04310851	0.06184173	0.09913764
0.19857844	0.1969235	0.19526905	0.19361364	0.19195919	0.19030425	0.18864932	0.18699487
6.5594E-05	6.5594E-05	6.4401E-05	6.4401E-05	6.4401E-05	6.4401E-05	6.4401E-05	6.5594E-05
0.00090327	0.00094501	0.00102986	0.00100226	0.00093016	0.00095853	0.0009502	0.00092821
0.0002266	0.00023375	0.00025522	0.00025999	0.00026357	0.00027311	0.00028265	0.00029219
0.00112	0.00115381	0.00118671	0.00122006	0.00129353	0.00132778	0.00136203	0.00139674

0.00262427	0.00270172	0.00277917	0.0028581	0.0030681	0.00313662	0.00320513	0.00327364
0.00013251	0.00013521	0.00013792	0.00014017	0.00014738	0.00018209	0.00021724	0.00025194
2.70509273	3.16446652	2.55813012	2.42030754	2.93315627	3.40105863	2.75556501	3.77832354
0.0010736	0.00067954	0.00074363	0.00086067	0.001166	0.00078705	0.00068305	0.00074554
0.00052263	0.00054573	0.00056883	0.00059289	0.00061792	0.00064391	0.00067086	0.00069973
1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	2.9787E-06	2.9787E-06
1.79283566	1.69328197	1.75631935	1.78930849	1.87945123	1.94725466	2.06337173	2.06071203
0.00154381	0.00155762	0.00158711	0.00161326	0.00166127	0.0016953	0.00172595	0.00175495
0.00012425	0.00012876	0.00013326	0.00013777	0.0001558	0.00016095	0.00016674	0.00017253
0.37720225	0.16330134	0.16589841	0.17240147	0.1747662	0.17576589	0.17933856	0.15876581
0.00044305	0.00045597	0.00047084	0.00048416	0.00049947	0.00051134	0.0005215	0.00053363
0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00032532	0.00059166
0.00071266	0.00072747	0.00074594	0.00076465	0.00079444	0.00081924	0.00084256	0.0008662
5.9575E-05	5.9575E-05	6.1064E-05	6.2554E-05	6.2554E-05	6.5532E-05	6.5532E-05	6.8511E-05
9.532E-05	9.8298E-05	9.8298E-05	0.00010128	0.00010277	0.00010426	0.00010575	0.00010723
0.0076535	0.00786688	0.00778929	0.00795524	0.00831303	0.00839924	0.00851994	0.00868374
0.02850716	0.02962822	0.0307791	0.03195741	0.03491749	0.03226391	0.02971648	0.02727638
0.00035154	0.00118916	0.00240832	0.00285095	0.00400161	0.00434755	0.0024603	0.00052591
0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656
0.07504663	0.07856168	0.08213761	0.08578534	0.0943401	0.09745759	0.10064064	0.10389083
0.03100208	0.03104862	0.02510653	0.02066272	0.02197804	0.02363832	0.02793187	0.02988759
0.00288161	0.00273173	0.00246431	0.00219709	0.00237263	0.00204493	0.00193725	0.0017848
0.5003621	0.49408689	0.51744981	0.51682367	0.4442511	0.43317252	0.45378109	0.44185848
0.00067621	0.00068576	0.0006953	0.00070484	0.00071438	0.00072273	0.00072988	0.00073704
7.2904E-05	7.4661E-05	7.6417E-05	7.7296E-05	7.9052E-05	8.0809E-05	8.2566E-05	8.4322E-05
4.903882	5.12331447	5.1836269	5.0599053	4.90166812	4.91113362	4.6154883	4.77484543
0.00063139	0.00064583	0.00066027	0.00067471	0.00068914	0.00070165	0.00071417	0.00072668
0.00371482	0.00398803	0.00427239	0.00469196	0.0050725	0.00545723	0.00583219	0.00627546
1.08456003	1.20203299	1.12408193	1.31125111	1.74989741	1.84897696	1.58117983	1.59326034
0.00014581	0.00015371	0.00016513	0.00017655	0.00018533	0.0001906	0.00019412	0.00019675
0.00475887	0.00509759	0.0054405	0.00578898	0.00650407	0.00692085	0.0073446	0.00777811
0.00025385	0.0002556	0.00025824	0.00026263	0.00028371	0.00026702	0.00025033	0.00023364
4.0549E-05	4.1742E-05	4.1742E-05	4.1742E-05	4.2934E-05	4.1742E-05	4.0549E-05	3.9356E-05
0.00090057	0.00089378	0.00094421	0.00041024	0.00120507	0.00159773	0.00146281	0.00393196
0.00047417	0.00047848	0.00047417	0.00047417	0.0004871	0.00049572	0.00051727	0.00054529
0.00170069	0.00172597	0.00170023	0.0016954	0.00172731	0.00178728	0.00185844	0.00192564
0.00114222	0.00118387	0.00122392	0.00126717	0.00131363	0.00140334	0.00149946	0.00160199
0.03208375	0.03325596	0.03479297	0.03548564	0.03640838	0.03836125	0.04694136	0.06294764
0.01622759	0.01647231	0.01673718	0.01699834	0.0172456	0.01747587	0.01768592	0.01834666
0.00266914	0.00279854	0.00293309	0.00307602	0.00336765	0.00355821	0.00376036	0.00397539
0.00024595	0.00024608	0.00022947	0.00022959	0.00022972	0.00022985	0.00022998	0.0002301
0.02915957	0.02974641	0.0303458	0.03094519	0.03261093	0.03321311	0.03380413	0.03438122
0.00057331	0.00058409	0.00059487	0.00060349	0.00060995	0.00061642	0.00063151	0.00064875
0.00015689	0.00013186	0.00010684	8.1812E-05	5.5824E-05	5.4862E-05	5.5824E-05	5.1974E-05
0.03309462	0.03469625	0.03634805	0.03802773	0.04169237	0.04325078	0.04481058	0.04638015
0.01202243	0.01204998	0.01207946	0.01211523	0.01215486	0.01221045	0.01226313	0.01229986
0.00822568	0.00850612	0.00923722	0.01432543	0.02891544	0.03247355	0.03238327	0.0347789
0.00256347	0.00279134	0.00302542	0.00326358	0.00316104	0.00305481	0.00294488	0.00280028
0.00595302	0.00608259	0.00620919	0.00633578	0.00673047	0.00685706	0.00698366	0.00711026
0.08860081	0.09044219	0.09228914	0.09414446	0.10036138	0.10232681	0.10430062	0.10625769
4.6416E-07	4.7041E-07	4.7665E-07	4.829E-07	4.8914E-07	4.9538E-07	5.0163E-07	5.0787E-07

0.00064993	0.00065097	0.00065253	0.00068063	0.0006874	0.00069676	0.00070561	0.0007207
0.21464772	0.21449056	0.22892152	0.18998603	0.24298055	0.23440357	0.24356319	0.19190625
0.0083044	0.00846174	0.00861908	0.00877426	0.0089316	0.00916653	0.00940146	0.00949629
0.18775702	0.18817382	0.18928711	0.19069825	0.18903553	0.18445152	0.17953077	0.18860824
0.00017426	0.00018021	0.00018617	0.00019213	0.00019809	0.00020404	0.00021	0.00021447
5.2702E-06	5.2702E-06	6.1485E-06	6.1485E-06	6.1485E-06	7.0269E-06	7.0269E-06	7.0269E-06
0.02240571	0.02604485	0.03011	0.03746544	0.04384533	0.04956645	0.05096242	0.05592427
0.00511391	0.00532673	0.00544609	0.00512809	0.00529175	0.00547053	0.00563932	0.00577431
0.02438118	0.02494851	0.02551166	0.02610547	0.02675922	0.0274757	0.02824376	0.02905223
2.8189E-05	2.8569E-05	2.8948E-05	3.1583E-05	3.1991E-05	3.24E-05	3.2808E-05	3.3217E-05
0.0001266	0.00013106	0.00013404	0.00013553	0.00013851	0.00014298	0.00014596	0.00015043
0.00829974	0.00912194	0.01039354	0.01021182	0.01240066	0.00788222	0.0093818	0.00983033
0.0004172	0.0002058	0.00048143	0.00115639	0.00141737	0.00144311	0.00127735	0.00180037
0.02644678	0.03060272	0.03093305	0.03110092	0.03000319	0.03337942	0.03512223	0.13109168
7.8542E-05	8.2405E-05	8.6267E-05	9.013E-05	9.3993E-05	9.7856E-05	0.00010236	0.00010622
0.00874132	0.00890859	0.00908144	0.0092515	0.00941598	0.00986761	0.01031785	0.0107667
8.2242E-05	8.0848E-05	7.9454E-05	7.806E-05	7.9454E-05	8.0848E-05	8.3636E-05	8.9211E-05
0.03526677	0.05252318	0.03381246	0.03194396	0.03277388	0.03387483	0.02258288	0.02747205
0.0909605	0.02467829	0.02749959	0.01527683	0.06087454	0.12692183	0.14384316	0.09801051
0.02448576	0.02499492	0.02544936	0.02686668	0.03006416	0.03381063	0.0363531	0.04106156
0.00118405	0.00119596	0.00120788	0.00121831	0.0012332	0.00123916	0.00124362	0.00124511
0.00277506	0.00347561	0.00347561	0.00358761	0.0033452	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.01107645	0.01134156	0.01160816	0.01187624	0.01265072	0.01289944	0.01314966	0.01339987
0.00619461	0.0064037	0.0066114	0.0068163	0.00701982	0.00726376	0.00750769	0.00775302
11.9860181	11.7495186	11.0832852	11.2605947	11.5783376	11.74669	11.1559376	11.4634138
708.098753	665.936439	652.511515	636.97287	611.427012	645.819408	621.659486	642.514576
211.020777	209.217585	209.288986	194.574611	198.945903	192.158174	191.330662	191.623466
559.480555	558.821957	532.044438	507.611656	520.782234	512.835516	498.684316	508.395308
1266.93093	1225.03199	1224.18327	1196.9295	1213.47028	1235.62412	1257.94067	1304.24028
216.441806	220.516128	225.47698	224.427207	232.593992	228.382186	227.073895	234.39817
710.045669	721.306889	750.525074	768.329249	768.262381	782.746378	790.797315	804.982898
5.89365786	6.26477928	5.7438479	5.60528792	6.1955711	6.71577903	6.22030546	7.33187556
97.5302892	98.2584783	100.71227	106.391203	105.175493	106.63006	111.692468	113.059873
3170.89255	3194.88694	3022.19069	3101.91883	3037.44078	3073.59403	3074.21012	3176.9888
1821.08524	1882.53844	1895.37614	1879.32495	1941.6133	1928.07194	1961.53634	2121.7639
3831.07716	3856.34394	3856.33592	3699.23896	3874.76363	3897.54871	3891.54109	4077.09601
8520.39506	8740.28761	8918.35718	8994.15508	9375.56823	9580.16836	9718.85821	10275.48
1449.51723	1494.22636	1508.14146	1541.90982	1595.19018	1619.68383	1699.30514	1789.85338
5241.24839	5317.44199	5441.51988	5603.04985	5781.06965	5810.09944	5961.75419	6086.89877
13.6973249	14.1629165	13.667721	13.6084828	14.6191348	15.3702872	14.3922349	15.6799064

2004	2005	2006	2007	2008	2009	2010	2011
0.04085714	0.05028571						
0.06002857	0.01031905	0.04216666	0.0418	0.03017143	0.02671428	0.02262857	0.03017143
1.36017605	1.03494276	1.24441416	1.36379035	0.91724277	0.80708563	1.03452369	1.11539986
0.04965714	0.04462857		0.02262857	0.01131428	0.01398571	0.011	0.011
1.76618078	1.61637127	1.50092368	1.44079036	1.44466654	1.49023797	1.69557128	1.83228555
0.02252381	0.01435238	0.03530476	0.05395238	0.033	0.04085714	0.03142857	0.0277619
0.05814286	0.04902857	0.06694286	0.05594286	0.09742857	0.06123333	0.0514381	0.07390952
0.05395238	0.05395238	0.05395238	0.06652381	0.04766667	0.06023809	0.04504762	0.04504762
1.87293301	1.84642825	1.857533	2.03259011	1.85334252	1.82552825	1.97633299	1.80829494
0.38185714	0.385	0.38028571	0.38814285	0.31742857	0.44628571	0.52171428	0.53742857
0.0209	0.02687142	0.01712857	0.02168571	0.00817143	0.01037143	0.0132	0.02137143
				0.90859993	0.95914756	0.92085707	0.7904285
5.57170919	5.08828538	5.52110918	7.15314242	6.30650908	6.28000439	6.42771861	8.36062805
2.08476171	1.9698379	2.47950452	2.43189025	2.34420454	2.49113309	2.76629021	3.1803092
0.03771428	0.055	0.05342857	0.04085714	0.03142857	0.03394286	0.02671428	0.06809524
0.39516184	0.36666661	0.36561899	0.38667613	0.37871422	0.3661428	0.29108091	0.29233805
29.9781382	21.1180586	23.5030677	21.4833109	20.4613063	24.608882	21.3701159	24.6058963
0.06914285	0.05185714	0.08485714	0.06285714	0.03771428	0.06599999	0.07034761	0.05515714
0.05421428	0.03781904	0.02949047	0.04017619	0.0242	0.04929047	0.05007619	0.0497619
0.4709047	0.48295233	0.45833328	0.49437137	0.35912377	0.49086185	0.45037138	0.54832375
0.0860619	0.10004761	0.12047618	0.10790476	0.12225714	0.11785713	0.09700951	0.21916189
0.02702857	0.12424761	0.17191428	0.13954285	0.10512856	0.10905713	0.10848094	0.12519046
0.01178571	0.00628571	0.00911429	0.00460952	0.00565714	0.00408571	0.0055	0.00612857
0.27615237	0.23309522	0.19066665	0.22115237	0.16604761	0.14509523	0.2430476	0.20795236
1.24268564	1.28511421	0.82877134	0.87402849	1.00917131	0.83285706	1.06432846	1.08004277
0.06809524	0.06809524	0.0585619	0.0563619	0.05185714	0.10999999	0.06966667	0.06652381
0.16913809	0.13074285	0.18469523	0.10711904	0.14184761	0.18893808	0.18773332	0.14389047
0.03614285	0.03378571	0.03928571	0.03142857	0.01728571	0.02734285	0.05950475	0.06699523
0.25027616	0.0832857	0.18878093	0.23330474	0.2295333	0.18081902	0.19260473	0.25870949
3.03772832	2.94485692	2.667395	2.46667122	2.46263788	2.65927599	2.5563474	2.59285692
1.37395231	1.24928565	1.19533326	1.12215707	0.99843328	1.0068666	1.03808563	0.76617613
0.0563619	0.05259047	0.03184762	0.02781428	0.06390476	0.07940952	0.0585619	0.06055238
0.17547618	0.1880476	0.1712857	0.17285713	0.16080951	0.18071427	0.18857141	0.23047617
0.00157143	0.00157143	0.00314286	0.00314286		0.00157143	0.00314286	
3.80144279	2.98529516	2.80814278	3.05957134	2.69526182	2.74696183	2.76099989	2.40056659
1.91766664	1.76366664	1.73171425	1.98261901	1.87104757	1.93023805	1.8940952	1.86790472
					0.09994286	0.07857143	0.08485714
0.29857143	0.29857143	0.253	0.242	0.14457143	0.19328571	0.242	0.20166666
0.21036189	0.20721904	0.28589521	0.19485713	0.2430476	0.27206665	0.26054284	0.29092379
0.07914761	0.08957142	0.09742856	0.09763808	0.09899999	0.06144285	0.08737142	0.08014284
0.67676189	0.67257142	0.68723808	0.64899999	0.45990475	0.46619047	0.32601904	0.34728571
4.34033748	4.58726126	4.23122797	4.53252316	4.79809456	5.89568495	5.39345645	5.07545169
17.9949497	19.412378	21.1050682	22.1268109	23.2943298	23.8765965	25.2412249	25.9392533
0.08485713	0.05342856	0.07951428	0.05091428	0.08972856	0.11424284	0.09067141	0.11984761
1.76832831	1.55466645	1.8961902	1.63952356	1.8815235	1.74899972	1.82547593	1.45619026
0.00544762	0.19621902	0.2190571	0.1676714	0.2168571	0.23571424	0.19139997	0.21308568
0.06804285	0.0302238	0.03954761	0.03127142	0.03237142	0.05479047	0.03624761	0.03975714
0.96433323	0.92714276	0.93080941	0.96695226	0.81766656	0.87947608	0.93080943	0.83652372
0.01194286	0.02870476	0.01079048	0.01257143	0.01854286	0.01812381	0.02110952	0.02110952

0.99974284	0.93814284	0.11518571	0.76659521	0.86622378	0.72416664	0.66309044	0.77832854
0.11942857	0.12257143	0.12885714	0.13493333	0.154	0.154	0.18542857	0.17914286
0.10931904	0.09344761	0.11974285	0.06835714	0.10099047	0.06641905	0.11151904	0.07867619
0.0154	0.01005714	0.01508571	0.00597143	0.01194286	0.08705714	0.06694285	0.0924
0.26368568	0.20947139	0.18102854	0.1797714	0.16814283	0.16028569	0.15242855	0.14142855
0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143
0.05788095	0.02493333	0.02535238	0.04085714	0.0176	0.01712857	0.0382381	0.03252857
0.04085714	0.05028571	0.05028571	0.05028571	0.05028571	0.05028571	0.05133332	0.05054761
0.34445711	0.24985711	0.26714282	0.27185711	0.2773571	0.28599995	0.30862852	0.3554571
				0.28615714	0.32119999	0.27761904	0.28652381
0.08176667	0.06332857	0.08145238	0.0877381	0.10528571	0.10114762	0.09643333	0.09700952
0.46503808	0.42480951	0.4630476	0.43057142	0.36666666	0.33628571	0.34990476	0.36561904
						0.01697143	0.01728571
2.97104744	2.75178078	2.80740937	2.90970932	2.75125698	2.8870284	2.91238076	2.89561885
0.01052857	0.01131429	0.01571429	0.01288571	0.0066	0.00345714	0.01602857	0.0143
0.08957141	0.07401427	0.0788857	0.08045713	0.08799999	0.09899999	0.10811427	0.1250857
1.54743804	1.27013327	1.37070469	1.40024755	1.08260946	1.52323803	1.27180947	1.31476185
0.15368569	0.16227617	0.23592378	0.16059998	0.29097614	0.1943333	0.49044278	0.14205712
0.03163809	0.01707619	0.04819047	0.07019047	0.0755857	0.07783809	0.07883332	0.04347619
0.03195238	0.02671429	0.02461905	0.04138095	0.03090476	0.03719048	0.04190476	0.02723809
0.01571429	0.01885714	0.01571429	0.00628571				0.00942857
0.02943809	0.00036667	0.00377143					
0.6636142	0.54366183	0.54711898	0.54654277	0.56744279	0.63286659	0.65916182	0.64952372
4.19534695	4.46290881	4.02060415	4.45557546	4.58018972	5.33101819	4.72298018	4.75194683
0.40511424	0.43298091	0.48054282	0.46598091	0.49510472	0.54245711	0.53156186	0.56854282
0.96119039	0.96380943	0.96380945	1.18695229	0.98371421	0.98738087	0.94914278	0.98423801
1.57247612	1.68038088	1.75633325	1.85166658	1.74899992	1.92091419	1.86842848	1.97790467
0.20114282	0.16971426	0.20114283	0.22942855	0.13891426	0.12099999	0.35137141	0.40857141
0.05290476	0.05080952	0.05133333	0.04714285	0.05018095	0.05185714	0.05510476	0.04138095
					0.02849524	0.03127143	0.0354619
0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143
0.46985713	0.43842856	0.50442856	0.55314283	0.59714283	0.59714283	0.81661902	0.992619
2.2557333	2.31565711	2.42890473	3.04212855	3.44064284	3.88687617	3.55886664	3.99247617
0.38499995	0.31428567	0.33576186	0.38447614	0.26871425	0.24304758	0.24409521	0.31428567
0.21114759	0.25781902	0.25142855	0.31407617	0.32979045	0.3645714	0.19485713	0.21371427
0.09192855	0.08789522	0.08642856	0.08894284	0.08234284	0.08632379	0.11911427	0.12969522
0.00314286	0.00314286	0.00314286	0.01037143				
0.1707619	0.20784762	0.14954762	0.15117143	0.18909523	0.23157619	0.1864238	0.22733333
0.10580952	0.10947619	0.11209523	0.14719047	0.10999999	0.08223809	0.10423809	0.06809523
0.06851427	0.07102856	0.05122856	0.03708571	0.02514285	0.03299999	0.01917143	0.00188571
0.04085714	0.06285714	0.05657143	0.06180952	0.05342857	0.03205714	0.03457143	0.02158095
0.49971423	0.47142852	0.31763806	0.37735235	0.29249521	0.32151426	0.25064281	0.2410571
2.06014264	2.19329505	1.92730459	1.98523791	1.86214266	2.30722354	2.52669973	2.63140925
0.03315714	0.03268571	0.02545714	0.02095238	0.0198	0.033	0.033	0.03032857
0.3329857	0.36409997	0.5215571	0.54999996	0.54999996	0.55942853	0.56571424	0.56571424
0.00785714	0.00785714	0.00785714	0.00785714	0.00754286	0.00785714	0.00785714	0.00785714
0.1927619	0.20533333	0.231	0.22366667	0.19569524	0.22942857	0.23571429	0.24514286
2.07459989	2.12457132	2.26668085	2.1177618	1.78095229	2.49563799	2.33063798	2.11435704
0.39097141	0.40417141	0.40071427	0.42585712	0.40961903	0.44345712	0.40589997	0.3984095



0.07364761	0.05018094	0.06002856	0.05248571	0.04965713	0.0739619	0.11073332	0.05730476 2.16872851
0.10507618	0.10444761	0.10444761	0.1094238	0.10015237	0.11010475	0.11544761	0.1382857
5.61508033	5.46259936	5.85540408	5.49722316	5.05706604	5.32745649	5.94743737	6.16146592
						1.66880475	1.66382856
0.34152377	0.37452376	0.31271425	0.34623805	0.3488571	0.39846186	0.41129519	0.42281899
2.50103305	2.13478552	1.96543793	2.15180938	1.77571414	2.38857126	2.23666648	2.39904743
0.4665571	0.37211425	0.46776186	0.46933329	0.42690472	0.44209519	0.40595233	0.44314281
0.01120952	0.02137143	0.03268571	0.03268571	0.044	0.0621238	0.14760951	0.18736664
0.04714286	0.04714286	0.05028571	0.07857143	0.07228571	0.05971429	0.10821905	0.09585714
0.02143787	0.02363209	0.0255172	0.02567987	0.02478196	0.02833612	0.03115203	0.01804353
0.0395727	0.05326363	0.06856883	0.09819757	0.20723773	0.3648974	0.46704968	0.69595632
1.30309473	0.97914893	1.93518486	2.30328806	2.92952426	3.46545658	3.65706844	4.02406655
2.0146E-05	1.7981E-05	1.7016E-05	1.7598E-05	1.4188E-05	1.5906E-05	2.1997E-05	1.602E-05
0.88531901	0.70722508	0.93747368	0.72089018	0.65217448	0.56017393	0.57073146	0.56882854
0.18803172	0.19101624	0.19400103	0.19698555	0.19698555	0.19997034	0.20295485	0.20295485
0.12833909	0.13132372	0.13132372	0.17012391	0.298463	0.48649469	0.54618729	0.67452638
31.72512	33.1860793	33.8525859	38.7974756	37.0751725	35.3227934	39.8076577	40.3235147
0.99435121	1.14996784	1.14573549	1.48674297	1.63008045	1.51973129	1.63664301	1.83536236
0.01017599	0.01054373	0.01177607	0.01201302	0.01258135	0.01529932	0.01801709	0.01317862
17.398939	17.8489855	17.582335	17.7534087	17.9209842	18.511601	18.8086892	19.2119693
13.6247516	13.272449	12.9303533	10.9645142	11.3054947	10.3889268	10.582368	9.32613257
6.03377738	6.63573527	5.96990736	6.1184424	7.43896586	6.98188686	7.15749553	7.27932316
0.02764943	0.020434	0.02523754	0.03806254	0.01957485	0.01875104	0.02625638	0.03945959
31.0637544	30.6101873	28.2932623	24.9296622	28.9748751	27.0074315	29.3893654	24.1828287
0.82659896	0.92140456	1.04140406	1.07273181	1.10720867	1.13853642	1.17947632	0.88350888
0.14038455	0.13420051	0.13110273	0.17090646	0.1648156	0.1497671	0.1502677	0.20651564
7.43358553	7.42819875	7.61588756	7.84077414	8.0674326	8.1279116	9.08584625	10.1754304
2.12995611	2.13329483	2.36423002	2.07061697	1.82717583	1.59334306	1.7473039	1.98247315
0.22363881	0.23590633	0.19165274	0.20060657	0.22530642	0.23111143	0.22481296	0.22779748
0.05347863	0.05260169	0.06575996	0.0735467	0.07415362	0.06491573	0.08283547	0.05306034
1.69881921	1.90541724	1.52668617	1.67816402	2.01929435	1.27928479	1.58437804	1.63008581
6.84553013	7.13709693	7.34973856	7.31255257	7.52876223	6.9118477	7.29027467	7.30812249
0.00826388	0.00910716	0.01034342	0.00929557	0.00871294	0.01114204	0.01480596	0.00915066
0.01059947	0.0113927	0.01392746	0.0155375	0.01520577	0.01404955	0.01998568	0.00951107
1.80922089	1.8433477	1.94595488	1.97706815	1.92868796	1.93688164	1.97120252	2.04245683
35.0437639	34.3058973	34.4125	36.0278517	37.9126018	37.0563868	38.0685812	36.9504066
0.02809953	0.02902614	0.03137666	0.0294051	0.03539973	0.03864107	0.04545789	0.03494001
0.04814249	0.05112701	0.07563177	0.10860735	0.23710329	0.21724287	0.099697	0.10283302
0.01285575	0.01234709	0.0129514	0.0176416	0.01581013	0.01785478	0.02443193	0.03273924
0.24880256	0.18430566	0.19066356	0.30706682	0.20391185	0.24982842	0.19308501	0.18136988
0.03387846	0.02991635	0.03072911	0.02781781	0.01861377	0.01729555	0.01662178	0.02166366
84.4916136	87.1636232	82.6843645	88.316478	87.9434151	83.6056683	81.7777098	88.5741203
17.3973716	17.7239395	16.7339096	14.8919351	15.8023009	15.527987	16.6474706	13.4015931
4.91507203	4.43420531	4.41294692	4.88678963	5.02048234	5.24202294	5.98365504	7.02337339
494.388672	521.631695	545.018429	559.192757	543.709577	556.955848	585.755544	618.257263
1.40323901	1.07657198	1.4736576	1.38818809	1.39285996	0.77136783	0.83076883	0.65012909
0.53790222	0.48420107	0.40861974	0.37679826	0.36354299	0.36039391	0.36570489	0.40483415
	0.03464143	0.02834297	0.01574602	0.00314908	0.03779052	0.02519388	0.02834297
0.01492314	0.05586304	0.05868296	0.06796595	0.08039859	0.09896454	0.10841239	0.10526301
0.00328487	0.00470938	0.00508455	0.00562143	0.0053149	0.00496294	0.00639652	0.00819383

5.80055985	5.90870348	6.90570861	6.93043322	6.86135642	7.362532	7.50582152	8.38864926
0.01905149	0.01652624	0.01908089	0.0113733	0.01027124	0.01223729	0.01356596	0.01460268
0.05331357	0.07461871	0.07854789	0.08056883	0.07081415	0.06599166	0.06582772	0.0913484
0.40913472	0.41597076	0.45166656	0.46094838	0.45799202	0.46125325	0.40899128	0.40886444
4.02945964	3.75066734	2.81126024	2.79403596	2.68853341	3.38774533	3.98789171	3.61914999
0.00855685	0.00899365	0.00986841	0.01149854	0.01213877	0.01305588	0.01597153	0.01239435
0.24324371	0.55326857	0.67816962	0.65566822	0.63349308	0.63591667	0.5827158	0.63856823
15.696098	13.4343834	14.070779	12.2672037	12.7657733	12.4653261	14.4378126	13.170031
164.090234	160.733771	169.033493	130.019084	154.075818	143.155411	150.69857	129.859191
0.10842199	0.09263501	0.08597022	0.08063967	0.07872289	0.06782197	0.0712098	0.06561577
0.00248095	0.00248929	0.00268663	0.00329616	0.0030274	0.00351225	0.00449976	0.00321905
6.62897133	6.54417952	6.2850719	5.85866834	5.69786799	5.61339108	5.97727745	5.29987285
1.2174234	1.35204668	1.54822695	1.60309805	1.62107949	1.62467663	1.55050867	1.4139018
11.5155221	12.5004213	12.1934583	13.6019101	13.5746349	17.4046375	16.8060023	18.5701984
4.51304375	4.96903508	5.25605936	6.23536707	7.14257286	7.32760865	6.16018418	6.74191575
14.3893334	17.5324009	18.0812342	19.7503317	20.6831051	22.3263924	22.4435825	22.8073976
0.08724204	0.08409265	0.07812334	0.07517659	0.06245289	0.05913921	0.05913921	0.05877198
0.05298107	0.04885414	0.04265865	0.0410269	0.04329481	0.03618801	0.03210777	0.0395543
36.6117547	36.9699907	37.8862767	35.7369876	33.7222405	33.0489346	35.3912854	32.5172737
0.76059182	0.74298764	0.66224123	0.64059185	0.62128493	0.57184108	0.58055862	0.67073973
1.3406017	1.15105565	1.23049751	1.37538229	1.41032001	1.38509385	1.35086756	1.37411752
6.04697616	5.79344431	5.56794358	5.59091983	4.90216839	4.8439558	5.22076245	4.4713174
0.12745999	0.09624545	0.10815332	0.12877031	0.08798617	0.07615713	0.12553167	0.10269682
0.00067016	0.00068433	0.00085391	0.00083347	0.00085323	0.00099112	0.00110537	0.00078766
107.798934	104.879145	99.7224682	90.7956496	97.529919	99.2816829	97.2859122	83.5727261
0.18399456	0.19636778	0.19620321	0.22142396	0.21860374	0.22163424	0.31263988	0.33162127
109.915332	106.1488	101.069743	96.4928699	101.056973	94.597928	105.803759	86.2048381
0.68416596	0.99688612	0.98143164	1.12776314	1.30876376	1.1341093	1.1593056	1.39828594
0.70867777	0.6666759	0.65474462	0.87721837	0.69525956	1.15973861	0.8549163	1.05109588
0.22752296	0.21285873	0.21830944	0.20637606	0.18518547	0.19202637	0.21086265	0.2621014
0.03554506	0.03607299	0.04025017	0.04086528	0.03905696	0.04471543	0.05822647	0.06428961
0.0443421	0.04034507	0.04331069	0.04129177	0.03784998	0.04017238	0.03841951	0.04823191
0.03656404	0.03347848	0.03401925	0.03272709	0.02815448	0.02851113	0.02725668	0.03300155
0.06150292	0.0795754	0.09748306	0.10660175	0.10361723	0.11870493	0.12467397	0.12782336
13.3972515	14.0511015	13.9415221	12.6762324	12.3996931	10.6131256	9.47509609	11.4830623
0.00406023	0.00435981	0.00487917	0.00505702	0.00537742	0.00609286	0.00767755	0.00570941
0.32650503	0.33286281	0.33280347	0.34236981	0.34557837	0.30107391	0.28185702	0.29136402
0.69039312	0.56491805	0.5828257	0.62808914	0.61300114	0.56806743	0.61415319	0.66223654
0.01094741	0.0108893	0.0103935	0.01142594	0.01178717	0.01740203	0.01916518	0.02111185
0.23133649	0.31677648	0.22820249	0.26030496	0.27543244	0.16445536	0.26204895	0.27793221
2.40662257	1.73246767	1.69875977	1.69321903	1.69300279	1.66279432	1.6556704	1.64829595
0.6813595	0.66508169	0.67056328	0.27846673	0.45286501	0.44681016	0.25039514	0.25597558
3.83973974	3.87265791	3.62741793	3.31846275	3.4065093	3.45330587	3.51191415	3.26391523
0.24183171	0.24813019	0.25741318	0.22874105	0.23769487	0.21217183	0.21050396	0.20620252
16.8516157	17.3960602	15.8743834	13.0798692	13.3096607	13.0715696	13.8474066	13.1737796
45.043223	42.3119585	37.8650798	37.4815891	34.4232642	30.6308605	27.3669298	29.5431501
127.236281	127.394714	128.179927	124.952404	155.89058	157.807873	161.521701	149.688662
10.2913451	10.8290757	10.6039262	10.3422084	11.1937849	10.5308131	10.8153761	9.48286174
118.387982	124.371508	139.148633	149.673002	135.034652	138.478983	133.718155	135.215769
7.59449573	9.78357896	10.5905916	11.0985929	12.61834	10.4579943	10.864189	10.9727762
0.74459634	0.73130254	0.61608594	0.63337631	0.58346501	0.67459491	0.60545181	0.57698106

5.1587507	4.07822245	4.61579825	4.47589309	3.34841603	5.07188617	4.92547371	4.93343369
84.3529903	89.2490347	83.4505565	76.7197243	80.4158879	81.2810817	83.8757492	77.9134818
0.48260585	0.53231436	0.76853682	0.83979634	0.50321771	0.46008703	0.43672376	0.41968848
3.09068221	3.23370158	3.06719378	2.93270954	2.44716709	2.56256261	2.22247783	2.44186384
175.699938	175.303939	167.912784	162.995186	151.60662	145.408467	144.409706	141.558615
6.53647937	9.77778266	16.3495986	20.8403465	26.620577	24.2731381	26.8333181	25.5537932
1.15937922	1.28959376	1.26396046	1.35984055	1.23696047	1.5532389	1.58654833	1.45018611
0.74872045	0.98385615	1.03175374	1.31831203	1.71318559	1.68519878	1.73239938	2.10331844
0.23752238	0.2560215	0.27452031	0.24769626	0.23958235	0.50513707	0.28048049	0.23781292
0.00306143	0.00356805	0.00399637	0.00480412	0.00493726	0.00436936	0.00471049	0.00498739
0.00400478	0.00372451	0.00416474	0.00428887	0.00438716	0.00520164	0.00638945	0.0048378
66.1084604	68.9282743	63.0003233	61.1776491	59.040857	59.0809187	62.9732184	61.8725929
0.37437348	0.43141066	0.43455975	0.46804913	0.5176137	0.50452303	0.48661537	0.55027989
0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00933399
1.92648815	1.31634047	1.31481978	1.16144874	1.3509443	3.14373258	1.17969853	0.69519078
0.07148089	0.07548499	0.07706338	0.06473425	0.05048763	0.04558266	0.06670573	0.08888727
2.46908902	2.45785262	1.64622016	1.60955959	1.75397396	2.07206713	2.11848262	1.17947716
0.00671311	0.0070476	0.00767452	0.00773747	0.008136	0.00924319	0.01176686	0.00875336
1.17455091	1.23518693	1.22590959	1.12543856	0.99313964	0.92101108	1.05051179	1.09603925
0.05526389	0.04967675	0.04883094	0.05724667	0.04224374	0.04739978	0.04552979	0.05663419
1.12261704	1.19137314	1.32074299	1.29497713	1.23282467	1.20091408	1.35953473	1.37601777
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0.13437335	0.11864926	0.12292458	0.15035437	0.11510597	0.12778919	0.10700238	0.13328507
5.38920953	5.64790153	6.00538415	6.41982799	6.77802967	7.14795019	7.38545003	7.74602593
1.88655558	1.8330424	1.77113614	1.55478111	1.33958971	1.40270811	1.52630751	1.48785297
0.0429392	0.11128519	0.10817839	0.1173128	0.11420672	0.12644856	0.14198183	0.15440831
0.04877776	0.03963676	0.05052374	0.06846524	0.06878907	0.07415602	0.08135654	0.10026404
32.3852982	31.8539475	32.701446	32.3273261	32.6058381	31.7606726	32.3270381	32.288806
0.67216319	0.60902211	0.53539959	0.51249273	0.3491223	0.44464673	0.42775316	0.3412405
0.1206844	0.11189427	0.1307785	0.14164696	0.14892215	0.1836494	0.17104908	0.22273493
0.1076074	0.1214858	0.1054555	0.1149284	0.117831	0.1051548	0.1304774	0.0963439
0.76335239	0.75294561	0.77735202	0.77033867	0.74770025	0.74791882	0.56488777	0.74707971
1.00711747	1.54931201	1.31468011	1.76265203	1.66125407	2.34407344	2.15929932	2.54123244
0.20935397	0.19593383	0.18363527	0.19931567	0.16864031	0.1738148	0.15489944	0.09510114
0.1858718	0.17288192	0.16677397	0.17158413	0.1867659	0.17924367	0.16250999	0.21066526
0.03860314	0.03865127	0.04149761	0.04190651	0.04313275	0.04996382	0.06071493	0.06330729
0.18100691	0.18714076	0.17719933	0.16775167	0.16791626	0.1707363	0.17687015	0.17670556
0.17579757	0.15599089	0.16472952	0.15219038	0.16523431	0.15557034	0.1615908	0.18287375
4.28890495	4.62396314	5.26651628	6.79169397	6.22455315	5.53606058	8.81814878	7.84022633
0.82026623	0.73285359	0.74941329	0.76982713	0.9417992	0.97697928	1.06452741	1.08879394
0.11107462	0.11335887	0.1116128	0.16033636	0.14667059	0.15025158	0.16709024	0.18140661
0.03957605	0.02502917	0.02171536	0.01856614	0.01541692	0.01541692	0.01840155	0.02258808
2.94058855	5.88113708	5.78274762	4.64169375	5.26796741	3.0488688	5.77085507	5.65343833
0.39970237	0.39005041	0.3994644	0.41153306	0.39591071	0.40806999	0.42033946	0.45374955
38.8456126	37.367974	36.4829412	33.3573725	36.4051827	36.4071701	42.1609842	33.9295776
3.95946098	3.60007635	3.5981536	3.33851274	3.08674434	3.4671996	3.00437722	2.60966599
1.18685153	1.20010797	0.98607887	0.85222488	0.78432025	0.90407122	0.95232329	0.99978388
3.21419261	3.32494668	3.22715391	3.08978435	2.92986403	2.76897516	2.83648535	2.92574694
0.89654842	1.57346888	2.34366664	2.04300858	2.68328317	4.13049837	6.84855127	9.37418551
13.0274222	13.3873506	14.1080168	15.2539291	15.6546203	15.8243182	16.3247937	17.7493848

0.40903273	0.44202031	0.5860811	0.5442036	0.43869432	0.51156605	0.54849584	0.49469
3.37550099	3.07131477	2.72917862	2.69870404	2.76127359	2.9621567	2.71880085	3.14862343
5.98533591	5.17840629	4.92768305	4.93423867	4.77068529	5.66490938	6.02015794	6.00957219
0.10556292	0.09038191	0.12270494	0.15401301	0.14254067	0.21998215	0.20408932	0.21090302
0.27203905	0.23284737	0.23802922	0.33506329	0.26696938	0.31089387	0.29350772	0.3552588
52.13955	55.0227562	57.6014718	52.8735535	55.3812379	56.3224339	62.5197152	56.0355719
0.57076365	0.5459561	0.49514515	0.48924053	0.44828285	0.44884133	0.45349604	0.34005949
13.5555423	14.2758695	14.6184395	11.9575915	13.3377146	12.2671499	11.8484162	8.25315028
5.97795769	6.58753601	5.48305463	5.35246704	4.68535759	4.91414215	4.96766248	4.37947403
0.20011766	0.18803358	0.19696844	0.19986095	0.19092609	0.19960423	0.19092609	0.19960423
0.05832077	0.05452977	0.05348827	0.07396757	0.06980005	0.07037548	0.07641041	0.08386189
0.14326224	0.16415465	0.19400095	0.19400095	0.2387704	0.24772429	0.29249374	0.32532467
0.31678771	0.27189833	0.25150311	0.21648581	0.21432954	0.2177093	0.2223425	0.21582497
10.7024539	11.1593122	12.6042207	11.1524411	9.75810435	9.48342333	9.43514563	9.83322204
169.635338	158.287245	161.134286	166.387422	174.56924	154.65039	150.663667	155.8805
0.09642582	0.10567523	0.10887338	0.09962398	0.10282213	0.10593991	0.10593991	0.10279976
3.73397977	4.03752305	3.94781956	4.13451252	4.3470576	4.38205021	4.41121614	5.12900865
4.89152628	3.35431634	2.3904726	5.24527904	3.72085224	3.19210378	3.49545717	4.36503831
1.22567577	1.36036488	1.56253329	1.641147	1.31151805	1.26668374	1.46201132	1.28643969
0.42960012	0.44103055	0.42312277	0.37115068	0.37395994	0.3830892	0.37620291	0.35226028
0.60916802	0.51834024	0.4678102	0.57557027	0.59292739	0.62050637	0.63606301	0.62425308
3.0576E-06	2.8089E-06	2.3734E-06	2.3591E-06	2.5676E-06	2.0398E-06	2.307E-06	2.4168E-06
0.01890509	0.01730278	0.01809925	0.02523627	0.02361585	0.02468521	0.02765911	0.03265385
0.07210722	0.05948517	0.07210985	0.06075119	0.05254786	0.0518082	0.05153897	0.07801333
0.50746697	0.50009505	0.59842309	0.49872444	0.52260167	0.54997058	0.65193346	0.555664
0.09857827	0.08983635	0.08981529	0.08228129	0.07201575	0.06985639	0.06686858	0.07970738
0.00134385	0.00142389	0.00154011	0.00155775	0.00159469	0.0018524	0.00233877	0.00172679
0.01129001	0.01094639	0.0112935	0.01049909	0.01019516	0.01066291	0.01083314	0.01330958
0.34930037	0.38128178	0.39068347	0.36501523	0.3713284	0.34234774	0.42800755	0.36653043
5.79280618	6.29927384	6.33956822	5.91099028	6.46768147	6.77713606	6.85025636	5.43907557
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0.14564115	0.11865637	0.12495209	0.09340793	0.09000212	0.09514774	0.08054179	0.08194131
7.36981677	10.2586588	10.5340312	10.4937693	10.5342084	8.31389375	7.69242073	7.94855675
0.0017194	0.00206558	0.0025693	0.00294391	0.00320906	0.00376007	0.00474496	0.00347983
0.03073718	0.02988182	0.03009418	0.03024814	0.02810544	0.02994755	0.03098555	0.05380748
0.13193806	0.18862402	0.13177347	0.13177347	0.13790732	0.15995186	0.17553337	0.18481644
15.6809443	14.9828121	15.6664084	16.5903253	17.3217577	17.4738532	18.2566408	19.7223636
1.7794548	1.63306916	1.79386402	2.54956485	2.4975618	1.99092824	1.99895678	2.09552206
20.1891129	20.0044407	20.3667107	24.5266549	23.6123403	22.5380461	25.5561056	26.9198731
0.01133174	0.01018026	0.0104857	0.01422965	0.01438304	0.01629982	0.01844531	0.02185731
0.00738916	0.00702671	0.0080485	0.00891462	0.008909	0.00986636	0.00975373	0.01052648
0.4495673	0.41732875	0.44591659	0.44416585	0.459089	0.48557032	0.41883304	0.37351865
4.09822424	4.15246181	3.93702483	3.96844079	4.11286466	3.38072497	3.36723306	3.28514001
39.3173805	42.8296484	45.3125926	49.165287	65.9686819	63.1816753	63.0023512	67.9886103
14.0679989	13.9158639	12.6701258	12.0433727	12.5358047	12.1590177	11.8478956	11.460344
0.51649281	0.55119354	0.5539869	0.59785208	0.64544624	0.55377634	0.56799516	0.45966427
0.1396297	0.28710346	0.29323731	0.44624037	0.3680888	0.37863734	0.343732	0.33812755
46.7539119	46.1485968	48.1279835	42.5646715	42.5743658	39.0946414	41.2072752	42.8807799
1.05885919	1.05724995	0.93296754	0.98617065	1.01873612	1.03544139	1.05365089	1.0419057

646.306532	626.896742	577.605477	604.796694	609.816801	601.427202	596.394081	570.156543
46.6348549	44.6499224	46.4126876	44.7083539	46.6227814	41.2217874	47.5917343	48.2070759
0.00392443	0.00403406	0.00436892	0.00435969	0.00442654	0.00711898	0.00625557	0.00424997
5.79288687	7.24229065	5.12158288	11.2117866	6.44246553	6.32959097	6.43579891	6.23332592
0.00217707	0.00228505	0.00269384	0.00272593	0.0029949	0.00364352	0.00456158	0.00342489
11.0684901	11.5233333	11.4191017	11.5917216	11.6078453	11.7545869	12.5190967	12.2569109
0.00575233	0.00514988	0.00483102	0.01020008	0.00924567	0.010857	0.01194326	0.01573701
0.01391891	0.01262996	0.01322341	0.01859158	0.01758816	0.01872187	0.02033144	0.02348118
5.00508167	5.1664777	5.39411407	5.86022979	6.23151161	4.45115728	4.11165954	3.241628
23.7807403	25.1056398	28.3118187	34.4071383	37.2180594	35.999529	19.8217942	24.1026656
0.19708229	0.20205973	0.18690148	0.15736061	0.19877151	0.17977748	0.20093088	0.20476608
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0.00021911	0.00210558	0.00247419	0.00371982	0.00734981	0.01446214	0.02193646	0.03149057
9.81688545	9.28022761	7.90753277	7.00482445	6.92539133	6.76804323	8.09967927	8.12123176
0.0006626	0.00068066		0.00067763	0.00061873	0.0003571		0.00036064
0.11151255	0.1573	0.12165544	0.23603008	0.28086777	0.12772406	0.08078915	0.12287057
2.71200617	2.94799761	2.80609662	3.20820715	3.10789528	2.75341103	1.14125025	2.36406351
4.068064	4.16045824	4.30341879	4.22202471	4.05159044	3.95655251	4.3604342	4.46486243
17.7920116	16.6044679	16.382501	19.5074342	21.5322377	19.5153834	20.1578826	18.2428881

6.0008E-08	6.2531E-08	6.9619E-08	7.2872E-08	7.7576E-08	8.735E-08	9.4737E-08	9.817E-08
26.8831236	26.5990783	27.5228785	28.3767653	28.3017454	27.7160209	35.3737494	35.9627105
7.46149522	8.11771707	8.0620472	8.10382202	9.03106824	6.21046035	7.79511786	8.26347748
3.55966211	3.76332082	4.13503106	3.27069408	4.58896831	4.801192	4.00356796	4.21219957

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2.5777302	2.40284923	2.45075436	2.70102426	1.61265653	1.21121707	1.20363928	1.23416352
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3.1536E-07	3.1196E-07	3.8877E-07	4.4614E-07	4.5723E-07	3.7063E-07	4.3557E-07	3.9526E-07
0.32298439	0.48647016	0.52094911	0.54946997	0.61745428	0.93390105	1.16089632	1.3330289
3.60202993	3.56368013	3.77358929	3.79204469	3.59201445	3.64255741	4.68823304	3.61558191
4.8732E-08	5.4011E-08	0.00015244	0.00022051	0.00026847	0.00030503	0.0020289	0.00030761
6.2505E-08	6.7566E-08	8.2338E-08	9.4252E-08	9.3758E-08	8.0215E-08	1.0509E-07	7.085E-08
1.25780801	1.14515625	1.02248224	1.01529253	1.09449299	1.07423502	1.06264271	1.12392711
30.5024537	34.4244992	33.1367211	34.3133995	36.1925594	36.206171	34.6198038	38.9635708
0.00179753	0.00126525	0.00139491	0.00541046	0.00526886	0.00526641	0.00567417	0.00527357
2.30882924	2.12459931	2.69911828	2.47134708	2.76991124	2.74071987	2.76220697	3.18873532
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68.8086033	102.259365	103.579055	102.331338	97.4932753	99.6434622	107.109707	113.176375
0.93421604	0.97192878	1.09536973	0.91344827	1.01272733	0.95956604	0.9453775	0.87490242
5.31370431	4.84460367	4.56033836	4.53869176	5.45220338	4.5807383	2.75192741	3.46568234
289.688404	302.433177	359.008736	389.104946	398.354618	485.086726	525.756529	547.757857
0.40794264	0.58877298	0.22415562	0.25639985	0.34638939	0.35386145	0.30660146	0.33920244
1.93643657	1.87112887	2.00252777	2.43508949	2.65042285	2.65629976	2.5464143	2.17092778
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2.0739E-10	2.3299E-09	2.5646E-09	1.6267E-09	1.8456E-09	1.2142E-09	1.8352E-09	1.9545E-09
8.14073283	7.71569018	6.88748032	6.95380659	6.55955822	9.00403838	9.11626732	9.67507594
0.06854992	0.05911836	0.08089914	0.08089923	0.07156463	0.06534158	0.06845298	0.04356073
0.56059181	0.54499836	0.55771605	0.42934382	0.43847582	0.81211696	0.47830869	0.69869526
5.046E-08	5.3338E-08	5.8341E-08	6.9751E-08	7.4847E-08	7.4541E-08	8.3982E-08	9.2328E-08
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6.16179946	5.60888621	6.70609577	6.69981325	5.81150227	5.04142414	6.72776906	7.26488199
36.3699611	34.8835666	35.6458869	37.0223812	34.2908585	30.64866	35.5953591	34.6506442
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0.22547837	0.22547838	0.26941062	0.24697018	0.25883274	0.18254181	0.24346064	0.19053488
29.3037537	28.2228597	29.0883248	27.4230252	28.1570733	24.9415338	24.9904291	24.0255283
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17.0726555	17.5363362	20.9793205	21.2191128	20.0402664	17.9918745	19.1134669	18.1687483
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8.0473E-09	4.7617E-08	5.4552E-08	3.7263E-08	3.0553E-08	1.8632E-08	3.6015E-08	2.4496E-08
3.9519E-09	4.0585E-09	5.0483E-09	5.0559E-09	5.261E-09	5.6587E-09	5.8122E-09	5.8674E-09
28.7910136	25.8183074	25.2705559	26.7922698	27.4962658	23.7853286	22.8017636	21.3470569
5.09933053	4.56461161	3.81689984	3.16591577	3.44000052	3.29541922	3.23462274	2.77072206
44.3304676	47.4144174	44.2377252	42.1561534	41.5143773	37.8467556	38.79819	35.4426405
0.60374965	0.52712508	0.75412947	0.64893277	0.38476616	0.32030838	0.30943006	0.29317805
0.15833262	0.1160588	0.12912823	0.13221043	0.17336639	0.09161773	0.10663482	0.43189843
2.0961E-07	2.1394E-07	2.3796E-07	2.4789E-07	2.4082E-07	2.553E-07	3.0617E-07	3.3805E-07
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0.08269674	0.08563461	0.078872	0.08528455	0.07551362	0.08185221	0.07529847	0.10719733
6.4557E-08	6.4581E-08	6.1445E-08	6.9311E-08	7.2679E-08	9.9355E-08	1.0077E-07	1.1101E-07
0.42093822	0.42127477	0.31704767	0.21045441	0.19746443	0.13626794	0.14855094	0.1587307
2.16528346	2.12765882	1.97432176	2.15683914	1.6429659	2.0364941	1.9101633	1.95858184
2.24621246	2.48463301	3.04721243	2.55549168	2.54828056	2.30432981	2.37641366	2.30406298
41.8794804	40.8001176	39.3747633	37.4401399	37.2779378	37.6460644	44.3234821	39.4144569
69.5292824	68.2812843	74.6199134	63.9284064	57.1290641	52.0232199	56.1966718	64.1926959
0.6005997	0.73575434	0.83840343	0.79424683	0.67942722	0.64321995	0.63438567	0.57020601
52.5403213	59.0750163	57.5292359	56.6369602	59.6319623	58.0958573	56.6825463	56.8233506
18.8481911	17.2881751	17.6954472	15.994198	18.0574982	19.7519312	22.0503714	22.9676914

2.05888083	2.08439644	2.96645745	2.21816603	2.21850854	2.30261513	3.20132514	2.08001586
19.2334349	20.750164	19.5653755	20.9823427	19.7956041	17.4767322	19.6457954	18.5479949
0.00622345	0.00622323	0.00622367	0.00622372	8.4093E-07	8.6665E-07	8.3074E-07	9.1544E-07
0.43565538	0.4669329	0.47320072	0.53603749	0.54863115	0.52652575	0.49230302	0.54221881
65.6222805	68.3644226	68.6865282	69.5874444	65.0612114	64.1704901	66.503548	62.0121338
40.3909201	42.6390315	48.9693194	46.6240711	56.4980834	58.2128878	67.7237077	70.9871655
0.21776671	0.20911375	0.20911353	0.21222521	0.20080203	0.20357234	0.20357238	0.22053701
0.00156058	0.24098059	0.19620352	0.20124147	0.22140476	0.14487006	0.12229767	0.09806266

1.9329E-10	1.7653E-09	2.0157E-09	1.3902E-09	1.7145E-09	1.069E-09	1.3514E-09	1.1896E-09
2.3616E-08	2.2089E-08	2.4622E-08	2.6017E-08	2.7051E-08	2.9698E-08	3.3597E-08	3.6038E-08
29.3277816	32.793672	30.0284104	37.5855326	39.7235802	37.4273562	41.6965747	47.5387771
16.5228187	15.8920457	15.6318542	15.7750247	15.8662154	14.4174972	14.5163879	15.7297138
0.00053353	0.00058814	0.00070235	0.00084109	0.00114102	0.00122526	0.00222753	0.00238213

12.7219693	13.3607107	12.9824842	12.0459398	12.2462157	11.1538025	11.9476002	5.90293052
3.9587E-08	4.1797E-08	4.5371E-08	4.6936E-08	5.0166E-08	5.2773E-08	6.1873E-08	6.5206E-08
0.18325503	0.17453799	0.48433509	0.1717674	0.15905161	0.04433031	0.03878908	0.04433039

1.78195573	1.9130592	1.60405055	1.46753007	1.92241959	1.81294124	1.66409903	1.63159867
							0
0.03299468	0.00939118	0.01504591	0.01878237	0.02131346	0.03584801	0.01509641	0.02832482
8.4838E-09	5.8701E-08	6.2003E-08	4.3509E-08	3.9971E-08	3.1264E-08	0.00487336	0.00281367
0.45061983	0.59162357	0.45355214	0.48983626	0.47704046	0.85578587	1.31271647	1.32725181
0.11803743	0.15562788	0.16572109	0.17142657	0.16120834	0.17623225	0.11276822	0.10549822
1.8862E-07	0.03335201	0.03335201	0.03638389	0.04244833	0.0454802	0.05154465	0.05457652
3.0796E-09	1.961E-08	2.5484E-08	1.9812E-08	2.3887E-08	1.8142E-08	2.3341E-08	2.3916E-08
61.9554599	62.1474698	63.181886	63.0081815	64.9367229	63.9613508	64.1804544	63.0176944
0.00783254	0.03959134	0.03991004	0.04605803	0.06226525	0.05902439	0.07751665	0.08080421

0.67745167	0.73729049	0.80326584	0.8291253	0.84727142	0.79700455	0.78198557	0.74926754
0.00315022	0.05771619	0.3377416	0.21980111	0.24155693	0.2763978	0.63288643	0.49829723
0.00018204	6.5962E-05	0.00042871	0.00027002	0.01222943	0.01222812	0.01223301	0.14912611
	0.0010659	0.13330498	0.12383881	0.06320235	0.05396396	0.04867248	0.04882922
2.2764E-07	2.2923E-07	2.4533E-07	2.5421E-07	2.6595E-07	2.8526E-07	3.1925E-07	3.3288E-07
0.00048367	0.00043538	0.00053196	0.0005706	0.00056095	0.00057061	0.00062905	0.00080297
25.4083186	28.5114638	29.2864355	29.7816163	36.1314892	27.0813624	17.8905789	30.2122418

7.0128E-09	5.6084E-08	5.6297E-08	4.6398E-08	5.0932E-08	3.6759E-08	4.7938E-08	4.327E-08
0.0075938	0.00757553	0.00556691	0.00757188	0.01037684	0.01238612	0.03244916	0.02927077
53.5742728	52.3219399	46.0414431	40.8707939	40.2329544	36.8399994	38.8070273	40.2960493
0.10292581	0.10015519	0.07203516	0.08054322	0.0639198	0.04812137	0.09515059	0.08683893
13.708875	13.8858596	13.3941735	14.21566	14.244941	12.2139422	12.7140791	13.5804875
12.2336299	12.2147772	12.3962005	12.4955108	14.015868	13.7628217	13.2312522	12.7698252
8.4636E-05	0.00011285	0.00018808	0.00013166	0.00014106	0.00015046	0.00015987	0.00016927
1.4809969	1.56277509	1.59342553	1.63562368	1.69630328	1.73847322	1.81536402	1.83467852
11.7413345	11.4761752	11.1948626	10.5157441	10.4914171	10.4168527	9.86220693	10.2509819
3.24372276	2.9640208	3.19512083	4.12499631	3.53430331	3.65986758	4.70861561	2.5447031

2.33984042	2.62248715	2.27895537	2.03818123	2.32203151	2.96962844	4.13068807	4.37949088
2.13772859	2.03050892	1.56146519	1.60859395	1.35717643	1.32193638	1.49106516	1.45001205
0.0012237	0.00290804	0.00318811	0.00217228	0.00153047	0.00284311	0.00189893	0.00162773
0.2288329	0.64483053	0.80659544	0.5004729	0.8064772	0.20845189	0.0651938	0.05955854
12.675084	11.1004089	11.611333	12.9068206	12.3834844	10.5286642	11.7683613	11.8280454
0.01200203	0.01113347	0.01105407	0.01189368	0.01188116	0.01217652	0.01174808	0.0119895
0.36683632	0.38967103	0.38529821	0.34335757	0.36317026	0.36169407	0.36783343	0.36410621
2.41515811	2.72698906	2.49019998	2.49899295	2.89060492	2.74274318	2.32998453	1.93103213
4.0837E-08	2.3224E-08						
3.6821E-09	2.6978E-08	2.6979E-08	2.1405E-08	2.4238E-08	1.7218E-08	2.1922E-08	2.0003E-08
15.5162208	16.6150694	18.8633238	21.9185619	23.2562083	25.1950514	29.3047908	37.9767605
10.9610484	11.1030029	11.5322919	9.23638347	8.82261496	6.00676061	6.34757751	5.45324421
223.92703	226.704795	206.69601	218.811146	186.26457	198.792492	186.565449	185.922801
					3.5712E-08	1.0602E-07	7.0308E-08
26.7902098	27.7048034	29.5260267	27.40178	30.0299101	25.3243547	27.4452237	26.6571146
0.62783169	0.62421032	0.85903078	0.72785334	1.55562855	1.26275373	1.64411087	1.6322703
0.81819256	0.96758073	1.05878986	1.33171516	1.19901857	1.31404431	1.38029343	1.22976853
0.04155992	0.03324813	0.01385367	0.03047717	0.03047724	0.02770682	0.02216599	0.02770776
8.343925	6.98926312	6.83260036	6.79380466	6.80557111	4.58959587	4.62199572	5.58659404
1.5162E-05	2.3274E-05	1.4411E-05	2.5131E-05	2.608E-05	2.5924E-05	1.201E-05	2.5471E-05
1.1936E-09	8.5605E-09	9.1292E-09	7.3028E-09	8.2007E-09	6.0393E-09	7.9354E-09	7.7888E-09
2.3305E-11	6.992E-11	6.7576E-10	5.8264E-10	7.784E-10			
0.03878871	0.03878874	0.04155901	0.04155909	0.03601787	0.041559	0.03601782	0.03601777
7.9246E-09	8.4446E-09	9.105E-09	9.4495E-09	9.8328E-09	1.0576E-08	1.2298E-08	1.2863E-08
0.02759719	0.02817257	0.0290977	0.03360098	0.03459977	0.02830315	0.03438343	0.03395312
6.36952373	6.10797111	6.82112022	6.38149959	5.76190199	5.22756722	5.95050089	5.30661672
0.0289684	0.02663581	0.02703622	0.02548188	0.02462914	0.02423704	0.03283152	0.02285492
3.35523068	3.33946292	5.39770427	4.46395737	4.78853553	4.09192476	4.33990557	3.25532741
0.00510647	0.00471193	0.00464605	0.00483441	0.00470884	0.00418563	0.00334851	0.00127662
4.44718572	4.36933884	3.93109979	4.27505148	3.89835322	4.21639039	3.50388463	3.11837253
1.0139E-08	1.225E-08	1.5189E-08	1.7858E-08	1.9787E-08	2.1468E-08	2.495E-08	2.5922E-08
0.19969529	0.20547457	0.21140912	0.25307391	0.16220621	0.14092141	0.12927109	0.13280124
12.063572	14.1085573	15.7829385	17.8146323	21.4314625	12.6557267	16.3975628	16.3833944
0.00060689	0.00064899	0.00066511	0.00119408	0.0013194	0.00133418	0.0013112	0.00155521
10.2501713	10.9186642	11.2284474	10.8213999	11.6434024	7.38030655	8.15675326	8.16714072
0.34247591	0.17208953	0.16547528	0.12892917	0.10906567	0.11891045	0.09352692	0.11939138
4.6652E-10	3.4764E-09	4.0596E-09	2.5797E-09	3.0937E-09	2.4138E-09	2.7983E-09	2.5109E-09
6.30780529	7.26131331	9.89563605	8.79323242	8.9719475	8.30983166	9.4776229	9.907592
0.69240904	0.77775746	0.88497807	0.9067688	1.09251307	1.12671329	1.41052037	1.49297547
9.79238589	9.18778783	9.98160106	9.12323852	11.3570341	12.9956652	12.8943253	12.6225787
17.3584009	19.4614574	19.3601425	19.2336183	17.6715406	16.4126984	18.2195408	19.599821
0.01314134	0.004462	0.00433909	0.0044271	0.00431167	0.0041696	0.00417294	0.0049575
38.6661194	39.5002505	28.9020205	29.8958847	27.9050099	24.6129625	28.1461053	27.503349
0.43570898	0.4356394	0.40787874	0.41670371	0.39497278	0.39630675	0.37910656	0.28327453
311.02089	297.401871	306.401468	307.235592	304.696557	288.810974	296.13951	279.795689
12.3926821	12.1889692	12.7279797	11.5796732	12.5659263	10.2277082	11.4884009	11.4569255



2.3142E-08	2.3925E-08	2.5829E-08	2.6446E-08	2.7294E-08	4.0645E-08	3.2893E-08	3.1659E-08
43.5275547	43.2547077	46.0511111	47.3079865	52.6800825	51.416723	46.9340073	44.4750471
1.2838E-08	1.3552E-08	1.5926E-08	1.6536E-08	1.8466E-08	2.0802E-08	2.3986E-08	2.5513E-08
1.49299718	1.50632983	1.41704297	1.49286786	1.37312647	1.49550457	1.4220585	1.4434038
3.6318E-10	2.5479E-09	2.4367E-09	2.9517E-09	3.2106E-09	2.6562E-09	3.4265E-09	3.7537E-09
8.7878E-10	6.2486E-09	6.6698E-09	5.38E-09	6.1075E-09	4.5803E-09	5.8331E-09	5.6009E-09
2.78971944	3.48784928	4.43920135	4.78600743	4.07470949	5.00538525	4.72224866	4.29812252
79.9200345	88.2243013	88.241596	95.289344	95.0513181	71.8825955	86.8898477	79.135475
0.04677815	0.04125835	0.04119903	0.02494505	0.02770667	0.03324788	0.03601847	0.03324787
0.23801355	0.53775824	0.51924648	0.37591227	0.19640909	0.21095874	0.24660934	0.21004037
0.01696869	0.01539031	0.01459879	0.01403884	0.01103211	0.01363936	0.01475605	0.01014213
0.16758495	0.24424511	0.26786521	0.63505395	1.01981558	1.46169717	1.79880114	3.51246709
2.10248429	1.71574083	1.95631781	2.26699903	2.09291436	2.18465392	2.33776485	2.42043654
0.00155664	0.00117101	0.00113333	0.00118471	0.00114424	0.00113077	0.00110345	0.00110345
0.5509841	0.45089217	0.67967022	0.63922686	0.50070259	0.77578235	1.03935164	1.11152979
0.50717136	0.51028264	0.51961714	0.53206293	0.54450904	0.54139743	0.54139743	0.54450904
33.8927559	34.9426063	34.0928712	42.4555329	51.8654891	59.9417957	63.1460842	66.2927468
20.0149289	20.4278235	22.1228731	21.0848262	20.6704533	17.5482848	19.0420976	20.7031317
1.09724865	1.35883745	1.43684445	1.17035818	1.3443973	0.96173353	0.51585641	0.59709464
0.00805459	0.00686657	0.00673727	0.00656736	0.0056008	0.00736421	0.00853431	0.0074076
45.2757191	43.7986271	42.6592545	43.2860507	44.7938628	41.1766448	36.9721223	39.5255021
11.7129193	11.0461611	11.2679415	10.9660407	11.2298156	10.6034958	11.1010562	11.2212576
1.8933675	1.68807551	1.62059297	2.2763454	2.64783495	1.74591381	1.43944548	1.72675079
0.0220994	0.01954585	0.02716481	0.04783119	0.0272576	0.02779212	0.04875357	0.06504106
22.1137317	20.697271	19.9315225	18.4554246	18.60299	16.666286	19.1904165	17.7073497
0.14681602	0.13700249	0.13418194	0.13418194	0.12173583	0.14973901	0.14643358	0.1651029
0.11220538	0.1283676	0.14111441	0.21476916	0.22950252	0.2219795	0.27902122	0.34039875
4.11789433	4.701497	5.30403312	5.99676981	7.02208672	8.16735827	9.18563508	9.2336405
7.98342626	7.81871841	7.93358506	8.40774725	6.1099878	3.49623158	3.70893026	3.61140198
0.13702986	0.17085814	0.19327551	0.20842242	0.23912094	0.29496259	0.72402657	0.78703815
0.04232986	0.03425665	0.03762229	0.04020701	0.03301073	0.03124666	0.03923738	0.02982481
0.80927689	1.067902	1.13316721	1.21136276	1.27637504	1.36884193	1.60865217	1.78839483
3.90850497	4.02671014	3.99043514	4.26578074	4.53556919	4.24335902	4.66515646	4.75866804
0.0065411	0.005931	0.00591763	0.00508176	0.00387871	0.00536313	0.00701327	0.00514351
0.00838978	0.00741945	0.00796811	0.00849415	0.0067691	0.00676264	0.00946679	0.0053461
1.28057282	1.28022104	1.40104761	1.82182172	1.72294485	1.75258491	1.79672761	1.99346536
85.2595262	83.9331461	84.1610364	93.2142905	93.3292719	83.77995	98.0639442	106.700391
0.0218445	0.01860759	0.01770684	0.01599244	0.01566602	0.01850292	0.02138657	0.01944421
0.11859703	0.11859703	1.89986808	1.84680316	1.92558755	0.96803279	0.43406621	0.47102798
0.11531612	0.13420352	0.13781639	0.15655349	0.1503766	0.152002	0.1485162	0.1726072
0.64486689	0.92031646	0.97207519	1.20875286	1.15114694	0.98511504	0.5448367	0.57569716
0.02707809	0.02861606	0.03307574	0.03495718	0.02591931	0.02563486	0.03086378	0.0357081
83.426982	69.1559933	66.6402468	67.4094521	64.9015206	57.4310774	61.776126	66.037259
5.75472504	5.71943848	6.10114203	5.98069911	6.00492243	5.47613639	5.69110943	5.33572932
10.643002	10.611461	12.1094165	12.0072408	12.0806064	11.2885518	13.7207916	13.9661351
1497.94486	1935.74568	2083.31092	2274.39577	2409.71995	2601.24224	2844.07335	3004.76927
0.53987975	0.37776196	0.53285067	0.41492105	0.56442931	1.0567441	0.97097267	0.91308853
0.1960232	0.18046581	0.22914891	0.28578383	0.30767716	0.38341263	0.36155621	0.37403947
0.11201335	0.13068203	0.14001652	0.14001652	0.13690524	0.13068203	0.13690524	0.13690524
0.02178028	0.02178028	0.03422639	0.02800317	0.06534117	0.05600668	0.03111478	0.04356057
0.0081906	0.01300441	0.01348553	0.01235975	0.01140323	0.0084668	0.01037456	0.0112256

13.8599289	14.6179102	11.6198317	11.9875774	13.5865657	11.9562812	11.9130278	15.1022256
0.01522731	0.01580794	0.02053801	0.01429222	0.0143025	0.01813768	0.02518965	0.02406952
0.04261202	0.07137547	0.08454621	0.10124662	0.09860732	0.0978105	0.12223073	0.15056914
0.92659003	0.97029346	0.99479639	1.2107429	1.16347464	1.03232805	1.0246493	1.12194475
4.96339362	6.31245332	7.7273138	8.14352851	7.1065644	6.81658158	7.59502869	6.76141671
0.00677299	0.00585708	0.00564587	0.0062861	0.00540378	0.00628434	0.00756537	0.00696677
1.40221887	1.0109753	0.88655731	0.90781736	0.89403338	0.77347864	0.67732738	0.5697802
20.7536177	20.1756207	19.76466	18.1131475	17.2484809	16.6851802	13.3167505	12.7949689
97.0650889	94.7714702	96.6596645	96.0489116	99.8682721	86.8686043	98.3511702	97.1816475
0.08665861	0.0886087	0.09253534	0.10133564	0.1096201	0.10052334	0.13222432	0.10815416
0.00196374	0.00162114	0.00153707	0.00180197	0.0013477	0.00169059	0.00213144	0.0018094
5.35064063	5.15700756	5.32106423	5.13881396	4.64251024	3.80375787	3.99771211	3.97963624
1.62386759	1.82918198	2.45460408	2.3180595	2.41327779	2.45250113	2.84041759	2.39902882
8.09138725	8.20845075	8.70242181	9.71987523	10.0815427	9.84900235	10.6854051	10.8035471
2.74067866	2.88128026	2.72190163	2.03844333	2.33467838	2.70290614	2.82878956	2.88594404
23.7162749	33.1049369	34.2758824	39.2255673	36.369711	31.5316988	31.7686257	31.786155
0.03743491	0.0312117	0.02498881	0.02187752	0.01876591	0.02498881	0.01876591	0.01915422
0.02598296	0.02794964	0.03084861	0.03341904	0.03044876	0.03321317	0.03768464	0.04089799
54.3937369	55.1661861	43.6660555	47.9435189	44.6540196	37.4012418	39.3719993	38.4736647
0.96463208	1.02077883	1.01536275	1.29757124	1.16569149	0.73922563	0.7772849	0.83973034
1.11309241	1.14897413	1.22850811	1.33910493	1.38748908	1.3676917	1.73742796	2.47264195
10.2400931	9.74129047	9.75585207	9.40691821	8.97275447	7.48284981	9.03518811	8.3893427
0.31783504	0.26577477	0.28685684	0.28312535	0.18878456	0.12993872	0.2036064	0.14070373
0.00053045	0.00044567	0.00048854	0.00045564	0.00037983	0.00047707	0.00052359	0.00044274
53.0818945	55.1295957	54.8351999	54.027151	52.5361194	41.24828	45.1046573	50.2479157
0.34354838	0.54363395	0.6294863	0.52137862	0.67869968	0.77463914	0.91604525	1.0346542
58.1358422	55.0881885	54.3582519	53.4076998	52.2005501	43.1766084	44.9870785	40.2179323
0.26168864	0.2951034	0.43072757	0.48539676	0.62918286	0.63600309	0.57945271	1.03223417
0.90134813	0.93933558	1.0212122	1.03722495	1.13377199	1.31407589	1.26174801	1.43320964
0.18185263	0.20360701	0.23498067	0.25934194	0.25786717	0.28461471	0.39153561	0.4320205
0.02813492	0.0234924	0.02302775	0.02234051	0.01738686	0.02152341	0.02758063	0.03045261
0.03544138	0.03859151	0.04661812	0.0518892	0.05270536	0.05954209	0.07133842	0.07950043
0.0292246	0.03202336	0.03661713	0.04112641	0.03920457	0.04225818	0.05061096	0.0543963
2.24687997	2.26602558	2.20740156	2.63943968	1.93662381	1.10651768	1.19982823	1.16640394
8.79294442	8.70401444	9.03207148	10.2107583	8.53392781	6.44854467	6.66817977	5.76703755
0.00321379	0.00283931	0.00279145	0.00276461	0.00239385	0.00293275	0.00363669	0.00320922
0.05086224	0.05722002	0.05404113	0.05722002	0.06039891	0.04132557	0.16206405	0.19382328
0.94183914	1.45735816	1.572612	1.89332316	1.48130596	1.26821697	1.34273056	1.68152769
0.00866519	0.00709162	0.00594628	0.00624641	0.00524726	0.00837633	0.00907814	0.01000023
0.19332187	0.12659611	0.09176436	0.19647503	0.19011218	0.12034663	0.12976027	0.15505339
1.85894924	1.80646419	1.83246372	2.24834176	2.55529908	2.09979257	1.8952635	1.81097308
1.73349271	1.69970116	1.97947413	1.88347762	1.84427622	1.73745519	1.81160646	2.53787149
3.41752034	3.51901339	3.65843878	3.65962448	3.68754333	2.9978538	2.83738684	2.62919146
0.36207865	0.38132978	0.38774682	0.50908881	0.50908881	0.45843151	0.52921314	0.55400811
5.81135795	5.92918093	5.76668319	5.67379179	5.55597968	4.0868103	4.35989236	5.72380025
80.2598663	81.3004745	104.640828	111.197127	91.5690034	100.24758	126.173351	136.208296
208.255612	232.618952	260.307189	295.258493	308.178908	355.090933	397.490359	442.459207
5.01359425	5.20245516	5.19033393	4.77410441	4.59924123	3.49060287	3.58474259	3.1846875
51.8076165	58.0022644	61.5289431	74.7619727	79.5547927	78.5102062	84.2597633	84.6454123
7.45660105	7.00064452	6.74256115	8.05052357	6.72278543	7.09379783	7.54514994	8.37322815
0.83763114	0.79806008	0.7281636	0.70238665	0.61452234	0.51188401	0.4938927	0.47133853

0.88042229	0.82344517	0.89286807	0.97677515	1.69295651	2.02242152	3.01919795	0.85431023
68.282168	66.4677924	61.7613384	60.540922	56.9598341	43.2245977	45.7961423	45.0333713
3.14606822	3.243648	5.1577128	5.11720658	3.99816409	1.93462188	1.6327319	1.97295294
2.60134952	2.95000353	2.99656248	2.96378801	2.61045709	2.65946322	2.30420819	2.07525641
232.486483	234.358025	235.032771	231.909585	211.884802	200.0349	211.89302	218.444084
33.5542601	38.4177236	27.3822838	39.0293604	67.5569782	52.6912819	57.4677787	69.2430316
1.71728963	1.89188671	2.32196373	2.17831738	2.25686409	2.12485112	2.48553167	2.9019555
1.58988138	0.74187401	0.7277551	0.96548593	1.04573654	0.43255959	0.64959637	0.56817861
0.10318765	0.12582912	0.13550858	0.14523033	0.14851321	0.16770136	0.6529709	0.66508165
0.00763346	0.00985278	0.01059939	0.01056273	0.010593	0.00745416	0.00763998	0.00683276
0.00316989	0.00242557	0.00238271	0.00234467	0.00195302	0.00250377	0.00302655	0.00271929
80.6835321	74.0800105	79.0932331	73.3928952	77.5708888	69.2410796	78.453959	80.1330658
7.99449078	11.5215786	10.5987182	7.44456364	9.18785496	9.80232917	10.492454	11.9405077
0.14256868	0.14856428	0.41389988	0.40164254	0.54281114	0.64064219	0.89115626	1.02887465
1.83354415	1.81176355	0.78186375	0.52361098	0.94988378	1.13034959	0.81620054	1.15235059
0.05713264	0.0722041	0.08294833	0.08134813	0.07030304	0.06756101	0.12386104	0.14651247
3.73939706	3.82849454	2.73551166	2.76297589	3.64890734	4.22163191	3.49100443	2.50320543
0.00531362	0.00458973	0.00439071	0.00422997	0.00362188	0.00444913	0.00557371	0.0049202
0.84235627	1.19122944	1.16718588	1.13751631	1.08446544	1.02559628	1.02389428	1.00841818
0.04417085	0.0475176	0.05255992	0.07193888	0.05882359	0.07025428	0.08454097	0.09334987
1.21517645	1.49333406	1.6080499	1.61122448	1.45951422	1.1684888	1.26533796	1.36055226
1.28983969	1.27071093	1.35809512	1.2681564	1.21165114	1.03285739	1.11199737	1.08671731
1.1121635	1.12187596	1.17099158	1.19414225	1.09569774	0.87220286	1.14196423	1.03529824
0.33697188	0.32922266	0.32761685	0.33258752	0.24696228	0.21800914	0.27985928	0.25218907
6.38477419	6.65715407	6.75703545	6.77922131	7.62216794	7.21021132	7.63905065	8.61346041
0.64915399	1.00683715	0.74150787	0.85970718	0.69442394	0.58829196	0.95432664	1.04210638
0.27395978	0.32970035	0.27873424	0.27227628	0.29572129	0.28251539	0.32250359	0.31938002
0.12162412	0.10945244	0.13400186	0.15053341	0.14758841	0.12651062	0.1319527	0.13736227
56.299489	58.713483	66.1696895	62.130384	64.3488585	52.1086941	62.1698797	67.9338497
0.91566472	1.34319939	1.41768831	1.62666501	1.5190854	0.96908319	1.24447246	1.44724006
0.09645961	0.10703088	0.14076541	0.17800029	0.20737121	0.27219866	0.31760865	0.36713293
	0.0277609	0.0306635	0.0368555	0.0368555	0.0245575	0.0307538	0.0152738
1.8846133	2.02325654	1.95370797	1.90171048	1.96308428	2.01404923	2.31947192	2.41801019
0.69656086	0.74522966	2.18635446	1.58660499	1.62430838	1.40957207	1.62221568	1.99371079
0.3025782	0.25696497	0.29317401	0.36020259	0.39305027	0.463688	0.46115867	0.58247241
0.14856204	0.16536775	0.17950968	0.21562075	0.26006789	0.26566864	0.30175305	0.34723855
0.03055548	0.0251715	0.02374143	0.02290973	0.01920127	0.02404968	0.02875936	0.0299873
0.361071	0.34586345	0.40652582	0.40456184	0.43615549	0.36245005	0.35431174	0.33592546
1.58863346	1.61673473	1.65671882	1.68390092	1.71289178	1.72832816	1.83747946	2.59340396
33.3037389	35.1222187	37.911418	43.4262116	43.1971931	29.6172968	30.4428299	28.5244264
0.21802952	0.19446721	0.20456555	0.2146639	0.21802952	0.21802952	0.23149498	0.2448428
0.67933019	0.70758829	0.73283221	0.78142484	0.73782835	0.75378375	1.15886884	1.36101073
0.06990831	0.06028272	0.07301979	0.09217392	0.10821657	0.1596501	0.21098658	0.20456952
6.65117449	5.89547908	5.68949119	6.39839327	8.08340619	5.09938739	5.23013189	10.5370131
0.77434102	0.69713708	0.7128638	0.71311839	0.68720063	0.47794122	0.51531966	0.52151882
23.300529	23.0248795	23.8127547	23.9732169	22.0270689	20.9642767	22.1709962	21.3055381
6.87397691	6.13413274	6.09961999	5.99569111	6.1085781	5.11585564	6.45426674	6.54139443
0.66229905	1.02351874	0.62005919	0.81068054	0.75319506	0.7580365	1.22577893	1.44585376
5.83279764	5.02048468	5.07890985	5.4701543	5.52128712	5.11289292	5.41699669	5.09524716
4.54055082	4.67789055	10.8287543	12.2519835	8.86321032	8.29821957	8.14200057	9.53350548
34.5943619	36.9618667	40.207324	44.5078814	39.3427713	39.7923157	38.1317901	37.7832758

0.78069409	1.85677887	1.65030105	1.61927606	1.20920107	1.67792873	1.76973237	2.01881157
7.90145054	8.07089564	7.52293545	9.07159483	8.70037463	8.56019888	7.56722091	8.1120451
9.20146082	9.66183742	9.83153037	11.4629819	12.0376509	10.3246275	12.0033197	11.7028778
0.23632247	0.26738966	0.25048214	0.15727321	0.12477759	0.10640665	0.11173859	0.08494101
0.8834333	0.92534697	0.92607484	0.9817905	0.79332876	0.74559076	0.55178642	0.58142399
37.975162	33.4765791	33.3775596	35.6515018	31.5035344	27.4544993	29.0168075	29.9367329
0.12728349	0.09497431	0.0981988	0.10120018	0.86102418	0.61134542	0.67643297	0.42556804
45.1096573	47.5338889	48.6918081	39.8086781	44.4020647	40.4298332	39.1484537	27.3102288
8.04098427	7.74175637	7.47826242	7.92660328	7.07173524	6.47345085	6.60149603	6.32466855
0.19689941	0.22830373	0.17403169	0.10416426	0.10098854	0.1393812	0.14890914	0.13908665
0.14541897	0.1505778	0.14186453	0.16263131	0.14975749	0.12006099	0.12393055	0.11489124
8.08589006	7.53700895	8.00406256	10.2790153	10.4315113	9.35222272	10.3922259	8.63357138
0.2531994	0.2600805	0.27070917	0.27204634	0.29844973	0.32268104	0.4128517	0.40074978
20.6708589	20.9893369	19.7500115	18.9809312	18.5165053	12.5797185	12.8034469	13.3638058
153.212061	154.87635	152.63394	170.987747	172.37742	166.226983	178.425462	184.006489
0.05970693	0.06290509	0.06614582	0.05646619	0.05646619	0.05966435	0.08882944	0.08601337
65.821117	66.8504777	72.4805942	79.7148244	88.8177579	91.0213822	110.844463	110.132606
10.0505765	7.68508027	8.50121013	9.24470934	8.59722138	4.91508967	5.59543011	6.41741818
0.61433141	1.00390712	1.5696798	1.82177979	1.61967276	2.68375579	3.58704619	2.07228948
0.91782708	0.78377619	0.5941135	0.84870517	0.87440233	0.93452906	0.90800956	1.23005372
4.80726	5.18620626	5.42833692	5.72950998	5.9486805	8.57730614	9.7566371	10.2998137
5.8044E-05	5.1821E-05	5.6419E-05	7.1787E-05	7.3218E-05	7.6314E-05	7.5794E-05	7.874E-05
0.04713859	0.04777966	0.04800383	0.05548658	0.05066829	0.04211312	0.04486049	0.04473595
0.05763325	0.05689969	0.07761653	0.07634283	0.07317187	0.07678829	0.09569898	0.12858901
1.32873872	1.28233939	1.32528679	1.54188076	1.233246	0.79078543	0.89013097	1.03742016
0.07879081	0.08593169	0.09667404	0.10339858	0.10028053	0.10353867	0.12416343	0.13138129
0.00106369	0.00092731	0.00088112	0.0008516	0.0007099	0.00089164	0.00110783	0.00097062
0.00902378	0.01047061	0.01215593	0.01319366	0.01419656	0.01580418	0.02011528	0.02193811
0.06385893	0.07027599	0.07027599	0.06706746	0.0701721	0.06375504	0.07338063	0.06054651
8.2709228	8.37957006	8.36301278	8.22997604	7.97663298	6.40373197	6.77079826	6.71340279
2.21293843	2.36304292	2.5447383	2.27474318	2.20200855	1.87446695	1.84941002	1.69034297
12.2826122	10.7649215	9.82376095	9.84978687	9.3687881	6.89077911	8.93918822	8.61373994
0.2311722	0.2186359	0.21552462	0.2204062	0.22849591	0.18678245	0.11959333	0.09274603
0.11640683	0.11349907	0.13449407	0.11738083	0.1253262	0.14102462	0.14955223	0.13506347
4.49994246	6.31436208	6.88490001	7.53087837	7.58730495	6.02589873	7.34722269	6.56477907
0.00136095	0.0013452	0.00146994	0.0016094	0.00142857	0.00180988	0.00224759	0.00195598
0.02456735	0.02858303	0.03239232	0.03801124	0.03913628	0.0443872	0.05753482	0.08869061
0.1713255	0.0935385	0.07486962	0.03753186	0.06553518	0.14954514	0.23044362	0.2024403
43.242657	45.6407453	48.3983157	41.1829929	45.5359268	44.6975733	49.9365656	44.1445711
0.80718363	0.77941413	0.82374435	0.802791	1.04731407	1.47971043	1.52353575	1.80385623
0.02825493	0.02811164	0.02781076	0.03128651	0.03085911	0.0278076	0.02991657	0.02994463
0.01842439	0.01940348	0.02134668	0.01960043	0.01911445	0.01683207	0.01581963	0.01442133
2.63996941	3.09259763	2.72363229	3.58198586	3.0394129	2.57289586	3.3683899	3.27777698
4.62805169	4.5720229	5.00619845	5.01846544	5.0322253	4.42349092	4.61998396	4.23601046
58.6114101	54.9579655	63.0871414	62.9213771	37.5312594	41.6151729	48.6829664	52.0816912
45.0501096	44.3789601	45.787248	44.8028788	40.3802121	37.7693055	42.7273168	43.4283432
0.54360543	0.69163992	0.87831477	0.63303732	0.4811328	0.42675432	0.690795	1.04045484
0.34904126	0.49351676	0.50010095	0.63769403	0.55641974	0.5638568	0.60533619	0.62470436
96.3672521	75.2304077	81.818953	83.9084907	75.5786718	56.2051994	61.321778	65.1462831
0.61412364	0.62599501	0.58905174	0.6456226	0.69707392	0.64946216	0.57850542	0.65401511

511.673774	477.325303	495.815665	486.010586	474.76706	407.538224	466.3256	435.692872
16.9392378	16.1810559	16.8677687	16.3690289	17.0139358	15.1010962	17.3569437	17.5611832
0.0031063	0.00262717	0.00249952	0.00238338	0.00197055	0.00342666	0.00296313	0.00238888
32.5695973	32.174068	29.4404773	14.5818706	19.7825634	21.1226048	36.3378648	34.1921849
0.00172321	0.00148813	0.00154119	0.00149023	0.00133323	0.00175378	0.00216072	0.0019251
22.7897394	24.0619718	24.1480972	26.8593818	35.3529794	38.9490818	41.5718021	43.3219917
0.01434306	0.01422081	0.01281309	0.02242674	0.01983678	0.01852211	0.01937086	0.02155978
0.03470588	0.03487622	0.03507186	0.04087702	0.03773577	0.03193962	0.0329757	0.03216934
2.51688738	2.6874306	2.62606857	2.88858573	3.21361347	3.08754	3.03097626	2.61672189
49.0921957	52.9782639	49.1389402	42.7453098	43.8824007	61.0956027	51.4634426	44.5363834
0.73226504	0.83021474	0.68254997	0.66107604	0.73692816	0.7652127	0.72675392	0.9749422
1.52205218	1.59140654	2.07150511	2.26796841	1.37993179	0.61777533	1.21343958	1.45923691
0.19241701	0.21276156	0.2359029	0.25888822	0.25629084	0.27251066	0.25405816	0.15625325
0.29700834	0.42738124	0.47430736	0.63992627	1.15668498	1.67681332	2.03585795	2.55460424
0.66272188	0.59718655	0.64191202	1.00818132	1.25339416	2.2292958	2.36571029	2.22618419
0.00075282	0.00074482	0.00073668	0.00076033	0.00077691	0.0007782	0.00078968	0.00091045
0.16799054	0.14310318	0.14310318	0.09021718		0.00622192	0.0155548	0.03110927
0.8183192	0.84321109	0.82143081	0.84632237	0.84009948	0.88054877	0.89921777	0.89921777
48.1302091	51.4816742	55.0481162	55.1218153	66.3520592	57.4896672	58.7462681	60.0344057
34.3658438	36.7120521	39.653186	39.048009	43.0334877	40.2007354	42.8410528	48.20829
0.76669055	0.9494646	0.90341765	1.08154626	1.04039701	0.64531258	0.63274066	0.94542514
0.09133524	0.09492606	0.10886811	0.12110764	0.13011422	0.14713481	0.14693704	0.1141241
196.831146	200.353456	203.869949	210.245242	210.251369	220.719117	219.124515	210.787345
17.9690935	18.3803891	17.3923026	16.344963	15.7198949	14.3366374	16.927238	16.6478997
13.306623	13.9468751	14.3623299	12.4787847	11.6898404	9.45768421	8.35884182	9.62472138
0.05178244	0.04265744	0.05334533	0.08117876	0.04478493	0.04615402	0.06674052	0.08472244
25.2268544	25.8129624	25.3637001	25.0971993	23.660688	22.1134823	23.1305655	20.301703
0.0605736	0.07671345	0.10860482	0.147204	0.15712096	0.09304743	0.08663039	0.08663008
0.26291514	0.28015323	0.27711566	0.3645047	0.37707859	0.36863845	0.3819622	0.4434032
13.3330611	14.5442535	16.784161	18.1000724	19.5050837	21.690549	24.1691839	26.28732
26.7988347	26.7901256	26.9658694	30.3835851	30.6105632	27.8329167	29.7606661	34.3845073
12.6748075	14.9740213	16.6966404	16.4366443	17.5692197	17.7948974	17.9790346	18.3619507
0.48000086	0.47357707	0.60794151	0.74145132	0.76688417	0.62429965	0.67555867	0.45949156
10.1432365	10.3697861	11.6921872	12.241987	13.2787141	13.6213462	13.3931038	15.9769501
33.7034069	33.1033079	33.5877736	31.5889424	32.6948008	31.3117122	33.0565085	30.2670927
0.07417297	0.08199245	0.09562345	0.09371202	0.09010771	0.10715392	0.12074893	0.07924281
0.09513618	0.10256935	0.12875735	0.15663925	0.15725551	0.13511558	0.1629918	0.08236386
1.34239329	1.62140612	1.74189467	1.9335414	2.19648861	2.42314297	2.92791056	3.18110826
33.9735046	34.7220703	34.7706082	32.9480739	42.6487514	30.5434153	45.8372849	37.0345344
0.30390426	0.30668175	0.33665792	0.32892487	0.3954955	0.39966714	0.39909964	0.3311171
2.69206788	2.62607755	2.78272532	2.52280275	2.72122824	2.8640416	2.78330813	2.68422382
0.12183212	0.13312097	0.1427091	0.12688388	0.10010642	0.09462023	0.11750128	0.1134122
1.61247929	1.67819779	1.27638824	1.07548306	1.05363437	0.93978843	0.56699822	1.07176617
0.0634483	0.06245253	0.06495301	0.05932907	0.0425861	0.04257147	0.04225054	0.04651335
129.966426	125.588124	123.758986	133.441674	122.3375	108.753686	111.404294	107.792957
2.98654093	3.04797181	3.02977246	2.86317295	2.86134625	2.64119552	2.8191557	2.70552514
16.5931074	16.7820734	16.98521	22.414171	24.1961585	22.865144	25.0959054	29.4147877
2203.91966	2373.23915	2686.18724	2930.61442	2961.79004	3143.74159	3477.50686	3954.7109
1.9743002	2.61254432	2.19106647	2.31540046	2.61713528	2.30758103	2.76327287	2.67799458
0.11511878	0.16373798	0.42664354	0.85821201	0.92137785	1.14564097	1.23385174	0.95426126
0.00641705	0.00641705	0.0294909	0.05256499	0.05898203	0.05256499	0.05256499	0.05256499

0.03867526	0.0449867	0.0467537	0.04160373	0.04983367	0.13266841	0.2108094	0.29913519
0.0202959	0.03168297	0.03063863	0.02509371	0.02307705	0.01908249	0.02032783	0.02119342
6.02510424	6.86125218	7.09556938	7.31476311	6.26663442	10.4327281	11.9586077	7.52357077
0.03568002	0.03449972	0.04033184	0.02425666	0.02349938	0.030121	0.03448302	0.03135295
0.09984677	0.15577194	0.16602897	0.17183504	0.16201439	0.16243262	0.16732605	0.19613127
0.06397627	0.23334917	0.48497906	0.65406088	0.60748563	0.37374815	0.53952423	0.63346242
12.9393876	12.7676757	12.75755	13.3374602	13.6498015	13.5599744	13.9013713	14.3770006
0.07680257	0.08097052	0.09123206	0.11592102	0.12553705	0.12555945	0.1302547	0.10733252
3.31216928	3.52199248	3.59963489	3.78408668	3.95656506	4.00428727	3.84612994	3.71031131
66.4421683	66.214505	66.1887743	69.998822	65.5511332	62.4027526	64.3753	62.5784923
354.937122	350.590029	354.652775	367.874994	346.877841	320.115494	338.044031	330.917181
0.20305499	0.19338225	0.18171775	0.17198613	0.18010866	0.16693779	0.18100664	0.14088153
0.02226793	0.02241124	0.02483756	0.03322982	0.03130887	0.03377762	0.03669746	0.02787633
24.5194308	21.2247967	28.8977207	24.2029672	22.1630935	22.1443625	22.1570347	17.9502526
7.67694409	8.38104523	8.74153435	8.91090488	9.24086567	8.27010691	8.7738612	9.34141404
19.8419636	20.6559255	22.0065893	22.3313461	24.1226254	24.673204	25.0932267	28.1287194
3.47773571	4.52578277	5.62541189	5.86099128	5.06743346	6.75039305	8.07677528	6.81190695
49.9927839	52.0151207	54.5845432	55.3085528	60.996478	65.2838206	62.6418819	66.7257185
0.30540431	0.27438677	0.24900966	0.26466396	0.22946747	0.24833029	0.26729035	0.22032711
0.04999908	0.04873026	0.05236355	0.04916806	0.05026555	0.0504201	0.0489394	0.04863855
107.587362	116.412343	110.462489	118.438486	102.689858	87.4253591	71.5300121	86.3819999
12.6072355	12.3757325	11.618592	14.6040168	12.6041613	10.2531189	14.4303675	14.1201871
0.01604261	0.00962557	0.00962557	0.16711331	0.45240277	0.49090503	0.05508462	0.04830774
34.7533456	23.2080945	34.6263576	32.2801026	25.6844441	25.9901198	31.8488462	25.589477
0.78753616	0.64750634	0.65171726	0.57482254	0.38203405	0.29282715	0.39893563	0.26562809
0.00601507	0.00616105	0.00789431	0.00840248	0.00882396	0.00953164	0.00901474	0.00682094
49.1284212	58.563172	53.9574078	55.0273103	50.3950911	51.3391318	53.9970139	46.1222679
0.50564738	0.60056968	0.57979839	0.74252817	0.64877253	0.64985466	0.76173257	0.86107205
201.99069	203.745884	212.037118	208.486479	197.679228	172.747214	177.638346	166.612657
0.83309189	0.88261796	1.15752913	1.45138098	0.79453155	1.17229477	0.8202154	1.04051042
0.5092435	1.00599004	2.3462685	2.53372025	1.80890752	1.70074075	3.02193215	2.4514076
0.10216813	0.10835991	0.11455202	0.11764808	0.12693591	0.13312802	0.13312802	0.13003197
0.42610978	0.44435792	0.46144702	0.44015331	0.42368245	0.47265591	0.53598721	0.56274963
0.3190369	0.32476792	0.37210713	0.41197795	0.40392049	0.43003181	0.47486181	0.52430926
0.08304482	0.08422325	0.09154707	0.08806598	0.08659627	0.09888076	0.09765773	0.1035572
0.0684779	0.06988873	0.07190748	0.06979945	0.06441413	0.07017761	0.06928317	0.07085658
0.08750523	0.09540923	0.09724968	0.11055637	0.12249476	0.14072043	0.15990656	0.25583768
46.8172777	47.2930203	44.9240293	48.0871636	47.894417	45.1879017	42.0365241	42.6838049
0.0364429	0.03925173	0.04510725	0.05098168	0.05561236	0.05859555	0.06261371	0.04944234
0.13351338	0.13351338	0.13669227	0.13033449	0.13669227	0.11761893	0.10172448	0.09854559
3.38080932	3.32058907	3.01699805	3.20038145	2.95868843	3.50991601	2.56139626	2.54751987
0.0982592	0.09803725	0.09608639	0.11518915	0.12190093	0.16735669	0.15630028	0.17217617
0.684712	0.50099295	0.51355943	0.59610754	0.58360855	0.74822744	0.76141914	0.75164187
30.2882228	32.4399004	32.678115	34.4180207	32.7123291	33.5831876	31.3411848	34.5183423
2.2909962	1.96917269	2.71592814	2.57552331	2.60109425	2.28304415	2.28615576	2.95783862
5.08419988	5.10016516	5.05712807	5.96804742	5.37609938	4.56401548	4.2334536	4.45654678
0.16616406	0.1725811	0.17578963	0.24239261	0.24239261	0.26067331	0.52221982	0.81469898
20.2475596	18.3583896	18.1298811	19.4343767	18.5381567	15.420256	16.095928	15.3856403
86.3513818	92.9401074	99.494076	110.920267	124.739615	124.182355	119.662303	147.008834
548.321363	561.403499	596.730092	658.464363	684.65556	758.498104	785.470224	818.995322
14.6622461	15.1292653	14.6893104	14.3468676	14.2038124	12.7226917	13.1353166	11.7718995

91.1390382	97.1366465	106.742054	112.403607	125.743975	129.014809	132.564513	139.658118
30.6778453	25.0158239	21.9499614	15.2668969	25.2701165	30.6875878	38.823411	38.7934376
0.00403054	0.00397909	0.00453463	0.0084331	0.00478803	0.00468974	0.00471624	0.00442752
38.9529481	38.3862134	39.8248135	42.1551271	41.298017	38.842878	40.9056005	44.0383366
161.518793	158.676695	163.422476	162.110019	156.808747	131.889016	135.946787	135.240682
4.50362886	4.28708718	3.66292352	3.72677916	2.78230709	3.11085659	3.2267575	2.96889303
6.65804742	6.95440333	7.46205901	8.02529328	8.20588974	8.36917593	8.55208815	9.36859311
462.206833	471.114963	459.802438	509.578725	487.161867	458.793258	500.365512	560.47507
78.3438246	79.5509845	97.9343391	92.3957022	85.9627595	75.8648556	76.3659707	80.3240314
0.94430781	1.37066581	1.65176068	1.57912927	1.9486071	2.72237126	2.34968523	2.54550844
1.66360661	2.07729682	1.95437885	1.93358949	2.28879079	2.13242902	1.67558147	1.76827301
0.66274423	0.77254088	0.94663819	1.21147213	1.22622253	1.03618583	0.88992691	0.90783248
0.01891534	0.02400458	0.02408142	0.02144527	0.02143735	0.0168002	0.01496971	0.01289994
0.03594512	0.03353205	0.03850243	0.04323772	0.04537127	0.05002462	0.05210871	0.04189432
201.985067	206.846943	215.115458	223.08788	234.830475	256.542	286.106489	306.827933
30.7754724	35.2835899	37.7823655	38.4961492	40.7081424	42.2149823	43.5942599	44.1416407
7.49307232	7.35952416	8.23809647	8.0533619	9.61999889	9.97289105	11.2516834	11.6911604
0.13387091	0.15758035	0.16289111	0.13806347	0.11550971	0.11219768	0.16955785	0.19084705
17.4158491	20.6422067	22.0512251	20.6308943	21.4503828	22.088696	22.4788588	17.6927944
0.06025394	0.06345011	0.07094986	0.07800424	0.08414113	0.08889248	0.09596381	0.0758023
4.26966838	4.48616987	3.21859962	3.94270898	3.86797612	4.07628108	3.37475206	5.12829018
0.10349937	0.1037038	0.10321537	0.12209416	0.09664868	0.11667036	0.11573119	0.12159748
3.71513511	3.86367128	3.68805199	3.29945814	3.02169361	3.10891175	3.76434603	2.91726283
1.37674582	1.35325351	1.41894696	1.26856169	1.10208254	1.24229062	1.29047102	1.0874835
2.22873942	2.20632147	2.22791163	2.10218119	2.05741711	1.98286034	2.37405446	2.1831206
0.83121805	0.79902222	0.74171558	0.67199217	0.49978467	0.49134938	0.56441322	0.44186899
15.4617462	16.2309531	16.5011165	16.1982531	16.4110687	14.9798874	16.4077657	18.6020252
3.69893568	3.78372795	3.80936421	3.71133806	3.7328471	3.79262298	3.72543679	3.5265334
0.37500948	0.3622533	0.37512342	0.35576053	0.41871002	0.37689112	0.44980653	0.64851819
0.30137853	0.26666176	0.30444729	0.30562446	0.29867891	0.28512985	0.25854711	0.25933377
127.8173	134.849956	133.334138	137.689952	130.134048	136.996591	138.397853	147.230137
5.93847157	5.86926893	5.83952078	5.97295471	5.99574692	5.75586721	5.22878301	5.86966695
0.22602028	0.23358734	0.27643032	0.30210083	0.34071627	0.45203675	0.43478593	0.47822712
2.04523812	1.9734807	1.9948818	2.0286669	1.9857486	1.8645531	1.8619989	1.9075359
2.48834505	2.42668449	2.367114	2.35154448	2.09311152	1.42614633	2.01828447	2.28411915
6.64288869	7.6585652	7.49872777	7.98539396	7.90385743	8.28362001	8.87705348	9.29389312
0.03753822	0.01793361	0.015129	0.00896439	0.0060588	0.0085833	0.01085535	0.04983363
0.34810461	0.36090346	0.352515	0.36595002	0.42729828	0.44119243	0.41308063	0.45231272
0.34648492	0.34798039	0.38363952	0.42247495	0.44607159	0.48050594	0.49515626	0.51629801
1.39767666	1.57056606	1.85226483	1.99098981	2.02425894	2.02061469	2.20763118	2.1938817
0.93415039	1.36280533	1.49684694	1.76870984	1.83534186	1.75399415	1.89779825	2.42444725
49.3099265	54.7552753	57.5303441	63.5105357	68.1528355	73.8139809	95.9683178	88.2567132
0.00551284	0.04293326	0.14748498	0.16866	0.23764446	0.10855305	0.03127336	0.01961178
0.89119839	0.95991762	0.94556344	0.89102937	0.75114569	0.68400332	0.85599641	0.71940658
0.26034925	0.24753591	0.21907709	0.20435417	0.22037604	0.240014	0.32657158	0.37789625
8.1627183	7.9627779	8.5060503	8.4575799	7.7699061	7.6987152	9.9702603	10.6791399
1.58284521	1.48362964	1.65283958	1.7282121	1.63038852	1.76497243	1.70118904	1.8195017
63.2666879	60.492243	55.9562131	59.7121913	59.0619318	58.8644029	61.4599372	57.401843
0.74893513	0.70708902	0.78079331	0.95916354	0.84081479	1.99881666	2.74392659	2.46326525
0.01030504	0.01374005	0.01026556	0.00684371	0.00684371	0.01026556	0.00342185	

8.51998094	10.3716033	10.2816214	8.74290877	9.64575115	7.46597228	6.9561964	6.3592132
10.2403267	8.81914935	9.53845623	10.0045896	10.6718522	11.9437941	12.6613558	13.437071
34.28258	35.902632	40.9283718	41.6982119	41.633584	43.9914568	40.4059053	39.2521456
1.43428347	1.49865993	1.79541513	2.0716281	1.77536991	2.42625153	2.72883561	3.11659128
5.19602535	5.37976799	5.05833435	6.00554089	7.84192876	8.41119316	10.4897576	11.7518258
24.7321899	27.3025061	23.712407	25.3913544	28.1686383	28.9304535	32.0964055	33.1970747
0.70828678	0.81741578	0.74837661	0.65630991	0.57823676	0.82610343	0.72278309	0.69947697
1.90714962	1.81000057	1.67014884	1.69877432	1.482613	1.55631262	1.0926078	1.05108027
166.624049	166.299413	171.748335	166.817751	162.031879	155.813	161.166502	161.501885
21.7754513	21.9731473	12.7337209	13.7686964	10.7126246	9.63763524	9.19032677	7.81035233
11.8337916	12.1865246	12.1962129	10.2784679	11.3832021	13.6437256	12.7773018	9.70614079
21.8428922	25.3215031	22.1514986	19.7525361	19.0369151	20.0687027	15.2026634	17.2321383

0.36034099	0.36685651	0.32231099	0.33018654	0.30306854	0.27059367	0.24282856	0.21690947
8.63242677	8.94354615	10.5861878	11.0614502	11.6015417	12.314511	13.9488723	15.1292275
0.59328667	0.56760734	0.53160944	0.46171513	0.49036063	0.53587217	0.56516757	0.54860081
39.9828056	39.0090807	43.4808813	43.0961979	41.7931318	35.8059757	33.5507213	39.3251723
881.289439	887.941929	931.44338	892.348018	889.877634	827.706058	891.969722	956.29418
0.16710563	0.18318083	0.18318083	0.16710563	0.16710563	0.17515946	0.17834033	0.13173981
121.506847	131.193131	136.979647	139.447605	151.418579	165.729461	178.317418	184.424107
41.1838408	39.2571186	41.2559153	37.6617692	37.6290429	39.1274242	39.521371	42.6124207
2.12565731	2.37777227	3.01269034	2.94385557	3.34280434	2.70624246	1.08735624	1.6613123
1.5335799	1.90581084	1.85250444	1.70356486	1.78604805	2.09052742	2.09140267	1.97397006
20.5604814	18.7267155	18.7457847	19.1802169	18.9522653	18.3432912	20.6126125	21.0088368
0.00250936	0.00279485	0.00296269	0.00307253	0.00331628	0.00342095	0.00358931	0.00373141
0.11680708	0.11640679	0.10906292	0.1126531	0.10253889	0.09491461	0.08789929	0.08445945
0.13504392	0.12417957	0.1524207	0.12956851	0.12022328	0.12752131	0.13100578	0.16749996
1.44139128	1.49347061	1.79400856	1.87457036	1.6471294	1.758712	1.44110712	1.52196354
0.18461946	0.18753985	0.18984519	0.17548733	0.16476352	0.17194531	0.1699718	0.17113719
0.01206178	0.01281942	0.01423814	0.01570427	0.01649203	0.01781469	0.01907368	0.01495364
0.02114416	0.02285137	0.0238714	0.02239218	0.02332531	0.0262458	0.02753653	0.02857657
0.45437313	0.67859379	0.48257055	0.38621172	0.38358549	0.41178291	0.52418439	0.89454756
11.0755686	10.7049786	10.0444304	9.27309371	8.88986608	8.57473732	8.85265086	8.76969927
6.2345778	6.28834341	6.43041221	6.53483146	6.35896609	6.08952177	6.20016555	6.29143601
10.2175966	9.127553	9.205979	7.88302756	7.83823629	7.98092769	10.706788	8.19726536
0.20989838	0.2025766	0.20745778	0.21722055	0.22210172	0.22210173	0.0756611	0.03905104
0.27275981	0.24770371	0.26411487	0.19921792	0.2059142	0.23419773	0.20472744	0.17593359
18.479787	21.3818631	23.0194918	24.2885289	25.9376368	27.4691003	27.8033129	25.528628
0.01543255	0.01859658	0.02375284	0.02967868	0.03318755	0.03616091	0.03869722	0.03013457
0.05756523	0.06238045	0.06361093	0.06451241	0.06430192	0.07371324	0.07876149	0.11552834
0.08441113	0.06850589	0.10507707	0.08658009	0.02695204	0.03789424	0.06986176	0.01996612
68.7057844	71.4826276	71.5909921	79.2956088	78.8299389	77.0006854	82.6737327	82.3865589
0.58881438	0.58982418	0.59068251	0.30975615	0.19807227	0.08169282	0.03630231	0.03675672
10.8035978	11.6195162	12.3719686	13.4870403	14.4738673	14.3832883	16.4718576	17.2381948
0.07001432	0.0684891	0.06318503	0.06352027	0.06245046	0.06267281	0.0586183	0.0565341
0.04565472	0.04727318	0.04849887	0.0397943	0.03868247	0.03793614	0.03099687	0.02722683
4.85396196	5.39060833	5.22389294	5.81727736	5.43579072	5.59272401	5.96962149	6.19935
5.71598139	5.95934708	6.46556141	6.98666657	7.12913634	7.48045535	7.90203562	7.77118464
66.6200549	74.5153635	83.5717862	99.2585123	105.887846	101.41302	102.021374	113.263377
137.724397	143.410069	150.989913	157.042956	153.497153	144.331759	153.850135	159.333536
1.25207454	1.35364026	1.58645328	1.38493497	1.2357579	1.20376824	1.47174969	1.91719584



0.00641706	0.05775354	0.31443594	0.4491942	0.4812795	0.68983395	0.77938164	0.74729634
121.068676	129.198747	130.402723	131.927384	130.009826	113.800076	122.753136	131.460908
0.90068657	0.79676797	1.67951003	0.99705824	2.69682281	2.25500716	0.87174494	2.04811067
2461.66261	2522.86578	2445.52271	2511.0653	2445.46661	2227.47632	2345.9636	2245.85007
38.4278548	34.6600601	39.0700084	38.137753	40.533567	38.4790964	37.8869964	40.3180709
0.03522399	0.03631898	0.04039001	0.04395162	0.04577851	0.06846376	0.05101684	0.03680389
22.018174	22.0028491	23.8537564	23.7584677	24.3951441	24.9822258	27.9572571	26.3558153
0.0195404	0.02057253	0.02490421	0.02748107	0.0309727	0.03504001	0.03720163	0.02965885
20.5291515	24.2838222	26.6733405	28.9167389	30.1821505	32.3623494	41.4983643	40.2745657
0.03554139	0.03464653	0.02911088	0.04553249	0.04014427	0.04174517	0.03795511	0.04070389
0.08599945	0.08496981	0.07968198	0.08299165	0.07636697	0.07198557	0.06461233	0.06073426
3.85700592	4.05010002	4.29551286	4.93069887	5.33440899	5.5960527	6.12281502	5.29666506
214.177839	210.271915	212.829478	219.855562	247.087549	228.079545	242.749996	230.284154
0.05271528	0.05739041	0.03485023	0.02516544	0.0253548	0.02218554	0.0253548	0.03485894
5.67033332	5.99663335	3.8483217	3.35658808	2.65629952	2.71366299	4.28005382	8.88280124
0.00126496	0.00151786	0.00159987	0.00163028	0.00159113	0.00182603	0.00178241	0.00132003
0.13388295	0.13282109	0.12964362	0.13303319	0.130442	0.1404214	0.15742512	0.16392285
0.35254897	0.58997619	0.58613347	0.57641276	0.71431538	0.68416447	0.59605828	0.58194372
1.8867E-05	1.9186E-05	1.9454E-05	1.9832E-05	2.0062E-05	2.037E-05	2.0676E-05	2.095E-05
0.32973198	0.29642035	0.28414942	0.40947812	0.43626971	0.46210006	0.58382356	0.76577569
0.04598172	0.0459968	0.0466321	0.04788591	0.0491409	0.04916066	0.04917968	0.04932175
7.73315082	8.99832607	9.69795371	10.5882048	15.5221863	14.6677601	15.0988163	15.7132143
7.29761496	7.99046944	8.80478695	9.4625193	10.2266481	9.489258	10.311709	10.6007243
0.24385313	0.28800593	0.29444471	0.33375989	0.36361332	0.21835315	0.23957442	0.21992898
0.00095482	0.00106047	0.00111195	0.00113513	0.00114799	0.00130006	0.00130892	0.00133593
14.590908	14.5217634	15.7501023	15.9704864	16.2589176	15.6911818	15.6490723	15.7021649
4.95934058	5.02414216	5.1772204	5.41453482	5.36060999	4.75527528	4.82821129	4.98648484
0.86104533	0.92154099	0.93982493	0.94044726	0.99311186	0.68398928	0.6714013	0.75313541
0.01752226	0.01801886	0.01869282	0.01995914	0.02059446	0.02168954	0.02171649	0.04023742
11.263126	10.9189857	10.9565813	11.6973557	10.496281	9.59039541	10.0228498	10.0877087
0.12306663	0.12278249	0.61222008	0.61042175	0.52788896	0.48800875	0.49620245	0.53902121
0.04685137	0.04840238	0.0489275	0.04918721	0.21560191	0.2392105	0.25555925	0.25267777
5.74473881	5.96409841	5.69761331	5.85330694	7.79530513	7.84600452	7.76020909	7.96973626
4.59902092	5.16275878	5.7190254	5.74130413	5.75345649	3.95760424	4.79798469	5.09205329
1.79251306	2.31732255	2.61299548	2.52306903	2.58024594	2.75749284	2.91219034	3.04219559
0.0059218	0.00639657	0.00684478	0.0073728	0.00736101	0.00736527	0.00773236	0.00431621
0.64200437	0.68003241	0.91014063	0.96888389	1.06608882	0.94954321	1.04825341	1.10536448
4.11136188	4.39135957	4.60655694	4.78309539	4.8973025	4.85875306	5.21909641	5.31227458
0.00202036	0.00212865	0.00243379	0.00243895	0.00250545	0.00261532	0.00270499	0.00238071
0.00108078	0.00119536	0.00128591	0.00133407	0.0013126	0.00134685	0.00146971	0.00112802
0.5270183	0.58473714	0.66763348	0.72336162	0.80211649	0.92067089	0.94439759	1.00252839
38.1963384	39.272345	41.1300581	43.1737137	44.7153252	42.6193657	48.4991095	50.0739367
0.12635502	0.13248729	0.1352521	0.11440967	0.1136579	0.09847981	0.08922744	0.08892055
0.12618781	0.13527943	0.12513219	0.10680314	0.12021312	0.10735914	0.1229231	0.12899316
0.16117241	0.15544428	0.16223029	0.16711567	0.1959966	0.40368213	0.43058072	0.57054627
0.0746282	0.10300567	0.11677878	0.1081171	0.10811913	0.15690995	0.17088876	0.18737334
0.00993521	0.01000226	0.01022696	0.010482	0.01039953	0.0105718	0.01122647	0.01150071
31.0561206	31.3401282	31.8751376	32.2289722	31.6978546	25.977858	27.1776671	27.9168117
2.81752925	2.95953016	2.90742841	2.91084749	2.84488768	2.76401185	3.01886693	2.92759375
3.70922997	3.53063242	3.62730871	3.69434526	3.59997576	3.1598276	3.02898986	3.03957245
633.09334	712.640771	819.17455	910.8812	940.777334	1019.24215	1108.67	1210.01394

0.45708121	0.46264802	0.490112	0.50657104	0.39814307	0.30446792	0.88860064	0.8591735
0.62943865	0.62412239	0.60757849	0.60934608	0.6142991	0.60208879	0.59134005	0.6394553
0.30503653	0.35868079	0.3563134	0.35529987	0.31327876	0.32475064	0.34429703	0.32949743
0.00833683	0.05025946	0.04867076	0.04721907	0.04887681	0.04860894	0.03906204	0.03492952
0.00010761	0.00018313	0.00021607	0.00020399	0.00022157	0.00020871	0.00022907	0.00024485
4.73281523	5.60389143	4.37898734	4.88478749	4.56005498	4.09666477	4.18101417	4.52014379
0.00166728	0.00166437	0.00174694	0.0017003	0.00169231	0.00179087	0.00190527	0.00196867
0.001857	0.00219119	0.00230412	0.00260216	0.002277	0.00239418	0.00267398	0.00328183
0.75816908	0.80000702	0.79364116	0.91145877	0.83171043	0.84039954	0.54466554	0.60301113
0.82151232	0.82683299	0.95517605	1.00176612	0.93994577	0.86254383	0.88898801	0.96775393
0.00054936	0.00064265	0.00068296	0.00074408	0.00075956	0.00085237	0.00088039	0.0007121
0.80539905	0.78632985	0.82302193	0.80898718	0.8154889	0.67947448	0.56468506	0.56093953
6.25715215	6.16271191	6.32551983	6.56219552	6.25401317	5.28539455	5.21977032	5.56614814
45.8448934	44.0224302	45.3697716	46.5923325	45.1606522	39.6957631	43.3261971	44.742493
0.00315956	0.00297269	0.00291207	0.00314378	0.00295382	0.00298762	0.00336403	0.00327677
0.02118747	0.02005387	0.01972583	0.01822424	0.01824457	0.01414177	0.00803076	0.00797663
1.79718868	1.75757827	1.81828238	1.81723828	1.60310442	1.15713759	1.03461439	1.15020223
1.06777427	1.10527355	1.51245107	1.60915688	1.60100316	1.47686426	1.58387037	1.58509474
5.80654913	7.61214315	7.84298348	8.20176964	8.55520673	8.67167494	9.26791325	8.97930504
1.21906217	1.43549483	1.58507815	1.74131018	2.1230431	2.06047649	2.02115517	2.09326438
25.0082591	26.9335258	30.5865858	32.6965974	25.4153304	29.4310979	28.9897368	30.6240528
0.03175146	0.03214349	0.03146853	0.03097246	0.03100775	0.03034609	0.03110004	0.08187959
0.00127739	0.00124832	0.00127899	0.00138129	0.00128741	0.00137155	0.00141889	0.00151985
29.6862759	30.9746523	30.9981985	30.922469	28.0864162	22.1916229	22.8490113	21.2116071
0.80626099	0.82372531	0.86672287	1.04731186	0.97345413	0.40019563	0.33277806	0.4417523
0.74331783	0.85467018	0.89563013	0.84073426	0.9150249	0.83091222	0.83509847	0.97045368
2.61689322	2.57721581	2.62349077	2.66522414	2.74766194	2.41319135	3.09668164	2.98762277
0.05722543	0.07716415	0.07944762	0.08166086	0.07546238	0.05799163	0.07872632	0.07908407
5.3686E-05	5.9813E-05	6.5056E-05	6.5024E-05	6.4772E-05	7.3037E-05	7.1616E-05	5.7977E-05
28.1835574	27.8932191	27.6193904	28.1698657	25.8858179	27.0492816	30.356215	30.148218
0.00010063	9.5154E-05	9.8926E-05	9.492E-05	9.4093E-05	9.3759E-05	9.3278E-05	9.3091E-05
0.11800205	0.1181565	0.11330306	0.09844113	0.09781858	0.1006425	0.09392236	0.09350381
18.540383	17.8578001	17.3841377	18.0616983	16.5998924	14.6569392	14.5772666	13.1948474
0.72333754	0.76198271	0.78484525	0.81475531	0.81824974	0.93681665	1.08579823	1.41971157
0.87563533	0.85656419	0.92263034	0.79261209	0.77929293	0.72665871	0.85612743	1.03414057
5.8648E-05	5.8726E-05	0.00016259	0.00030609	0.00029652	0.00028513	0.00027023	0.00027045
0.17570899	0.02585413	0.02654702	0.02752406	0.17050263	0.13386922	0.11643072	0.161132
0.09307509	0.09647211	0.0963101	0.09397809	0.11719111	0.11884364	0.1200303	0.12235241
0.0036909	0.00372682	0.00388573	0.00408019	0.00403032	0.0042722	0.00451859	0.00482331
0.00386297	0.00384034	0.00394262	0.00408597	0.00403868	0.00419724	0.00437196	0.00459763
0.51570044	0.53478993	0.55848381	0.55857688	0.55865083	0.56176452	0.56184459	0.84709071
7.61299077	8.00894746	7.90280384	7.79867226	7.31072364	5.78918236	5.42635095	3.76652383
0.00042395	0.00046411	0.00049401	0.00050076	0.00052074	0.00056982	0.00061984	0.00051559
0.00054838	0.0005491	0.00055056	0.00055033	0.00055444	0.00055186	0.0005558	0.00055504
0.7683145	0.99016284	1.0531056	1.06398859	1.04475859	0.63192919	1.13611767	1.19305668
0.02301966	0.02325112	0.02314418	0.0237344	0.02419761	0.02444564	0.03372714	0.03299232
0.00170219	0.00170409	0.00170173	0.00170102	0.00169939	0.00169911	0.00170242	0.00170651
0.52549734	0.48062468	0.47890262	0.47522846	0.62229063	0.51150798	0.61468181	0.62411373
0.76562949	0.61034617	0.76511109	0.7455159	0.69707728	0.70554022	0.63247307	0.6554492
2.91509189	2.71120627	2.83752231	3.08980536	2.95696215	2.44533634	2.48838944	2.30865195
0.24761823	0.24702268	0.24999744	0.25418722	0.25242449	0.249755	0.25757766	0.2654693

4.01055845	4.4885159	4.48444294	4.67400064	4.44254883	3.44494411	3.58796979	3.59796879
31.3549425	30.7187289	31.4192328	32.3780005	32.2772287	30.9652766	31.5435935	34.089842
87.4279001	92.0194452	96.8048363	106.157869	111.252884	117.056094	124.853826	139.766862
2.30012106	2.40431318	2.36433859	2.39060871	2.09976998	1.50500205	1.29936491	1.23386606
22.3625271	23.9079265	28.0606087	32.8441669	37.8933547	41.9669728	50.7618174	51.0437172
1.60250666	1.90540715	1.79088205	2.15310796	3.17985687	3.3510909	3.99949421	4.72424569
0.91693625	0.9217251	0.99174829	1.16358555	1.66237341	1.74686686	1.7864581	1.73306466
2.82162673	3.10628366	3.03583734	3.1689317	3.31695652	3.12285131	3.49774834	3.6042318
33.7358845	33.9768962	34.0664539	34.1930904	32.1866649	27.1419511	28.1956214	27.7250603
0.31937918	0.33089933	0.53553566	0.44402624	0.51314242	0.51100522	0.50740774	0.36544769
1.81847806	1.8286988	1.76707221	1.78150187	2.0315293	1.77364847	1.77829847	1.23255067
72.9429635	74.3986059	74.196995	74.058278	69.5441871	60.5545607	64.2371926	63.2893117
6.37405133	7.52865412	8.88727584	8.47417581	9.03640892	7.72991435	8.16152863	8.57621416
1.14021128	1.27992859	1.24962644	1.3830871	1.50833296	1.67421245	1.86271562	2.17328941
0.40642654	0.47009139	0.50163301	0.57033136	0.58357852	0.28768786	0.37571967	0.50171593
0.03448763	0.0359467	0.03657986	0.08021962	0.40381859	0.46693367	0.37763523	0.42040439
0.00027937	0.00032704	0.0003616	0.00036873	0.00040302	0.00038727	0.00038118	0.00036973
0.000241	0.00026266	0.00027926	0.00028768	0.00028846	0.00033602	0.0003462	0.00027496
46.7962128	45.1062198	47.0086077	47.5832798	46.480307	42.5526674	40.8645057	45.8669695
4.02303142	4.13923075	4.36325086	4.5558799	4.90493867	4.8503581	4.73667784	5.35582078
0.13704101	0.13454613	0.21230485	0.21535361	0.20320319	0.47366977	0.52967398	0.56172796
1.36589038	2.01880465	1.88147122	2.10843013	1.93159065	2.17967709	2.32555665	2.35048909
0.02543061	0.06909357	0.07113001	0.06960248	0.04505564	0.03513542	0.03718219	0.04047097
4.45541187	4.52345161	5.0488289	4.85623068	4.53364342	5.06987365	5.3299989	3.28989127
0.00074592	0.00081738	0.00084567	0.000858	0.00086796	0.00094557	0.00097709	0.00084382
0.61872344	0.77584577	0.84132137	0.90380353	0.89944295	0.92371521	0.79941742	0.89132362
0.00515196	0.00509527	0.0051239	0.00545455	0.00510221	0.00532824	0.00550107	0.00581012
1.39997048	1.43052081	1.63609335	2.85908854	2.89574833	1.45616773	1.43146021	2.49118707
0.64786952	0.6208198	0.64020258	0.63741052	0.57232072	0.52472712	0.5548584	0.5723137
0.36236766	0.37554576	0.41088847	0.44530063	0.41241331	0.42778621	0.6795027	0.76617679
0.00514933	0.00584514	0.00652018	0.00666096	0.00617256	0.00664613	0.00537986	0.00558075
4.82876456	4.85460165	4.64328346	4.49532771	5.53812914	5.43722964	5.28667603	5.16666195
0.27513282	0.36024829	0.42345444	0.41268407	0.4007497	0.33244778	0.42479714	0.4896807
0.09794867	0.10446126	0.10277696	0.14832305	0.10865779	0.09796979	0.1084899	0.12214243
0.0018372	0.00199249	0.00256857	0.00285747	0.00324194	0.00345863	0.00334568	0.00346895
26.1868427	26.6579911	28.2293258	27.5221503	26.1672853	25.9853385	26.1874133	21.3212442
0.62768564	0.74935302	0.75746071	0.99889448	0.99317673	0.58351254	0.80714233	1.05008578
0.03241715	0.03300869	0.03386784	0.03490998	0.03544578	0.03778556	0.03957128	0.04197872
0.00848634	0.00807665	0.00905863	0.00810719	0.00799591	0.00815082	0.00822233	0.00880088
0.37357643	0.43851767	0.44604513	0.46296457	0.48330816	0.47029848	0.49589169	0.45522086
0.06739299	0.08563346	0.10298859	0.11757997	0.15018182	0.13585603	0.16206166	0.192075
1.08870931	1.1505287	1.20283603	1.2701734	1.19613907	1.20716233	1.2662853	1.30921524
0.13513852	0.13530057	0.15924577	0.1674102	0.13231159	0.12648828	0.21331222	0.21378022
0.08920727	0.08888062	0.09232739	0.09010066	0.06225836	0.06335954	0.06399002	0.06486106
0.01373116	0.01653494	0.01703823	0.01815802	0.02008785	0.01386387	0.01279667	0.01654874
0.09714746	0.11659101	0.12737507	0.12383199	0.14430389	0.13858968	0.12650739	0.12867528
14.7602388	16.1219622	17.3580519	18.4509757	17.7175402	17.6068298	17.0239031	17.4924159
0.05517994	0.06637705	0.06449326	0.0832796	0.08133304	0.08162353	0.08053687	0.21657126
0.05601333	0.06456631	0.07329924	0.0752741	0.07302093	0.07228012	0.077364	0.07007011
0.0523727	0.05504828	0.06653905	0.05930176	0.05740841	0.05342326	0.05049665	0.06477021
2.83944373	2.1212544	2.34557039	2.85804203	4.9202713	4.63917341	4.73457406	5.38224512

0.2896929	0.26184316	0.27854719	0.27293741	0.26884503	0.27222515	0.3015617	0.33990901
13.449683	12.9664934	12.7525219	13.0107901	13.2582739	12.8384359	13.5581912	13.7267466
8.00820855	7.5284989	7.3983549	7.79485952	9.08494488	7.1284915	7.47067837	7.47041881
0.2004697	0.20097992	0.20750583	0.21321953	0.20265909	0.63882699	0.66258911	0.9552519
2.2537644	1.75137556	1.80689403	1.7140665	1.85627444	1.99928004	2.07552795	2.12839816
1.15281774	2.82837778	4.14650588	4.58322031	4.69363101	4.87146466	5.72784731	7.5816162
12.8106148	13.0133711	15.2327804	18.6900204	19.4283121	18.7552262	17.9733664	18.1744288
0.32759611	0.41366699	0.42488196	0.41221336	0.69007987	0.63829174	0.5733274	0.69152487
1.98249429	2.17282441	2.58176593	2.80163958	3.06841184	3.44858151	3.51614536	3.50488453
6.15443503	8.50285442	6.26095703	8.52918822	7.58336589	7.68761596	8.51730245	7.56959199
0.00232914	0.00274716	0.00295405	0.00238955	0.00205252	0.00289456	0.00236449	0.0021326
0.05689237	0.05834474	0.0597934	0.06176678	0.06135956	0.06196476	0.14828729	0.14871181
14.2524478	14.8296518	16.2208172	17.6967268	17.1091291	14.5026382	15.7651639	17.7708255
0.65659111	0.65399312	0.65781114	0.5808344	0.53595196	0.40198879	0.34024857	0.33232643
3.90096079	3.86866647	4.14932064	4.16561669	3.60152837	3.50137733	3.19335747	3.52095222
6.30811105	6.29831048	6.23964228	6.5450943	6.26419368	5.25556348	5.53787911	4.26249413
0.36180635	0.32984187	0.3695207	0.38010318	0.45284374	0.36816087	0.39730996	0.37762516
0.00379428	0.00422498	0.00444456	0.00483489	0.00508005	0.00514104	0.00503045	0.00488013
5.03307248	5.56912399	5.68861813	6.14396014	7.91732963	8.39769444	9.40056425	11.2696698
0.1658216	0.16521407	0.16581129	0.15917605	0.15667735	0.14146886	0.11716409	0.09634852
9.82879389	9.59740289	10.4100491	10.779185	11.0112383	6.31632135	6.55288771	6.79313804
86.345946	88.2604668	92.6654722	96.7142695	92.4762352	82.4691337	91.5396297	96.7790378
0.06352782	0.06268114	0.06204224	0.06083181	0.06090598	0.05525316	0.05784711	0.05698811
36.6070022	40.527404	41.6104832	45.5336794	47.0749608	55.7637078	60.2106584	66.0146423
2.52674933	2.55025705	2.54350107	2.58885553	2.64524644	1.84220795	2.20462163	2.57668766
0.24157989	0.25505901	0.20238526	0.24947554	0.22231668	0.35051708	0.83500412	1.19684332
0.73449404	1.11895664	1.17371801	1.22743271	1.19346107	1.20499989	1.51913732	1.69573122
4.76252583	4.68627127	4.65098794	5.03988587	4.46318891	4.89667378	6.44233257	6.54154838
6.6222E-06	6.4224E-06	6.6984E-06	6.2576E-06	6.2592E-06	6.2741E-06	6.275E-06	6.237E-06
0.00150986	0.00165292	0.00177984	0.00192589	0.00202492	0.00209043	0.00208977	0.00211237
0.08808776	0.085046	0.10712277	0.10431407	0.11001545	0.09855063	0.12511739	0.12661889
0.50273237	0.45071653	0.53507588	0.51752436	0.50377712	0.46550884	0.50233699	0.5295271
0.02534725	0.02594467	0.02666856	0.02735299	0.02772507	0.02854899	0.0294895	0.03057918
4.2985E-05	5.8582E-05	6.0446E-05	5.7491E-05	5.7022E-05	8.151E-05	8.6796E-05	4.9478E-05
0.00050734	0.00051093	0.0005295	0.00055831	0.00053758	0.00058171	0.00063666	0.00070334
0.02575795	0.02589239	0.02596531	0.02637691	0.02646487	0.02009828	0.01821168	0.02785708
4.2492296	4.09679902	4.41476009	4.68282573	4.59997116	3.81869923	4.20388033	4.45813636
2.08333566	2.11530636	2.09057014	2.1229153	2.07496424	1.74849534	1.70242617	0.66312818
4.38535845	4.40174867	4.5532748	4.50978858	4.51211932	3.63902246	4.02390698	4.18694211
0.00242461	0.00245185	0.00246856	0.00252262	0.00251565	0.00255304	0.00259966	0.00264529
0.00243457	0.00204401	0.00219767	0.0020101	0.00174418	0.00208547	0.00220161	0.00223073
2.39231827	2.38663306	2.40721167	2.57480778	2.74100576	2.93143082	3.1301864	2.33718682
9.9975E-05	9.5304E-05	0.00011267	0.00012634	0.00013202	0.00016522	0.0001759	0.0001203
0.03225024	0.03309764	0.03381296	0.03464908	0.03547381	0.03641134	0.03776456	0.03919643
0.34635505	0.34635715	0.33139197	0.31815168	0.49115226	0.43179415	0.44574417	0.42553414
23.1779267	24.5987688	26.7622838	25.2782045	21.9266861	22.8886703	20.8180848	22.8798175
0.81573951	0.81038516	0.91490685	0.91323486	0.82147282	0.70576202	0.73365139	0.6321269
0.66615827	0.44617974	0.92831563	1.0160762	1.07385154	1.06779387	1.11563343	1.47458068
0.0024301	0.0025385	0.00266585	0.00278864	0.00292851	0.00305708	0.0031011	0.0031728
0.00040972	0.00046488	0.00053222	0.0005154	0.00056257	0.00059883	0.00054862	0.00052234
12.4996308	16.6984823	17.6235262	18.0027678	17.6139963	17.4203452	18.5766119	18.3017491

3.07053616	3.18910203	3.15028454	3.07181903	3.21295964	3.00624172	3.33161536	2.83152549
23.6959168	25.4938581	28.0782407	30.2410597	32.3013494	35.3804736	39.8135962	40.6477835
17.775658	18.0019441	17.6337111	19.622351	18.687002	18.1887803	18.7532281	17.7896325
0.64479265	0.75811145	0.66456479	0.72549561	0.77001738	0.79515474	0.95210595	0.97235072
0.33013791	0.35987795	0.33992825	0.38405672	0.57012721	0.54764843	0.64693183	0.7423455
33.7315517	35.3535212	35.7768903	38.012796	34.5946991	23.4847346	26.9533556	30.3386194
0.41838369	0.26212791	0.26213652	0.26843667	0.26600014	0.42674995	0.34178034	0.37673213
155.224519	150.630532	152.981772	151.976233	141.440751	120.186366	131.222013	136.663948
4.72786035	4.74663294	5.23993865	5.7672908	5.90971457	5.76094919	6.82933115	6.78111204
0.00047768	0.00051563	0.00052958	0.00053359	0.00053267	0.00063986	0.00058492	0.00050445
10.600674	9.32166709	10.3900283	11.3015999	10.9216624	10.7179025	10.1060492	10.4233765
0.00019852	0.00022247	0.00023826	0.00024361	0.00025122	0.0002882	0.00029916	0.0004036
14.3404748	17.6296967	18.1458525	20.6054459	21.3334082	24.8762787	26.3931868	26.4642214
0.00064011	0.0006849	0.00070577	0.00085837	0.00088904	0.00095189	0.00095228	0.00100249
0.00076377	0.00084852	0.00092471	0.00101932	0.0010823	0.00119183	0.00115465	0.00115106
1.04916445	1.05659866	1.01523024	1.1350656	1.3546278	1.34663632	1.20589685	0.89000584
17.0689256	16.1253871	17.2627639	18.4448716	17.1893122	14.3657356	16.5041534	17.3543946
0.33816204	0.32824371	0.41134816	0.40341691	0.34663586	0.44079075	0.55137598	0.50828853
0.59084073	0.68769748	0.60588032	0.47741385	0.44238461	0.41485529	0.59151956	0.71187572
0.11669333	0.13143112	0.14591674	0.15711334	0.16010889	0.17621459	0.17928957	0.10423734
0.2137626	0.35623796	0.46542889	0.49963343	1.31185268	2.4244958	3.30782276	4.45027033
3.45252558	2.47657103	3.29316576	3.89611248	5.20389099	5.75724207	5.68360975	6.27617525
0.01047839	0.0110461	0.01092461	0.00971364	0.01271374	0.01787831	0.02208868	0.02361679
403.086621	429.024642	444.324424	459.27623	466.389435	443.785359	466.657076	480.117814
2.30645363	2.38109227	1.9242767	2.10447894	2.29210068	2.31348832	2.24150972	2.35539461
1.36473164	1.37435751	1.39350497	1.42859076	1.46046833	1.4540513	1.4540513	1.46367686
21.0671448	22.7474851	23.923959	24.5863897	26.1620977	28.7946021	30.0559408	30.0847207
37.1676954	37.7143662	40.5476509	43.8822187	45.8477931	42.0210052	44.199154	45.6702598
0.60721865	0.67157523	0.66502657	1.05899101	1.25844524	1.14269743	1.26301321	1.2949329
0.05539122	0.05863953	0.06733991	0.07349746	0.08128438	0.09514234	0.10369389	0.07613277
79.1821006	79.3333908	81.2516067	83.5780932	85.2988057	84.9395495	87.6344759	89.7726215
23.8499217	24.5497229	23.3986256	23.5870172	22.5544681	21.7190038	22.5295264	21.7208383
3.7865176	4.21280715	4.84286255	3.77828745	4.77255584	4.24842606	4.95169761	5.79669602
0.09942304	0.08325113	0.10789015	0.18484744	0.10919616	0.10839559	0.15771939	0.18943367
26.9682156	26.1874148	26.5976782	27.4288216	27.5026538	26.693621	25.8687961	25.471687
1.40044848	1.54274249	1.96147764	2.43208058	2.44987701	2.81242931	3.17021413	3.28426652
0.50480096	0.54675275	0.56046239	0.8299925	0.91940589	0.86577046	0.90264273	0.99141969
4.57799842	5.09669572	5.31323531	5.42359547	6.06904045	6.39438222	7.39390564	8.61722248
6.94978095	7.76389441	8.19006813	7.92501832	8.30510067	7.97754193	7.75990238	7.93520173
2.11879948	2.48187072	2.59481178	2.823209	3.08940077	3.04215097	3.12453919	2.94412656
0.2911016	0.29254705	0.37603964	0.44996986	0.47908451	0.40369324	0.4767437	0.30652917
2.39160664	2.30440241	2.88483828	3.04801749	3.38043386	3.49102446	3.40324231	3.4067884
6.98421775	7.77422986	9.13315099	9.29246419	10.5498016	9.64881393	10.2359216	10.872783
0.04498298	0.05064994	0.05914748	0.05687169	0.05629169	0.06928934	0.08521287	0.05286328
0.05769634	0.06336109	0.07964231	0.09506078	0.09823997	0.0873703	0.11502378	0.05494535
3.22637085	3.4526699	3.99217104	4.5137886	5.0870436	5.53864494	6.07357168	6.73405717
136.450475	137.192524	140.259285	145.965659	151.340333	148.717601	167.991123	185.152587
0.14984271	0.1584657	0.1764739	0.17753856	0.22648262	0.23803005	0.25949918	0.1995616
0.97365858	0.95182216	1.03141197	1.12642119	1.13211104	1.12186225	1.17557625	1.28362717
0.0694438	0.08257987	0.087911	0.0897612	0.10008102	0.1186329	0.17303616	0.20935004
1.46417486	1.49577188	1.58374052	1.71567473	1.98403621	1.78449621	1.8894426	1.98134724

0.12182167	0.12188364	0.13136652	0.13509479	0.10383489	0.09998177	0.09984533	0.10400072
159.701809	163.455777	162.347655	167.690594	167.676716	163.763554	169.432938	169.055874
16.489454	16.5724429	16.6963241	17.0354753	17.4493185	17.2407026	17.1761243	16.9751793
16.9189657	18.5607251	18.2862945	19.8109428	20.582669	20.709564	21.4369367	21.8593048
371.136817	397.312032	434.811987	468.57666	507.067555	517.074565	568.779788	621.890019
1.14407022	1.2253102	1.28190925	1.29050819	1.56177844	1.55121775	1.48426623	1.58361486
2.16523372	2.10737605	1.86967201	2.12836131	2.18456792	2.51414278	2.67522407	2.83184211
0.89471602	1.110091	1.19557862	1.33467595	1.51693908	1.51631585	1.65458203	2.12684699
0.70579106	0.72094406	0.87960445	0.95893326	1.17636637	1.28168907	1.48284648	1.64559149
0.01774409	0.03149726	0.03451273	0.02860208	0.0336443	0.03297536	0.04530257	0.05239521
20.2410653	19.845986	20.805314	21.7744703	22.0882798	20.402436	20.6326646	25.0198039
0.06850617	0.06733035	0.08157056	0.05523344	0.05729699	0.07074106	0.08148933	0.07010308
0.19170728	0.30400769	0.33579117	0.39127561	0.39502901	0.38148317	0.39542039	0.43853631
3.85481888	3.77404498	3.97554344	4.27368433	4.38055722	4.43571343	4.56214537	4.67586668
1.97153942	1.91395427	1.82794639	1.8469664	1.81803831	1.41304259	1.24650528	1.21715019
0.04657773	0.05001865	0.05643121	0.07034982	0.07842496	0.08119098	0.09192112	0.07160207
1.98782456	2.02636718	2.01406664	2.14710147	2.18839064	2.18931374	2.23709087	2.1699548
15.8468755	17.1466176	17.4536984	18.413732	18.2617835	17.6347225	16.6022288	16.4735092
163.989423	155.629265	153.48306	148.380512	148.893744	147.059209	148.123321	149.942748
0.38986858	0.37740873	0.36752151	0.39161963	0.43914709	0.39206384	0.42774999	0.31500162
0.01350462	0.0138443	0.01536317	0.02016642	0.01955914	0.02184175	0.02589751	0.01859644
12.9526876	13.1708228	13.464993	14.0223492	13.8705697	13.1382172	12.9902659	12.6436617
5.44049101	5.76209042	5.8636313	5.95256172	5.43724104	5.63859251	5.74050768	6.04611362
22.0250262	24.1619221	25.6264693	27.6011664	29.1924163	30.5164347	31.7104879	34.2189456
9.47465654	9.90574899	10.2021023	10.0031585	9.95950582	10.4831396	12.6618416	13.7020717
31.3428797	30.7860022	33.4622086	37.0311283	39.0530725	41.7813432	44.8427143	46.7650034
0.25550031	0.18234702	0.15976958	0.13734919	0.12134585	0.1180729	0.14042859	0.2364769
0.13300058	0.13278166	0.13287186	0.13106871	0.13221291	0.13440024	0.13280374	0.10829084
105.761718	109.541269	113.149579	116.123707	109.924685	101.324938	98.4477438	91.9880334
2.0440566	2.1462938	2.30025942	2.41205265	2.31905731	2.12912998	2.24407425	2.24431492
2.34085872	2.11825748	2.25653583	2.45246391	2.53515858	2.64939944	2.70819194	2.86199363
12.6038996	12.6269914	12.8086671	13.1477297	12.5269327	11.961152	12.4667105	12.2935511
0.68850949	0.64370907	0.73411903	0.65518886	0.5569685	0.50601247	0.88906282	0.65669152
0.0036479	0.00380592	0.00488299	0.00509927	0.00551247	0.00616348	0.00636173	0.00455029
133.062132	130.796248	131.123363	130.294683	124.319482	122.929378	123.27096	128.158843
0.37413933	0.36761832	0.3706192	0.42506009	0.43443875	0.40587368	0.63812243	0.72721436
125.976272	127.202112	128.853965	129.553648	122.740073	118.318412	116.848859	115.401144
1.2030057	1.51421568	1.57172899	2.06647341	1.74418912	2.17006669	2.25959068	2.31381092
3.6473621	3.6030782	3.64738584	3.83832752	4.15580937	5.05432549	5.14677679	5.72989951
0.29099038	0.29730349	0.30982276	0.30350934	0.30350934	0.33791042	0.34106713	0.32854786
0.81813709	0.86721798	0.9332699	1.00224757	1.033037	1.11006198	1.26663045	1.25827027
0.1934833	0.20062183	0.23016529	0.25002	0.25233544	0.27807309	0.33511135	0.37000656
0.15944728	0.16437181	0.18515262	0.20052994	0.21114197	0.23222766	0.2307821	0.23154694
0.13147859	0.13639628	0.14543182	0.15893628	0.15705673	0.16481651	0.16372811	0.15843055
0.35427685	0.39226582	0.43354125	0.45889781	0.47141999	0.49025582	0.50909137	0.53113545
21.3922663	21.7842348	22.2879701	22.8774307	22.1979034	24.7980315	21.9868419	19.6397501
0.02210118	0.02424733	0.0279009	0.03093962	0.03474191	0.03788986	0.04418667	0.03298323
0.10052625	0.09416847	0.10985073	0.09395628	0.10024542	0.09720381	0.10352901	0.10660668
4.77706362	5.1459931	5.32513921	5.63500786	5.15261695	5.86509869	5.78652789	5.66378789
0.05959033	0.06056144	0.05943383	0.06990566	0.07615341	0.10821848	0.11030156	0.12150522
0.56229767	0.53721814	0.49924484	0.55233253	0.55455317	0.5941577	0.60610792	0.64692265

5.24229387	6.11532223	5.41746498	5.37619726	5.3401692	7.14188796	6.56212442	6.41130259
2.32998737	2.1254771	1.98913313	3.15545141	3.04085915	2.96875228	2.97194102	3.05216198
5.22492067	5.42803223	5.78150718	6.21273758	6.1499662	6.11232104	5.87003205	5.75520074
0.77259613	0.77953272	0.7799483	0.94885748	0.92091562	0.9415056	1.07822559	1.1030629
10.8848683	11.7946915	12.5989001	12.9708629	12.8861282	12.8075699	11.6492129	10.8308851
70.8285616	69.8382956	66.2946456	67.8143903	72.070255	81.681738	89.1138827	108.496018
108.051224	115.403664	120.648077	142.976442	163.209739	178.711928	192.918884	209.289852
11.990115	12.6738918	13.8777047	14.211159	13.3878457	12.1396053	11.3397977	10.7598665
96.9573799	104.933248	111.135407	110.548706	115.2306	125.208944	116.747314	116.93654
24.1358841	26.0455302	25.8745865	25.6978801	24.6048444	25.2713273	28.0186943	29.8612881
0.67157075	0.67157075	0.90018892	0.96626526	0.91358162	0.88841027	0.84503036	0.81725195
14.1648443	13.4658441	13.7693279	14.5042408	15.9823976	15.701849	16.4481175	15.6681886
124.035362	122.957959	124.257207	124.734907	117.928166	111.841035	109.187324	109.150717
2.11849489	2.21256927	2.15023744	2.06930907	2.04115926	1.99748641	1.85632331	1.84121555
4.4042032	4.85397257	4.76798418	5.09153389	4.63090787	5.15331346	5.21670696	5.331855
256.79322	254.01775	250.133774	242.909369	233.809933	227.636135	228.65035	223.027292
9.23165019	9.55426415	10.5348085	12.0992038	13.7837806	12.4388235	13.1540749	13.4649906
2.76128379	2.88836486	3.23556925	3.27042056	3.35849938	4.1653381	4.95006651	4.61369517
1.18486281	1.08887301	1.16324469	1.74599096	1.95853481	2.27144733	1.98278089	2.77161031
1.37437175	1.50309378	1.60634591	2.00372188	2.06984757	2.68850112	2.94732437	3.12208101
0.01653712	0.02386388	0.0271264	0.02444355	0.03125376	0.02903146	0.03336148	0.03189173
0.0217993	0.02071406	0.02381552	0.02623999	0.02834414	0.03234761	0.03677327	0.02794792
88.9474681	86.0648489	85.9643787	88.6364972	84.1691878	85.0665925	86.6126279	85.124868
7.53729961	8.15919889	9.25750677	9.56994484	10.5411702	11.7277829	12.6700592	12.1543774
0.96338195	1.00394681	1.06645421	1.1725585	1.34635646	1.50888806	1.52173421	1.5130687
4.01122314	4.04226956	3.89029905	3.05825535	4.44006626	5.11377306	5.04571691	5.05838146
0.25703414	0.30753702	0.32944489	0.31437631	0.28163973	0.26350326	0.40069451	0.42672115
12.3842141	12.8593801	12.9597798	11.7877812	13.457665	15.6077206	18.2503583	13.6163335
0.03654164	0.03919561	0.04388574	0.04733899	0.05256428	0.05748088	0.06772194	0.0505681
5.84382043	6.31531441	5.98798511	6.5693577	6.02173604	5.49895234	6.92081344	7.38268834
0.19872031	0.20239045	0.20875159	0.27801352	0.23565211	0.27400765	0.27349281	0.27188378
3.82786857	4.06107514	4.33234671	5.03258304	5.00952797	4.13834737	4.2753559	4.2502773
6.82879895	7.2066666	6.89733242	6.61965999	6.71645811	6.1905616	6.55262905	6.94516321
2.8747892	3.0015538	3.31591736	3.75147214	3.54581276	3.10935948	3.18095833	2.82223222
0.72585384	0.79355034	0.83438282	0.7650095	0.72864178	0.84907252	0.75783137	0.8522871
9.8322336	10.2369239	10.5435923	11.1918071	12.263432	12.9727129	13.6451416	14.4424033
1.25867462	1.18688144	1.19594552	1.31063784	1.59328468	1.51086534	1.73920456	1.86074268
0.88600947	0.84696471	0.81615941	0.87320109	0.89012262	0.84645288	0.89377295	0.99506094
0.26348623	0.26509872	0.34294316	0.34835405	0.4354474	0.49271646	0.57619781	0.64113521
122.758053	130.234279	137.406694	145.172872	151.183073	147.696622	150.578999	151.658553
1.00997106	1.02226582	1.02244485	1.17261347	1.19718396	1.28661318	1.35423034	1.42136327
0.43396228	0.4558738	0.55907631	0.68789628	0.83074604	1.06163658	1.02747434	1.06928363
0.4451697	0.5037001	0.5196316	0.5351518	0.5838487	0.5156662	0.5633919	0.5539018
4.31814098	4.75240966	3.98938472	4.48409054	2.09522078	2.19249647	2.30218962	2.35557082
1.15915922	1.03181998	1.27603217	1.53749719	1.62395958	1.4782328	1.45123564	1.71583293
1.14169311	1.04408664	1.13154807	1.40467371	1.37289717	1.53714681	1.7009655	2.06353341
0.66836601	0.70434654	0.71295645	0.83328356	1.04185325	1.03616802	0.97618094	1.01134077
0.21012944	0.21496107	0.2372986	0.25639039	0.27866789	0.31071137	0.3494332	0.364353
0.83051491	0.85818441	0.86822556	0.83189283	0.83844602	0.86951205	0.92302589	0.9324437
0.35025093	0.31614448	0.34697296	0.34834116	0.42834765	0.38204253	0.46470446	0.41637811
40.9582818	40.6971352	38.996137	41.5263562	43.6175152	42.7462085	44.1011281	44.6284131

1.33287741	1.5552277	1.38984276	1.39379138	1.53238637	1.69649777	1.77623693	1.80281569
0.5999995	0.75816714	0.75760115	0.81579828	0.92845162	0.99831987	1.1833964	1.15999872
0.40298435	0.40329602	0.41581847	0.48857576	0.49840913	0.65334152	0.80289575	0.77474621
29.6880056	28.7073242	24.2272953	21.1573239	25.3704336	23.7400848	29.7332872	31.7314486
1.45660346	1.45005026	1.4949425	1.55042709	1.51508741	1.48589276	1.54526302	1.61113507
34.1902801	34.4236062	35.308923	34.5914714	34.9505259	33.4424694	34.0545452	34.1458899
13.0119106	13.0695633	13.6833771	14.2746283	13.9280976	13.6295817	15.0106728	14.9824663
0.83728075	0.83683553	0.88446394	0.90839172	1.33783649	1.75243309	1.94032134	1.95930889
13.4647192	13.5289928	13.6823292	13.8078952	13.8905278	13.6193764	13.6061012	13.6414194
3.20579079	3.6674592	4.09289877	6.17175813	7.32456282	7.44283002	8.25097409	9.56340893
29.2563214	27.1994318	27.5894112	33.2046382	32.1738796	32.6917051	33.3597943	34.9540503
2.55441077	2.88788495	3.03164757	2.82822546	3.14215346	3.41902438	3.55722244	3.67389951
10.6093094	10.0781181	10.8261553	11.2816724	13.792195	15.0674107	16.8792738	17.6991632
26.3873394	25.1142163	23.5826097	23.712955	22.7237076	23.589862	23.7494378	23.5298339
0.46810554	0.55433948	0.57004256	0.41148647	0.54865026	1.01555987	1.06783847	1.3706079
1.46949225	1.55733046	1.61568572	1.70481639	1.68996492	2.06567899	2.07873288	2.27169097
32.0939973	34.5128034	38.2583413	42.3267964	44.2771891	44.688272	47.118298	47.7242939
3.04047556	3.03306088	2.97248979	3.00570678	2.82685811	2.86081495	2.76144734	2.74695991
1.54705036	1.3034219	0.99655786	1.1926817	1.22114283	1.31542482	1.32484274	1.33446831
19.8950282	19.0712702	19.0152671	19.1787569	19.2377955	18.9549967	18.5264361	17.1985326
3.36632516	3.0563285	3.35718798	3.20744061	3.80209512	3.95501693	4.45211983	4.67457738
0.31503534	0.36470619	0.36306563	0.37635018	0.44184708	0.46759732	0.54116747	0.53625218
3.75632409	4.72857639	5.6481537	6.5478129	8.40989844	8.46316059	8.8685661	9.84580512
1.13911919	1.10775405	1.07517236	1.05134473	1.19561403	1.25852931	1.33558868	1.29643858
12.8873885	12.0715672	12.5237024	13.2767128	14.8583658	14.891996	13.8263785	14.045815
222.184247	220.891812	229.170968	230.713847	245.304223	228.32467	244.125298	249.686541
0.29971065	0.32722463	0.32402721	0.29331508	0.29011692	0.29920419	0.29920419	0.38402841
72.1709986	75.7518415	81.8586781	91.25826	98.5314224	101.550999	105.398641	116.537674
7.06524279	7.84770627	8.42138966	7.06897462	8.51414913	8.179669	8.23108651	7.57755658
4.05282388	4.81438636	5.7865205	6.32244388	7.59755488	7.51786999	8.43894468	8.65978455
553.096234	572.577646	609.814654	645.894551	647.013644	615.599725	662.156446	663.687734
1.51635183	1.46233739	1.55377739	2.02720837	2.18524424	1.95138515	2.06043342	2.19843068
5.40978231	5.59398666	5.81237508	6.00696486	6.12421401	6.70111002	6.78635226	7.24744653
0.00650688	0.00684131	0.00549013	0.00675722	0.00697017	0.00708562	0.00780852	0.00818269
0.10212093	0.11572448	0.12285339	0.12840322	0.14949261	0.16401647	0.19589227	0.20880399
0.25928633	0.24235138	0.30826864	0.29503294	0.2931325	0.29949177	0.30958932	0.37451863
2.83710675	3.05724831	2.94268883	3.15102294	2.95437983	3.05671269	3.0128322	3.11186922
0.3544721	0.36600658	0.38395913	0.39959202	0.40173203	0.40382432	0.40167276	0.38265122
0.00731499	0.00791906	0.00880694	0.00953056	0.01030283	0.01151958	0.01346035	0.00997565
0.04059711	0.0445972	0.04827956	0.05098794	0.05687257	0.0616399	0.06507358	0.06389529
0.47244885	0.5040147	0.53226813	0.53589222	0.57325179	0.58483923	0.6708462	0.57190122
5.93002379	6.51101083	6.11205064	6.69291364	7.32770218	6.32251693	7.15395746	7.11922241
4.0419128	4.31141096	4.54962576	5.1512863	6.0573955	5.07802722	5.21185732	5.566976
22.0425692	20.9938043	21.1118458	21.2560847	20.8148604	20.2933729	20.6652673	20.3745043
0.47027915	0.49884423	0.50236437	0.5183033	0.48652969	0.56187189	0.58712508	0.51612172
0.52370287	0.4834236	0.53416848	0.45362756	0.50206702	0.55002803	0.48380633	0.39337566
10.3412965	13.6256665	14.472762	15.4810113	15.6870818	13.1292833	12.96232	12.924405
0.00935924	0.01148783	0.01469222	0.01801131	0.02073278	0.02338286	0.02730874	0.02010292
0.11052609	0.12174295	0.12865219	0.14689748	0.15678314	0.17312016	0.18612701	0.25831358
0.64321611	0.61381989	0.57812256	0.64342389	0.86716575	1.9312308	1.60304985	1.48403463
56.1286951	56.1581323	52.6634182	55.6298366	51.9764087	54.9055814	55.6603462	58.4877994



0.1341648	0.1243341	0.1639737	0.2554497	0.2524005	0.2371545	0.2676465	0.2859417
8.27384409	8.7652008	8.71734852	9.58239792	9.53663103	7.22051811	8.26279848	9.96854391
0.06121142	0.06808765	0.07117446	0.07240108	0.09104724	0.10830127	0.13063668	0.13976585
0.03991456	0.04699609	0.05463131	0.04535797	0.05639561	0.06555526	0.06907959	0.06731124
2.05297496	2.15154314	2.63368853	2.77581841	3.0012992	3.04515377	3.20361085	3.18814213
4.41583109	4.58964321	4.56154028	4.80540614	4.65031687	5.71650941	6.86145617	6.39961737
35.7432651	36.9415223	41.6514547	47.4505117	44.6722004	44.2586427	43.3860647	44.0003267
39.8437958	40.9377369	40.858752	39.3567449	36.8828539	37.2203046	38.4242805	38.9090395
2.3997003	2.76362566	2.85571839	2.84418352	3.09307866	3.01957451	3.53570816	4.43448742
0.98527008	1.02158318	1.12869929	1.18984951	1.38047923	1.52443546	1.28021986	1.63942309
31.1722385	30.5906108	30.229811	39.9520991	39.9194219	33.418153	33.9065402	33.668775
2.21106093	2.27418811	2.50123387	2.67746549	2.72678087	2.94350899	3.09998729	3.22451127
1788.66693	1807.72218	1806.01796	1806.36629	1708.27443	1622.54728	1679.77324	1633.59074
12.1695855	12.2061591	12.9299795	12.9054794	12.7810413	11.9854107	12.754831	12.3376521
0.02136196	0.02243565	0.02498307	0.02667323	0.02859855	0.04427098	0.03600273	0.02455207
34.836849	41.5512295	43.7959922	47.444303	49.5137562	50.2617777	48.593287	50.8393274
0.01185048	0.01270845	0.0154044	0.01667763	0.01934913	0.02265805	0.0262533	0.01978557
19.1620216	19.3610553	19.3370001	22.6360998	24.1007825	28.9274881	31.0700014	30.5115873
0.03107277	0.03444345	0.03279181	0.05189842	0.05852679	0.07213741	0.08458672	0.10062978
0.07518675	0.08447176	0.08975738	0.09459477	0.11133628	0.12439411	0.14399498	0.15014965
5.2216954	5.57335478	5.17443392	4.72222608	5.03717036	8.14747067	7.15031354	6.65696606
41.2549557	43.2016049	44.3514547	48.7521103	47.0531804	45.0707921	46.4991427	48.7816211
0.92222721	0.98987081	1.01612392	0.90399642	0.98173511	1.14590371	1.23326282	1.34385449
1.21444893	1.32041443	1.27601446	1.23161449	1.03007154	1.10548692	1.31786118	2.25449592
0.00202277	0.00212435	0.00218542	0.00225446	0.0023235	0.00239255	0.00246159	0.00253063
0.00943219	0.00955282	0.00967049	0.00978963	0.0099073	0.01002793	0.01015155	0.01027219
0.01389443	0.01401119	0.0142077	0.01445276	0.01476991	0.01506661	0.01492149	0.01499761
0.00506458	0.00506458	0.00417083	0.00333667	0.0025025	0.00166833	0.00083417	0.00083417
0.00176199	0.00178746	0.00181381	0.00184104	0.00186827	0.00189726	0.001928	0.00196138
0.01548677	0.00246614	0.00193094	0.00193094	0.00132452	0.00409676	0.0019579	0.00152473
0.00020215	0.00021052	0.00021953	0.00022854	0.0002382	0.00024786	0.00025816	0.00026846
0.0402619	0.03142278	0.02945628	0.01945711	0.02440205	0.01910826	0.00751556	0.00533484
0.00073227	0.00074777	0.00076328	0.00077878	0.00079309	0.0008074	0.00082171	0.00083603
0.00293053	0.00304313	0.00313872	0.00322901	0.00331929	0.00340692	0.00349455	0.00358218
0.03076144	0.02074215	0.01908454	0.02006052	0.0543692	0.04710658	0.04165471	0.0386678
0.00174107	0.00178427	0.00182746	0.00187214	0.00191682	0.0019615	0.00200767	0.00205235
0.24045744	0.24426278	0.24789536	0.25144304	0.25492668	0.25838202	0.26183289	0.26524802
0.00132562	0.00136187	0.00140647	0.00144829	0.00148871	0.00152914	0.00156956	0.00160999
0.1929431	0.16289246	0.176114	0.16982054	0.16802386	0.13773915	0.15853221	0.15775588
0.01182143	0.01152071	0.01145725	0.01112426	0.01094528	0.01038127	0.0102023	0.01000593
0.00551514	0.00575344	0.00599025	0.00602748	0.00606472	0.00610195	0.00613919	0.00641621
0.58699621	0.62473351	0.93182838	1.23892541	1.54602028	1.85311515	2.16021002	2.46730705
3.2189E-06	3.2189E-06	3.2189E-06	3.8627E-06	3.8627E-06	3.8627E-06	3.8627E-06	4.5065E-06
0.01442456	0.01469264	0.01495626	0.0152169	0.01547456	0.01573074	0.01598393	0.01622967
0.00046274	0.00046512	0.00046631	0.00046631	0.00046751	0.0004687	0.00046989	0.00047108
0.0928452	0.06630692	0.0848227	0.05365235	0.05605765	0.0475147	0.06642384	0.056935
0.18533946	0.18368501	0.18203007	0.18037562	0.17872069	0.17706527	0.17541082	0.17375589
6.5594E-05	6.6787E-05	6.6787E-05	6.7979E-05	6.7979E-05	6.7979E-05	6.9172E-05	6.9172E-05
0.00091109	0.00092793	0.00093178	0.00092986	0.00092793	0.00093178	0.00093756	0.00094141
0.00030054	0.00031127	0.00032081	0.00033155	0.00034228	0.00035302	0.00036494	0.00037448
0.00143324	0.0014711	0.00150986	0.00155088	0.00159415	0.00164012	0.0016888	0.00173837



0.00073787	0.00075765	0.00076649	0.00078054	0.00079407	0.00080864	0.00082269	0.00083674
0.14284555	0.15617224	0.15567322	0.15430398	0.12072136	0.1122394	0.14055216	0.13788377
0.00958466	0.00966872	0.00975062	0.00982605	0.00989933	0.00997046	0.01004158	0.01012564
0.18805193	0.18767336	0.18736283	0.18718421	0.17206063	0.17660436	0.17465958	0.17518219
0.00022043	0.00023383	0.00022192	0.00021	0.0001966	0.00018468	0.00017277	0.00016085
7.9052E-06	9.662E-06	1.054E-05	1.3175E-05	1.581E-05	1.8446E-05	2.0202E-05	2.1959E-05
0.06948403	0.11482605	0.02902665	0.0064438	0.00463759	0.00342246	0.00385957	0.00466577
0.00603421	0.00622168	0.00632259	0.00644208	0.00655892	0.0066731	0.00678463	0.00689616
0.02987744	0.03070404	0.03153064	0.03235584	0.03316571	0.03394771	0.03469206	0.03538763
3.3625E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.6464E-05
0.00015638	0.00016085	0.00016532	0.00016979	0.00017426	0.00017872	0.00018468	0.00018915
0.01121575	0.01098553	0.01135729	0.01052083	0.00914	0.01019686	0.0103137	0.01026856
0.00155241	0.00148814	0.00179774	0.00222848	0.00233849	0.00289208	0.00344606	0.00346393
0.1390078	0.13469099	0.13053827	0.14986257	0.15627398	0.1739713	0.1668263	0.17431879
0.00011073	0.00012103	0.00012554	0.00013069	0.00013648	0.00014163	0.00014743	0.00015322
0.01121415	0.01166299	0.01213832	0.01261365	0.01308898	0.0135657	0.01404382	0.01435885
9.4787E-05	0.00010036	0.00010315	0.00010873	0.00011291	0.00011709	0.00012127	0.00012685
0.01150434	0.02105758	0.02946203	0.02896812	0.02694468	0.0215037	0.01445883	0.01173967
0.12033951	0.08179397	0.1104682	0.13209241	0.10412297	0.03619626	0.04888887	0.03502161
0.04556821	0.04817039	0.05029877	0.05285853	0.05098116	0.04396102	0.04307758	0.05507584
0.00124809	0.00125256	0.00125703	0.00126448	0.00127043	0.00127788	0.00128533	0.00129128
0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.01365008	0.01389881	0.0141386	0.01437839	0.01461669	0.01485201	0.01508584	0.01531371
0.00800114	0.00825066	0.00851968	0.00879289	0.00907168	0.00935743	0.00994567	0.01954844

11.81819	10.8789471	10.2811757	10.7111185	10.0065423	10.3656137	10.8324851	10.2978852
639.44535	639.893354	634.938543	555.023231	595.999478	581.463373	610.085421	540.273984
191.744806	188.27741	195.921154	199.681193	192.232546	167.973955	183.181097	176.890213
492.750772	482.2113	465.764231	466.569401	447.731193	371.756071	399.581033	398.800856
1300.22215	1294.29152	1308.29599	1329.7515	1255.91243	1159.13743	1187.92551	1175.0577
244.369408	244.434304	249.330665	256.882229	244.851994	208.03776	221.445074	221.30719
824.601894	822.892184	834.732331	843.302711	826.596359	800.080376	793.702903	787.925571
6.58009462	6.2029805	6.70825283	6.67904112	6.46792328	6.72223239	7.03310462	7.2814144

117.373339	106.676521	110.529611	113.645125	111.196211	121.927653	122.225544	130.654267
3252.749	3273.22079	3251.99948	3252.48805	3324.80858	3263.23581	3333.7345	3265.96461
2133.3013	2200.26196	2256.78526	2295.66114	2293.44505	2277.31877	2397.19566	2413.00923
4508.7587	4925.62699	5167.71948	5440.97634	5556.52985	5545.07918	6089.33619	6316.52584
10651.6244	10999.0489	11429.0083	11922.1916	11922.3112	11736.1042	12522.038	13125.5374
1900.87336	2015.16403	2171.95604	2322.39814	2332.86367	2327.13754	2503.61603	2655.17155
6369.25153	6510.4637	6662.11156	6869.99457	6874.2039	6734.50045	7019.79476	7136.25502
14.8148239	14.0803145	14.9851644	15.1597393	15.8909153	15.3742977	15.7013656	16.4562437

2012	2013	2014	2015	2016	2017	2018	2019
0.06285713	0.05515713	0.08449046	0.11696665	0.16300949	0.31129994	0.16133331	0.15127616
0.0541619	0.03399524	0.05348095	0.05651904	0.04740476	0.0541619	0.0464619	0.06641904
0.92468084	1.00000463	1.1466189	0.89225704	1.3857903	1.27840935	1.59211883	1.70306166
0.01885714	0.03284286	0.0352	0.03394286	0.03944286	0.05248571	0.05107143	0.06102381
1.85093313	2.12886642	2.18292357	2.29177119	2.50522353	2.6412044	2.1553712	2.29019976
0.04190476	0.06034285	0.06285714	0.08113809	0.0715	0.06641904	0.05410952	0.05285238
0.06233333	0.05882381	0.10507619	0.10308571	0.09590952	0.13231428	0.16264286	0.24131904
0.04504762	0.04661904	0.04661904	0.04033333	0.04033333	0.04033333	0.04033333	0.04033333
1.79100923	1.83034732	2.13389489	2.05469492	1.96700921	2.03112349	2.14788062	2.19046634
0.69331428	0.60238094	0.87214284	0.69771427	0.90969997	0.84375235	0.75742855	0.84322855
0.01885714	0.01948571	0.011	0.0154	0.0242	0.02938571	0.02341428	0.01733809
0.69823803	0.69980944	0.66942852	0.55350946	0.38657139	0.54743329	0.61647138	0.53711427
7.92790902	8.41478988	8.59608031	7.98002803	9.30966593	9.36581835	9.22821358	9.79314218
3.32021869	3.31739014	3.48663296	3.58767583	3.40633298	3.65519485	3.71511866	4.03479956
0.05981905	0.06013333	0.04609524	0.05358571	0.05819524	0.04897619	0.01545238	0.01398571
0.29705233	0.29762853	0.30092853	0.29736662	0.29008567	0.29160472	0.332619	0.33523805
25.3130915	26.5099961	22.5878159	24.6508393	18.2057831	15.161717	15.3779456	17.131869
0.06877618	0.09779523	0.11591904	0.08181904	0.08841904	0.06610476	0.05285238	0.11942856
0.04887143	0.05557619	0.06102381	0.07977618	0.06757142	0.08323333	0.07013809	0.09810952
0.48619994	0.5278428	0.55188565	0.84694754	0.72191421	0.67927612	0.59358088	0.53009517
0.15064761	0.10193333	0.15970951	0.16667618	0.16515713	0.16054761	0.21973808	0.18967141
0.12697142	0.1316857	0.1646857	0.14362856	0.10675237	0.11445237	0.06097142	0.03567143
0.00675714	0.00314286	0.0055	0.00408571	0.00455714	0.00361429	0.00581429	0.00392857
0.20219046	0.29176188	0.33895711	0.28238568	0.28243806	0.29715712	0.19799998	0.16405713
1.05987609	1.10398085	1.19690463	1.26374273	1.19198084	1.23351896	0.88560469	0.84024279
0.06023809	0.05080952	0.05945238	0.0717619	0.05625714	0.07558571	0.0737	0.1091619
0.17882856	0.13839047	0.19029999	0.16719999	0.18506189	0.16657142	0.18904284	0.18364761
0.08433332	0.10931904	0.19009046	0.21130474	0.17427141	0.17448094	0.25891903	0.20632855
0.27389997	0.30826187	0.35545711	0.35697615	0.542719	0.38887616	0.47834281	0.4255952
2.12064264	2.24923787	2.26495215	2.48411404	2.70139021	2.79368545	2.94868071	2.7369569
1.04033801	1.18396657	1.18066659	1.08166658	1.20004753	1.43256657	1.1069142	1.12964754
0.05992381	0.06914286	0.07542857	0.09428571	0.08171429	0.08171429	0.08569524	0.08538095
0.32476188	0.28065712	0.3397952	0.48504757	0.46482853	0.3356047	0.35184279	0.33722851
2.74706657	2.63989514	2.57661895	2.72066653	2.73423318	2.61469986	2.49165702	2.51281894
1.83490472	1.94228567	1.86161899	1.77519042	1.79823805	1.76995233	1.80819043	1.91661901
0.09994286	0.06914286	0.07689524	0.05641429	0.05767143	0.06484762	0.07186667	0.07249524
0.19380952	0.17730952	0.19663809	0.20150951	0.20559523	0.21109523	0.1875238	0.1919238
0.33083807	0.38835234	0.41124282	0.3428333	0.38358569	0.40259998	0.47881426	0.44225236
0.0942857	0.09271427	0.07857141	0.09585713	0.09899998	0.09051427	0.09019998	0.09129999
0.33471428	0.34099999	0.2975238	0.21057142	0.15242856	0.16814285	0.17076189	0.16699046
5.84105168	5.01641838	5.16072789	5.83869451	5.43640885	5.7917612	6.15722308	5.94282785
25.860158	25.5586531	25.6623674	26.1607198	25.3388104	25.8574342	26.9100292	29.1932099
0.09061904	0.13566666	0.13545713	0.15316189	0.1514857	0.16699046	0.16484284	0.17379998
1.49757121	1.26290456	1.42785217	1.06663318	1.40669026	1.53612357	1.63653784	1.62669022
0.2407952	0.30354757	0.33345709	0.2850571	0.39301422	0.25954758	0.34807139	0.35042853
				0.00020952			
0.03834285	0.03451904	0.04352857	0.0541619	0.08113809	0.06196666	0.0654238	0.04567619
0.89938085	0.92504752	0.8689999	0.95333323	0.88471418	0.88209514	0.8417618	0.8354761
0.02755238	0.02388571	0.02482857	0.02467143	0.02367619	0.02095238	0.02482857	0.02880952

0.72338092	0.72579044	0.66419045	0.63475235	0.68514283	0.66769997	0.63826187	0.61804283
0.18982857	0.10769524	0.20412857	0.22958571	0.29291428	0.27819524	0.31135238	0.22047142
0.10649047	0.19139999	0.14200475	0.09700952	0.15913332	0.1490238	0.14483333	0.18369999
0.10057143	0.08957143	0.08391428	0.03540952	0.02849524	0.13262856	0.11309047	0.14923332
0.14457141	0.35346661	0.35912376	0.43119993	0.4441904	0.42177136	0.3859428	0.3873047
0.00235714	0.00314286	0.00314286	0.00314286	0.00314286	0.00314286	0.00314286	0.00314286
0.05143809	0.05264286	0.0275	0.04640952	0.05149047	0.05395238	0.03305238	0.03231905
0.05594285	0.05468571	0.03142857	0.04478571	0.01340952	0.06290951	0.02650476	0.02440952
0.34592377	0.35456662	0.39165233	0.45346184	0.3065333	0.25519997	0.28757139	0.22633807
0.28547619	0.26819047	0.30726666	0.42638095	0.42800476	0.46519524	0.4345	0.43319047
0.15410476	0.1597619	0.1487619	0.20061905	0.19464762	0.18144762	0.1817619	0.19328571
0.37085714	0.56010951	0.52187141	0.47478094	0.49416189	0.65193331	0.57409522	0.52611427
0.01728571	0.09889524	0.05992381	0.07909524	0.12875238	0.12403809	0.20255713	0.12230952
3.04438076	3.43351885	3.31791409	3.0179808	3.10556167	2.68714264	2.55865218	2.45645696
0.01932857	0.0253	0.02247143	0.02011429	0.02137143	0.02404286	0.01482381	0.02409524
	0.14870951	0.11361427	0.11460951	0.22859045	0.36897139	0.33136188	0.28296187
0.14771427	0.17112854	0.26200949	0.27929521	0.50605234	0.60033803	0.92483803	0.82190947
	0.02241905	0.02179047	0.02304762	0.02299524	0.02283809	0.0299619	0.02037619
1.27390473	1.52789994	1.3658333	1.12676663	1.301719	1.26473805	1.38154757	1.37788089
0.33303804	0.56917133	0.32591423	0.2616952	0.31758566	0.65334752	0.60651895	0.64601419
0.08124285	0.07563809	0.05541904	0.11665237	0.10937142	0.15494284	0.06694285	0.09564761
0.02723809	0.02723809	0.02723809	0.02880952	0.03038095	0.03038095	0.02723809	0.11345714
0.00942857	0.0099	0.00832857	0.00717619	0.00665238	0.00539524	0.00508095	0.00623333
0.10329522	0.17254283	0.1429476	0.17641902	0.17249045	0.1938095	0.22670473	0.23414282
0.68964753	0.63915229	0.71400467	0.77062847	0.70588563	0.81363323	1.01729039	1.02834276
4.28497075	4.79028972	5.00966112	3.99656131	5.50864202	5.15601352	5.22101826	5.19818016
0.59117139	0.74637612	0.69970471	0.91818566	0.79210472	0.90362376	0.69844758	1.14719518
1.03557134	1.23959514	1.57237129	1.37688561	1.4931713	1.50333321	1.39160465	1.23446181
2.11933323	1.9244761	1.73485706	1.82652372	1.963238	2.02263801	1.74323802	1.89776183
0.35357141	0.28484759	0.23508569	0.15803331	0.21397615	0.20082854	0.2965809	0.11701903
0.04138095	0.04138095	0.03352381	0.03980952	0.03352381	0.03677143	0.03378571	0.03650952
0.06018571	0.04363333	0.05468571	0.03341905	0.0484	0.0442619	0.05039047	0.07778571
0.00157143	0.00157143	0.00157143	0.00157143	0.00141429	0.00157143	0.00157143	0.00157143
1.03399996	1.04866663	0.94285711	1.14761424	1.18255233	1.19706186	1.15007615	1.01749997
4.19361903	3.90002379	3.8320857	4.80218093	5.44997616	4.60774282	5.26093327	5.99494754
0.34519043	0.28956187	0.2801333	0.33256662	0.3466571	0.3136571	0.30988567	0.26787615
0.25226665	0.42260949	0.23382856	0.27044284	0.24870473	0.35613806	0.1694	0.24241903
0.11890474	0.16845711	0.19946663	0.1184857	0.30490947	0.06835714	0.13619046	0.18390949
	0.05499999	0.04766666	0.05175238	0.05007618	0.06437618	0.05342856	0.03829047
0.21738095	0.15300476	0.1925	0.23812381	0.17689047	0.26269047	0.23990476	0.18134285
0.0555238	0.06180952	0.06809523	0.07626666	0.0942857	0.06097142	0.10664761	0.09816189
0.00335238	0.00272381	0.00335238	0.00251429	0.00272381	0.00293333	0.00335238	0.00335238
0.01152381	0.00890476	0.02378095	0.02477619	0.01230952	0.02362381	0.01681429	0.0198
0.18102854	0.03017142	0.04022857	0.00062857	0.00062857	0.05819523	0.03535714	0.04200952
2.62512354	2.73763779	2.4453521	2.24792832	2.48725685	2.73219015	2.67320919	2.20172829
0.01162857	0.00597143	0.02278571	0.02058571	0.00874762	0.11267142	0.10214285	0.06463809
0.58142853	0.83694279	0.86679993	0.92399991	0.83568564	0.81441898	0.81604279	0.88549994
0.00942857	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857
0.25352381	0.1498619	0.17165238	0.19763333	0.27898095	0.20721905	0.23932857	0.20774286
2.45430941	2.75974271	2.5177951	2.51538557	3.3062331	2.70207117	2.22985692	2.34713786
0.40239045	0.14624761	0.16353333	0.20308093	0.10319047	0.13938571	0.14341904	0.14750476

0.08595713	0.1682476	0.11963808	0.0876857	0.14745236	0.15991903	0.20224284	0.12194285
2.20293329	2.24379043	2.13384278	2.00561422	2.54566179	2.75576176	2.55807606	3.07748559
0.28353806	0.24540473	0.17888094	0.20475712	0.19915236	0.21104284	0.26960475	0.28338092
6.46951826	6.23621353	6.29723733	6.69103727	6.73032298	6.76662297	6.50728491	6.73870394
1.78011427	1.80436663	1.80923804	1.87953328	1.96789994	1.46148091	1.7917952	1.82416662
0.41689994	0.28039519	0.32916186	0.30171424	0.26211424	0.30234281	0.1052857	0.17364283
2.69814266	2.91892832	2.73056647	3.41136162	3.1425426	3.31545211	3.33823783	2.89624737
0.486619	0.63915232	0.83500467	0.71117613	0.84092372	1.08810939	0.89634278	0.7725666
0.1264476	0.15881902	0.14755712	0.11796189	0.1278095	0.09418094	0.11314284	0.18668568
0.06914286	0.09941904	0.09182381	0.11806667	0.11733333	0.0690381	0.08621905	0.06233333
0.02527109	0.03006285	0.03392545	0.03635185	0.04524994	0.03872108	0.04242438	0.05183597
0.63247326	0.61642878	0.55020553	0.77987678	0.62052612	0.5301274	0.65442293	0.54809885
5.52668062	6.69477512	6.35245661	5.84821893	5.51907525	5.71846715	5.61515691	6.29181752
1.602E-05	1.7201E-05	1.7173E-05	1.7241E-05	1.7556E-05	1.7872E-05	1.7356E-05	1.7002E-05
0.50002672	0.56940236	0.62962539	0.63752384	0.66415923	0.75677852	0.76357734	0.77470779
0.13430822	0.13729301	0.14027753	0.14326232	0.14624683	0.14624683	0.14533354	0.14350405
0.54917192	0.87449659	0.88046585	0.97000475	1.01775883	1.00709809	0.80354569	0.56897775
41.1071048	43.5733271	41.3440908	42.0453674	42.220999	40.3332688	38.6032009	37.5753422
2.04047794	1.98524249	1.81067759	1.74965103	1.74666916	1.78592083	1.62681995	1.99901404
0.01522568	0.0188723	0.02150157	0.02286165	0.0293486	0.02296234	0.026836	0.03159406
19.5754447	19.9509186	20.3959546	21.0261826	20.4088425	21.1945911	21.1249917	19.637582
8.91053011	9.1620156	8.15633239	8.57854891	8.81277371	8.97926795	8.18775827	8.42019338
6.34158228	6.2218478	6.72834997	7.07938727	7.76132104	7.19042671	7.47679854	8.42407818
0.03533073	0.03644687	0.03488959	0.03256558	0.03712589	0.04191204	0.05316702	0.05702971
25.3906254	27.6996333	22.059527	24.8957805	24.7559003	24.5955597	24.3233128	23.8410185
0.5901968	0.27554483	0.20324486	0.09869481	0.13967472	0.14022284	0.17720475	0.40537608
0.23729859	0.26825307	0.25984563	0.307148	0.29567182	0.32746391	0.34301012	0.3524204
10.1518986	9.77205697	10.3774139	10.8205936	12.1259764	12.5796574	13.3803793	13.1960441
1.92638385	1.6612797	1.41600099	1.56616941	1.59695049	1.63862743	1.47559602	1.43702393
0.23675131	0.25813747	0.25449436	0.27902992	0.26279017	0.22271562	0.25979884	0.25216898
0.06846343	0.07943233	0.08733721	0.0879919	0.11605379	0.11387789	0.14041325	0.16455335
1.49236765	1.20996311	1.18676981	1.24616495	1.3652742	1.07343656	0.92966786	0.77584742
7.62328091	7.37421115	6.97318271	6.56165019	6.90479574	7.19553819	7.34742422	6.82158794
0.01078034	0.01474951	0.01548657	0.01928948	0.02412646	0.02341138	0.02235173	0.02484023
0.01194428	0.01438915	0.0209016	0.01810201	0.02904123	0.02364032	0.02838788	0.0332702
2.08172042	2.13403358	2.20378035	2.22564475	2.24968893	2.27511413	2.44957177	2.57661539
37.5689945	37.9062015	38.6752126	38.5519226	38.3661524	39.6912931	39.2019407	39.4822874
0.03655729	0.04570785	0.04449657	0.04908413	0.06282243	0.04914502	0.05911235	0.06919364
0.09939955	0.14894595	0.17553383	0.1234172	0.12187468	0.16914878	0.20904619	0.16546882
0.03820245	0.05483998	0.05831891	0.07893495	0.08846345	0.08903983	0.09468947	0.09894529
0.20690634	0.20675517	0.22836565	0.15093787	0.13202931	0.12838887	0.13754104	0.12799665
0.02160184	0.01321502	0.01519048	0.01998482	0.02202759	0.02195358	0.02168565	0.02238406
82.9523071	86.5367447	91.3730621	88.0954859	85.8388888	90.6755071	96.6248748	94.3533489
14.6587438	15.5184432	12.1610285	13.0437455	13.5560629	12.9907918	11.9197368	11.9317986
6.24777739	6.06327772	5.42900497	5.51242687	6.72765375	7.85994284	8.05706308	7.79061867
643.153963	675.050288	683.972619	716.876337	724.941329	723.364093	665.882863	619.64577
0.85404655	1.09279142	1.08194362	1.10648951	1.21528517	1.38806434	1.30665599	1.36368939
0.42605576	0.45324667	0.48640632	0.56149421	0.56795724	0.61630228	0.65032924	0.6691515
0.02834297	0.03149235	0.00944755	0.00629847	0.00314908	0.00220445	0.00409703	0.00017641
0.08387683	0.09001045	0.08686136	0.08265917	0.09210673	0.07940827	0.07987245	0.08097536
0.00896059	0.01217648	0.01451825	0.01507592	0.01674884	0.01645717	0.01574968	0.01686181

8.59043993	11.4143123	11.9653496	10.8820459	11.0378525	9.44547629	9.99601935	7.80586309
0.01478951	0.01655963	0.01542299	0.01525572	0.01823306	0.02247139	0.02333432	0.02537462
0.07684434	0.06997518	0.07802403	0.0710857	0.07614974	0.07700325	0.07366479	0.07428606
0.41481888	0.43014521	0.46111153	0.47636208	0.456465	0.48337145	0.47461537	0.48918406
3.76626028	3.73003582	3.62666673	3.6616984	3.19174597	3.43686078	3.24179679	3.09707914
0.01283963	0.0157559	0.0178218	0.01969211	0.02450951	0.02327774	0.02456277	0.03500933
0.60929933	0.53609572	0.48663531	0.54067423	0.54002512	0.54793148	0.4775841	0.55437758
13.2433409	13.3054671	11.6937426	12.0281085	12.5522811	12.8570599	12.0060792	11.4382589
137.219565	147.742446	127.038187	130.719749	134.299267	132.423385	128.144352	130.078611
0.08172079	0.07882806	0.08331315	0.0688587	0.0634835	0.05302298	0.05287663	0.04872234
0.00357016	0.00426991	0.00504829	0.00559061	0.00712496	0.00562588	0.00669651	0.00768194
4.99299129	4.98154714	4.23484233	4.37531933	4.41901642	4.3390286	4.24727531	4.09744363
1.43276433	1.48113144	1.51060346	1.68178664	1.77084961	1.73282976	1.77060685	1.87485308
20.3290674	22.6019876	21.5742714	23.5099992	23.9482885	25.7310954	30.5383696	32.7834741
6.94742555	7.01182035	6.9082556	6.59606178	6.88936966	7.18892549	6.59732404	6.61904742
22.4450128	18.2365228	18.759277	19.168863	19.69892	19.6411688	19.6384848	18.8823037
0.05873421	0.0556226	0.05247352	0.04617504	0.04617504	0.05095815	0.04880627	0.04923765
0.04164326	0.0387811	0.03556659	0.03387852	0.02902478	0.02595976	0.0272924	0.02818198
32.3597713	32.056834	30.0600767	30.9751909	30.8558336	31.1317171	32.9704224	31.2191162
0.69250618	0.68911926	0.76853889	0.77117593	0.77869338	0.75324174	0.74761557	0.70318176
1.55189696	1.6452087	1.88615055	1.8150232	1.73713072	1.47739726	1.5857855	1.74621806
4.73241595	4.32095435	4.21076414	4.17943211	4.29670554	4.17742215	3.93342607	4.0083902
0.10410799	0.152576	0.19453466	0.23137058	0.237743	0.24160156	0.24005947	0.2570889
0.00090567	0.00112258	0.00125085	0.00136245	0.00179053	0.0014172	0.00168285	0.00197228
89.2200551	92.3107594	76.7170317	79.5330257	79.0161187	78.5813112	74.5580301	72.9018448
0.35357374	0.38194331	0.36591411	0.35634768	0.3593322	0.21990235	0.22047041	0.22047041
94.7520872	96.0198335	81.5684731	85.693195	92.7953134	90.3558184	91.9568093	89.1244246
1.74527738	1.45202295	1.68237503	1.84354477	2.05802098	2.27742137	2.21328657	2.49130041
1.20402998	1.0933486	0.87004765	0.97550756	0.97168794	1.12989656	1.13611547	1.16622478
0.24403582	0.20256113	0.22217966	0.22688406	0.25106705	0.23691179	0.22489868	0.22679542
0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961
0.04529719	0.04235143	0.04840141	0.04542088	0.046756	0.04505049	0.04321881	0.0444714
0.03254399	0.03117914	0.0340309	0.03225871	0.03438963	0.0262417	0.02508816	0.02529975
0.12483884	0.12798766	0.12798766	0.12815251	0.125168	0.12312895	0.1135965	0.10334861
8.90647726	5.40480014	5.27104208	6.98649559	6.38537245	6.24616689	5.49097336	6.00585247
0.00639408	0.00892407	0.00845249	0.00919374	0.01188097	0.01060287	0.01190089	0.01394182
0.30725847	0.31361625	0.28477527	0.28156671	0.28778094	0.29536916	0.29404343	0.30319441
0.76369189	0.75574733	0.82354929	0.89900964	0.96815004	0.93670746	0.97582929	1.03265281
0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185
0.36622392	0.34729804	0.37873613	0.37237673	0.3782017	0.41144991	0.41298419	0.42590778
1.62844312	1.61508351	1.61398722	1.57846421	1.60475093	1.59987328	1.67661924	1.55729655
0.27029982	0.27793704	0.83301021	0.4059165	0.40023248	0.69626499	0.54790887	0.57974932
2.94710952	2.79321704	2.53683186	2.72735112	2.79381901	2.82469532	2.7492943	2.66108587
0.19327672	0.33068985	0.16575665	0.26521495	0.26836403	0.27067679	0.27469066	0.27375014
11.4247544	11.342666	10.4674847	11.263487	11.8264326	12.0822397	11.525722	11.266715
33.5525341	33.6079116	33.0418704	29.8407077	29.7682223	30.7103331	30.0968025	28.5786745
162.888779	159.47333	167.841396	172.158496	178.084627	183.211744	190.048571	192.343218
9.02517973	8.89309432	7.89838001	8.42241222	8.66484544	8.29684481	8.93600151	8.66023668
125.485717	135.34507	133.901237	135.86909	144.101136	136.798836	133.603377	159.45924
12.0738742	12.0735564	8.88462424	7.20969856	8.05378903	8.97676712	9.30596259	9.40197214
0.56125847	0.66445783	0.62707464	0.68394342	0.56146274	0.55905961	0.57669315	0.54037917

4.27985468	1.05084779	1.10813361	1.74020321	1.71002045	1.74203713	1.69338654	1.71485852
76.819108	76.1500339	64.8993879	70.9112937	71.1040443	70.7581398	71.2987287	68.7628204
0.49910302	0.33772021	0.28494533	0.33411398	0.35309296	0.37917978	0.41504156	0.39058413
2.37292687	1.77016232	2.06050802	2.3300172	2.45966868	3.11820917	2.82672381	2.86928278
137.860004	141.777677	135.320218	131.963986	129.195961	133.464285	125.665346	124.706235
24.4533535	23.3359546	30.1035439	31.6171455	33.1407885	37.204815	38.4382515	37.5784788
1.54130595	1.54205464	1.75758534	2.06447859	2.09002887	2.42855482	2.12924321	1.91649058
2.22345111	2.40363198	2.19892444	2.39366049	3.14202558	4.61702529	6.19527018	4.94835989
0.32418301	0.502767	0.7008414	0.90580479	1.03910958	1.10640952	0.92175306	1.15676694
0.00507857	0.00703738	0.00793444	0.00935941	0.01073695	0.01125866	0.01082547	0.01152746
0.00537698	0.00663034	0.00748445	0.00800896	0.01040061	0.00862231	0.00990737	0.0116113
60.7532799	60.7112876	54.4146096	56.0297665	58.2358209	59.581417	58.4547587	54.9913138
0.56602621	0.52623837	0.64144295	0.64658911	0.80125213	0.89019933	1.00976284	0.91274625
0.00933399	0.00933399	0.00933399	0.00933399	0.02177932	0.03885613	0.0396154	0.0705982
0.70138816	0.77600384	0.71884806	0.81289376	0.84712015	0.78180837	0.7504614	0.71144916
0.0950739	0.07965563	0.10839949	0.10055791	0.11731962	0.09600247	0.10387767	0.10475375
2.1026924	1.87448927	1.60661896	1.1626995	1.18707045	1.2352259	1.18286219	1.09425496
0.00979826	0.01211528	0.01364134	0.01430328	0.01826821	0.0162424	0.01701153	0.02897287
1.05572746	0.92081139	0.90852884	1.04090541	1.32596086	1.43894611	1.67109257	1.70063425
0.05884609	0.05523615	0.06001134	0.05328877	0.0599475	0.06204345	0.05775495	0.05883608
1.29939113	1.28612115	1.20526538	1.10059688	1.23142135	1.31933907	1.36112527	1.29664338
1.5258342	1.55114918	1.39290848	1.60739232	1.67839776	1.72192815	1.65596008	1.65798702
1.22424772	1.18246903	1.20784446	1.17968374	1.20244026	1.24940379	1.27907448	1.26345958
0.14164012	0.19302726	0.22453228	0.38810261	0.4088452	0.36119158	0.30716093	0.32586791
8.21720291	8.46181682	8.81592958	9.09707428	9.50335969	9.83910756	10.0698764	10.5585726
1.42662719	1.37821855	1.27833807	1.23633162	1.31329173	1.4977815	1.52271996	1.64423309
0.13576823	0.1047024	0.09519737	0.0981189	0.14013838	0.21391997	0.21162476	0.34089102
0.13144479	0.1901859	0.28756239	0.238992	0.27481658	0.26224562	0.28633454	0.34049112
33.131558	31.6853014	31.8773263	32.2851374	31.6195132	31.562481	31.2683693	29.7562567
0.37902648	0.27891971	0.25551306	0.29064665	0.3000119	0.2865464	0.26759017	0.26202741
0.2291532	0.22975787	0.2555038	0.28315227	0.373492	0.39062348	0.39448602	0.42954503
0.124466	0.133754	0.1404103	0.1588141	0.1470538	0.14918713	0.13070573	0.14536044
1.75603996	2.35682255	2.91059729	3.27088237	5.20262529	7.00856504	7.0650152	7.2282998
2.51057775	3.02285545	2.39621569	1.91192216	3.06148676	2.62740888	3.4477963	3.81013982
0.10031264	0.12235058	0.16777757	0.30705386	0.2974784	0.22107663	0.09412768	0.1204608
0.22514654	0.18797432	0.23362569	0.21256268	0.20212077	0.29360714	0.29627056	0.31407241
0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729
0.17654097	0.18251023	0.19146412	0.19743338	0.20041801	0.19674876	0.20359608	0.21980111
0.18629483	0.17704299	0.15696294	0.14416993	0.15220957	0.16055223	0.1853523	0.19736854
7.53791538	7.66562533	7.23290356	6.66351714	5.32778661	8.40734754	6.37113445	6.04102595
1.16841328	1.27159561	1.34850009	1.40520791	1.44332391	1.38998356	1.40416291	1.38688082
0.20417624	0.3081794	0.40692495	0.4230682	0.45926402	0.39596965	0.40578652	0.43091223
0.09703924	0.04808326	0.05405252	0.05985719	0.07179571	0.10060738	0.11867975	0.12149979
5.74500604	6.89655728	8.07767937	6.89655728	2.50557907	2.64361369	2.70194529	3.34383781
0.47777594	0.50761408	0.52582549	0.59280234	0.63237825	0.6696293	0.64029278	0.64607867
36.0692465	37.2773192	29.5423043	31.3702244	32.0401801	31.2732957	31.3482582	30.0500972
2.55884597	2.54363717	2.38192712	2.34553228	2.65742886	2.70053571	2.67979313	2.47486878
1.06401456	1.14459601	1.31060643	1.14334346	1.69756557	2.01256638	2.19078423	2.25757186
3.19318547	3.08109188	3.19481531	3.15801669	3.03611993	3.12142128	2.87487264	2.95500312
11.8861572	12.2958504	12.3273994	13.9161733	14.3961982	13.5252074	17.5015966	18.4793507
19.6645422	18.6478423	19.3927957	20.1057924	21.2861595	21.0773067	21.8098035	22.351881



0.49724156	0.55083166	0.68418705	0.57453727	0.59194462	0.60793245	0.66279648	0.76686864
3.21928274	3.73742487	3.71725635	3.82329142	3.63268361	3.73431912	4.30954637	4.30349832
5.90037086	6.35047719	7.18539661	7.08170069	8.62104276	10.199203	10.6771841	11.3243315
0.21996069	0.08552061	0.08896882	0.08514756	0.0815155	0.08521769	0.08767885	0.0903769
0.34670773	0.48108329	0.5859355	0.78007184	0.91807885	0.84094704	0.80212349	0.86459773
57.7103232	55.6464157	51.320863	50.5970225	54.0311476	54.2143504	52.1740291	46.7198194
0.29004944	0.33197744	0.29567608	0.31635449	0.31592364	0.5541335	0.60640327	0.63137961
7.9243951	5.35016324	6.11387737	3.9201806	4.01688554	13.0269626	11.28759	12.8408463
4.02215907	3.96559716	3.96587675	4.01658002	3.89843933	3.92977713	4.04933645	4.06505299
0.208283	0.21406864	0.208283	0.21406864	0.21117614	0.2147266	0.23101902	0.23370392
0.08420708	0.11648585	0.12877452	0.15123699	0.15965875	0.14354445	0.14112524	0.14925494
0.34024782	0.3581556	0.37606338	0.39397116	0.40590968	0.39983315	0.40477262	0.40755722
0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497
10.3569259	9.88000865	9.42480028	9.82375901	9.87746537	10.608697	11.1743058	11.2109921
136.581931	136.582495	155.808668	164.015259	170.441605	193.035724	232.9426	234.35706
0.1122322	0.10921771	0.10004995	0.09711504	0.10342959	0.10502664	0.12235259	0.1240762
4.62658126	4.28217467	4.15778574	4.62381576	4.86124743	4.90583949	5.07523008	4.85938473
3.56281559	3.11037213	2.64532157	2.78053868	3.4258612	3.36375152	2.94769073	2.93912726
1.52239359	1.62413949	1.58634018	1.64736295	1.62820243	1.63923306	1.5307398	1.94271317
0.32803033	0.33716103	0.35805344	0.38193048	0.42048899	0.33993378	0.52384834	0.51538547
0.62333854	0.64470153	0.60067326	0.61062551	0.61055214	0.59817133	0.59989048	0.58447365
2.4168E-06	2.9489E-06	2.9439E-06	2.9672E-06	3.0992E-06	3.2312E-06	3.3974E-06	3.3776E-06
0.03386068	0.0460552	0.04900509	0.05011622	0.05119751	0.04751277	0.04755534	0.04953689
0.08648825	0.09590853	0.10898077	0.08023906	0.08386092	0.07844355	0.07407629	0.06801464
0.61654273	0.68321924	0.648426	0.66033445	0.48773336	0.37030543	0.64345469	0.90693447
0.07704139	0.07208062	0.07491697	0.07117615	0.07395544	0.06974787	0.06680332	0.06725626
0.00191551	0.00243086	0.00286431	0.00298694	0.00383344	0.00311003	0.00383372	0.00388385
0.01361798	0.01274111	0.01324247	0.0126285	0.01340334	0.01290627	0.0121137	0.01334381
0.47850119	0.37540339	0.41990481	0.42234459	0.61309059	0.53155447	0.47172425	0.56578895
4.99074891	5.63981185	4.5552719	4.5962442	4.44449734	4.8001077	4.5109975	4.50132477
1.58526755	1.45431807	1.22948309	1.3234773	1.38364802	1.26869314	1.20595837	1.17964137
3.46246191	3.28145371	3.05300009	2.88512407	2.76177781	2.58656439	2.45558945	2.51408803
0.10640337	0.12032249	0.13008909	0.13907479	0.19732323	0.14680136	0.14680136	0.108823
0.09116814	0.07682574	0.09345281	0.08880581	0.10100434	0.10006073	0.08467167	0.08570987
6.3742227	3.91949851	3.64511887	3.40865815	3.00066955	2.95047686	3.85733334	3.37732404
0.0039127	0.00489022	0.00585427	0.00629276	0.00822787	0.00733443	0.00834505	0.01008021
0.09155113	0.08875165	0.09600233	0.08924528	0.08972661	0.13256057	0.13708403	0.14374939
0.20039795	0.21597946	0.21663782	0.08023382	0.24763625	0.06100932	0.10808303	0.09515697
21.2303247	19.6191235	18.976283	18.5931172	15.8268889	14.9221464	15.6432467	15.6914249
1.86417686	1.96546233	2.21793015	2.53348695	2.27377818	1.90726333	1.91516334	2.08346231
27.091738	25.5333609	24.5958691	25.0967703	24.8624041	25.0002751	24.9493395	25.4268582
0.02661128	0.05447826	0.07052132	0.07759852	0.08143336	0.07666605	0.07417292	0.07905608
0.01077323	0.01401145	0.01728498	0.02028521	0.02271357	0.02528523	0.02116206	0.02606301
0.32913118	0.40639416	0.3950167	0.41660843	0.37858369	0.37904449	0.37557421	0.36567101
3.36759452	3.55296503	3.65149245	3.81322304	3.8019714	4.07916366	4.18401021	4.19973546
66.3698397	60.4970415	59.6453009	62.0241233	62.1320614	68.4836146	59.5987814	66.510726
11.2064383	11.2274611	11.318485	11.346806	11.1426524	10.9580857	10.8959441	10.9116625
0.37803046	0.402318	0.34884057	0.37691368	0.50646421	0.51486734	0.61115875	0.67384108
0.38618613	0.38209534	0.36222082	0.48964174	0.52429611	0.54369685	0.58827765	0.604794
41.8268047	41.5272498	35.6944371	28.0309806	30.3988585	28.1143293	30.0173943	25.3193388
1.00274297	1.03033366	0.96143175	0.92378985	1.00230474	0.95360072	0.92965616	0.88941794

506.638817	578.15981	593.271022	560.663773	542.719544	543.363179	596.926778	589.779409
38.8252343	38.2912786	33.3767138	29.701854	33.5169451	35.418622	28.0476894	27.5524052
0.00586387	0.00596701	0.00706721	0.00744942	0.00940355	0.00902861	0.00924348	0.0094023
6.4450919	6.83919333	6.96957946	5.89269217	5.46048292	5.25860169	5.00120725	2.97955433
0.00383789	0.00475708	0.00538879	0.00563829	0.00720222	0.0055624	0.00786933	0.00736061
11.3490703	12.1843565	11.8554183	14.7209117	14.2504821	15.1296483	15.0612256	15.1042762
0.01343799	0.01768593	0.02294155	0.02392228	0.02625623	0.02710478	0.03335979	0.03400344
0.02445179	0.03271228	0.03756693	0.04951781	0.05618694	0.05168002	0.04821132	0.05551215
3.02461532	4.56307134	4.93569762	2.52438487	1.84466871	1.82801958	2.75633329	2.74916551
33.2635099	34.2655615	34.4871097	31.4481864	28.3883212	42.6490278	33.032958	24.3887808
0.2390843	0.37541977	0.27994591	0.27811466	0.27305914	0.37881386	0.43640802	0.31942226
1.61416747	1.06237498	1.02760409	1.27469434	1.20955865	1.32497268	1.3543538	1.17855673
5.3599E-05							
0.03059606	0.03014798	0.17943159	0.38030457	0.41490428	0.28942885	0.20702824	0.20942826
6.63012149	6.57711257	7.2072034	8.54420135	9.07347938	8.52753351	6.54729107	5.71006294
0.00036064	0.00038721	0.00038659	0.00038811				
0.09601375	0.04822668	0.13200832	0.11680009	0.16752837	0.26937812	0.16221288	0.20577421
2.52657848	2.20478251	2.78603082	3.03567925	2.21059127	1.37327648	0.70951497	
4.48647628	5.06566833	4.57338605	4.91466739	4.65707379	4.91973079	5.50520521	4.85834017
21.7449806	20.8364576	21.7875184	22.6358253	22.0605014	22.3420259	23.1074963	25.0497543
		0.29123153	0.28552701	0.29123554	0.30568438	0.25237638	0.23305566
2.3791E-08							
34.8488359	36.4190502	36.1809065	34.6788711	37.1714352	40.9284825	43.0670655	47.2131546
7.5714214	7.4401315	7.46711915	6.71251479	6.29042187	6.45971099	5.60636011	6.48317902
4.55240201	4.62656329	4.36309176	4.41423389	3.78663887	3.73180673	3.28414571	3.71653471
6.39866924	6.16149671	6.28457543	6.31896138	6.34586088	6.58788632	6.68912704	7.09298226
			0.00320852	0.0449193	0.00146497		0.00432895
1.25322233	0.43537421	1.28663398	1.32142127	1.28610114	1.30080074	1.28898915	1.31482571
1.36887847	1.38452419	1.41856422	1.56534413	1.44417389	1.51383809	1.7768583	2.2139464
3.97393923	3.87373827	3.80198563	4.20714872	4.1287876	4.15818076	4.05864398	4.09614566
1.0698E-07					8.1953E-08	1.7957E-05	1.1853E-05
1.00988115	1.33717047	1.28628095	1.22819031	1.15790898	1.19565153	1.24973593	1.09681906
3.926886	4.00883145	3.95764417	3.90192007	3.5475253	3.17904824	3.29195487	3.2671338
0.0002738	0.00019153	0.00018569	0.00016207	0.0001459	0.00056242	0.00036175	0.00033493
1.8664E-08							
1.15061303	1.20556089	1.24773312	1.145415	1.19089354	1.12915703	1.08658087	1.03994403
36.586555	38.4416382	38.0716764	36.4103504	32.676756	35.8818507	33.7537718	31.3519038
0.00125515	0.00141332	0.0006804	0.00062513	0.00061596	0.00111781	0.00106235	0.0010406
2.64078262	3.02709498	3.32003625	2.99202711	3.41726908	3.17973959	2.87967959	2.20289411
0.00152015	0.00127835	0.00132489	0.00136007	0.00182239	0.00251784	0.00258507	0.00269935
0.01299395	0.01321479	0.01512281	0.01841767	0.01658032	0.01960698	0.02192729	0.01864638
113.102581	117.340258	120.199291	122.033658	120.221546	130.180572	145.450805	144.821279
0.77736986	0.92558386	0.95875538	0.45626175	0.40099041	0.39182047	0.40703343	0.37129086
3.50248055	3.67884372	3.41044448	2.67427654	2.38921568	2.342305	2.51375351	2.70019275
568.754882	599.889333	570.740112	608.373867	553.096779	616.751739	632.96146	718.42573
0.37861496	0.32525203	0.33033583	0.31283406	0.28588665	0.26652561	0.38235998	0.4116161
2.08810214	1.88864327	2.02735954	2.32202416	2.29397419	2.20792097	2.24356137	2.12877044
0.42109868	0.38321112	0.43075579	0.40912343	0.40545494	0.3614909	0.30413063	0.38797375

2.18630505	2.82291169	2.49120986	2.32651659	2.21818864	2.25057886	3.13173345	3.31327653
2.4682E-09	3.0485E-09	2.7912E-09	1.3978E-09	3.0524E-09	3.4232E-09	3.1723E-09	3.1098E-09
10.2944396	8.65998556	7.24881505	7.0643326	7.92149032	7.64578626	7.75247002	7.6404359
0.03422639	0.03111478	0.03111478	0.03111478	0.00783516	0.00690785	0.00084386	0.00976362
0.95922335	0.7769977	0.94943626	1.01681381	0.60264062	0.71805956	0.94240317	0.30757678
2.0063E-08		0.00629847					
7.14903588	6.72273098	7.06869078	7.23758643	7.0094325	6.74247769	6.89653875	6.3785458
34.1017452	33.9808119	34.2188324	34.7901876	34.2896584	34.0929878	31.3739374	30.9777179
5.5786E-09							
2.44404069	2.35605197	2.33240045	2.44790785	2.29545204	2.35911854	2.21566415	2.10512364
0.16689691	0.17168052	0.17412118	0.15929729	0.20460626	0.15509946	0.21644563	0.19850918
30.8831776	33.5747164	35.8604895	34.9576135	32.0238968	33.2781984	31.9099036	33.7069139
4.02027458	3.98248181	4.51683386	4.51009915	4.51828686	4.3660866	4.04235011	4.15048328
19.743687	17.8214232	17.4716672	16.534571	20.3426128	19.4784816	19.4772023	20.9473555
21.7067467	19.2397017	19.3888293	23.3313559	24.0310446	22.1898045	22.141912	21.1191377
3.38088787	3.63675322	4.30568014	5.44785768	4.02185686	4.33516002	6.52779751	4.58029537
			0.00012556	6.7607E-05	0.00311364	0.0080693	7.8618E-05
4.19261157	4.28580968	4.09368349	4.12334935	3.88065641	3.81916794	3.73709076	3.5824895
2.8677E-08	3.8199E-08	3.74E-08	2.1453E-08	4.3328E-08	5.0254E-08	4.8353E-08	4.7415E-08
1.4152E-09							
19.1366681	18.0087079	15.632739	16.4110585	15.0402442	19.4486837	24.7831741	22.6989926
2.72564517	2.77327774	2.99131089	3.15161829	3.02744608	3.24460935	2.93519414	3.1189165
34.8071787	35.349208	33.4179768	34.3609004	31.8760158	31.4377627	30.6366395	30.3911817
0.32218315	0.19119893	0.18060806	0.26079811	0.27390803	0.19055551	0.22172673	0.17629335
0.09767913	0.31763613	0.27693267	0.29334395	0.38996341	0.77390789	0.61039785	0.52035505
3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07
2.32429434	2.40065093	2.37570291	2.1631533	1.89791938	1.62048834	1.49629367	1.2822518
3.49114654	4.2820459	4.31085793	4.12752474	4.53634238	4.62259109	4.68996968	4.21485099
9.9912E-09							
	0.00953667	0.00317889	0.00317889	0.00635778	0.0052745	0.00881981	0.00907227
0.12348275	0.14262863	0.17627715	0.18908503	0.24306425	0.28545631	0.27259383	0.30360956
1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07
							0.00027103
0.16053118	0.16263443	0.16054843	0.15767189	0.15965836	0.15777376	0.15890518	0.2926898
1.65305698	1.44750267	1.51375433	1.45293895	1.30113917	1.34572584	1.31101075	1.05871682
0.18199615	0.16256594	0.03129929	0.04388646	0.04388646	0.04689032	0.04758502	0.04793138
2.05871053	2.18631379	2.75189623	2.67316762	2.75310776	3.29744844	3.7926532	3.59491622
35.3594865	34.2647266	34.6837395	33.339696	34.3846359	31.3286546	31.621509	30.2420471
75.0499035	76.315262	80.8626282	83.0635933	87.7163449	94.6352247	97.9229776	104.54099
0.60489198	0.61909758	0.58741863	0.58630139	0.55524423	0.55933255	0.55217444	0.52375266
55.498448	58.382509	61.5381241	62.928253	70.3957509	79.7986371	77.9233988	77.4696012
30.1582717	33.1522384	40.7736793	44.6266432	48.4994909	49.9987661	50.6237381	51.6295036

1.8727499	1.88831119	1.42862797	1.8379473	1.91353954	1.65636698	1.58549022	2.25424866
16.2393338	12.6421428	12.2446546	13.6792315	11.7141549	13.9290047	13.7141882	13.7274382
8.8384E-07	8.396E-07	6.9461E-07	8.9454E-07	8.5192E-07	7.8757E-07	7.731E-07	1.0466E-06
0.59943877	0.52246635	0.57746249	0.59958843	0.61106556	0.56543501	0.50327581	0.49697392
61.2540172	62.386936	61.0944395	59.5141693	57.7828328	54.577653	56.4229532	54.1356729
67.7573329	74.1093373	28.475852	22.5060349	23.151363	22.3537343	20.6790332	17.357886
0.12740335	0.07928066						
0.22441962	0.10553328	0.08557804	0.11231151	0.0257281	0.04632383	0.09710462	0.14415679
					1.3988E-05	2.1594E-05	2.5581E-05
1.3989E-09	1.7619E-09	1.5254E-09	8.6781E-10	1.9568E-09	2.3419E-09	2.1805E-09	2.126E-09
8.4019E-09							
49.0419905	49.1717255	58.4318725	56.4622842	63.7972386	58.2106642	55.305471	57.5079501
15.7017285	16.5488918	15.8009905	16.1757958	16.7250163	15.6943675	16.6386606	17.4848423
0.00248455	0.00262985	0.00277515	0.00259122	0.00488953	0.00492549	0.00568334	0.00569345
15.1048602	11.4709906	7.80363716	6.8788739	5.84306944	9.7152026	11.5485771	12.3842773
1.531E-08							
0.03601842	0.03601845	0.04155962	0.03878901	0.03878904	0.03648381	0.0371348	0.04133509
1.52285766	1.55026017	1.38610293	1.5698344	1.58212177	1.54903775	1.4822625	1.47777526
0	0	0	0	0	0	0	0
0.02827432	0.01539941	0.03291954	0.01893363	0.02554784	0.02847254	0.02990427	0.03563989
3.9015E-08	8.559E-06	0.06114644	0.00467046	0.02327447	0.26776522	0.09700928	0.17239839
1.20410281	1.20134991	1.24632174	0.60275379	0.0155941	0.01447198	0.0150962	0.01352273
0.10484137	0.14822329	0.15320144	0.13200379	0.11589657	0.112707	0.10317284	0.06936222
0.0576084	0.06367215	0.06670472	0.07276847				
3.6206E-08	4.7616E-08	5.5285E-08	2.2159E-08	5.0085E-08	5.4549E-08	5.7674E-08	6.2797E-08
68.7820594	67.2500008	63.7263861	62.2923584	57.1631836	51.0043464	54.4682254	58.7529103
0.07994707	0.03688859	0.00843099	0.00860496	0.00655379	0.00575078	0.0083142	0.00768778
					0.02368823	0.00063505	0.00071135
0.82397408	0.86384972	0.94247099	0.94653337	1.11506412	1.23060939	1.10235846	1.11625137
0.53767102	0.74704801	1.38398566	0.6915666	0.89978066	1.48715657	1.42055503	2.21215983
0.26214263	0.22409039	0.2756214	0.26271651	0.26134514	0.35111977	0.43584911	0.3543832
0.10635131	0.1099848	0.07011399	0.08158296	0.09503376	0.07736777		
3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07
0.00072581	0.00064838	0.0006193	0.00057177	0.00041754	0.00043683	0.00048052	0.00052857
25.6486279	28.1873553	33.0904923	33.5948378	26.9125742	11.067649	20.2872702	18.6870998
5.624E-08	7.7157E-08	7.8233E-08	3.9227E-08	8.37E-08	8.2364E-08	8.1735E-08	7.9474E-08
0.12267954	0.20507674	0.18396897	0.11686943	0.11318054	0.09554349	0.110085	0.07719028
31.9796991	32.0115654	30.946459	29.8015477	27.9596489	29.2627186	27.933411	28.6137747
0.06236426	0.08343407	0.08663302	0.05342622	0.19699881	0.09221072	0.08820192	0.09880866
13.2175994	12.6710433	12.7606408	13.7504353	13.2979988	12.6215833	13.0308091	13.7797544
12.7516269	13.5271164	13.5668392	14.4793614	13.9275174	14.1136173	13.5851152	13.1450198
0.00017867	0.00018808	0.00019748	0.00020689	0.00020689	0.00022545		8.7597E-05
1.91076058	1.80704334	1.94600884	2.13736383	1.99194251	2.15471214	1.97356743	1.93735683
10.7063136	11.7169627	12.182864	12.270369	12.7120747	13.7887372	13.4022079	14.3893504
4.24205406	6.23273381	5.98912307	5.6140094	5.41317892	4.95176334	6.24297319	5.12774341

4.05030216	2.64660953	5.34958831	4.40922611	4.23223179	3.2952644	2.74357556	2.75831025
1.62590312	1.46500688	1.70977011	1.6256137	1.37890559	1.36018628	1.39437722	1.5580931
0.00163951	0.00112908	0.00071904	0.00088909	0.00085117	0.00088983	0.00080188	0.00083607
0.10826539	0.11258544	0.69145202	0.40108082	0.42989626	0.26124352	0.34486718	0.41481819
11.7763209	11.2933695	10.947415	11.8735029	11.2988538	11.3099243	11.2674698	11.5461716
0.01129339	0.01203047	0.01222853	0.01299505	0.0130223	0.00211344	0.00227522	0.00249875
0.35881026	0.37586819	0.37504023	0.37025818	0.4089179	0.35732926	0.30303662	0.32824156
2.10029943	2.97740217	2.21606174	2.64263916	2.77314104	2.6216319	2.35507559	2.20944935

2.3195E-08	2.9164E-08	2.4757E-08	1.4023E-08	2.9097E-08	2.9858E-08	2.8426E-08	2.7527E-08
43.1251873	45.8401951	47.912138	48.3625849	46.7824759	44.3012587	46.5524123	46.6474801

5.022672	4.36912751	4.15716756	3.54963968	3.67505311	3.95580196	3.77754477	3.37067828
169.434658	152.181175	160.907487	187.84757	184.763664	179.642405	167.706459	204.435805
1.0156E-07	1.1383E-07	1.7968E-07	2.6784E-07	1.2276E-06	1.2764E-06	2.1022E-06	2.4679E-06
25.8483531	26.4515324	33.9267381	33.0507207	34.7207237	35.5972769	36.5043272	31.1772012
1.19092497	1.12870239	1.11128855	2.10599224	2.40434641	2.38921766	2.62463489	2.60344028
0.89640143	1.14345247	1.25540102	1.51441427	1.25879041	1.19305279	1.09413559	0.98200404
0.02770774	0.03047829	0.02493693	0.03878952	0.04156009	0.05127209	0.03549776	0.08168305
5.50919412	5.11910071	4.63339652	4.85773179	4.99294684	5.36014665	5.30284386	4.97004713
2.6109E-05	3.1857E-05	3.1803E-05	3.2054E-05	1.5844E-05	1.6483E-05	1.7303E-05	1.7741E-05
9.3269E-09	1.1531E-08	9.4214E-09	4.6468E-09	9.3306E-09	9.8829E-09	9.5787E-09	9.1361E-09

0.03324717

2.9931E-09

0.03096068	0.03454976	0.03163656	0.03412873	0.03143838	0.03189635	0.03290808	0.03415254
5.22236086	5.64094432	5.65552192	6.06075019	6.2025141	6.1219323	5.86383376	4.91685197
0.02117323	0.02290612	0.01888039	0.01957618	0.01491393	0.0153643	0.01624427	0.0158938
3.43393728	2.90884819	3.82437779	3.81669522	3.94890634	3.59689685	1.95179029	2.53870789
0.00140219	0.0024486	0.00217653	0.00201957	0.00186261	0.00135236	0.00135236	0.00122909

2.34931746	1.64619301	1.50231708	1.6898516	1.40544294	3.09490947	2.07151983	2.44836671
6.1138E-09							
0.22764034	0.28483059	0.34203381	0.49847828	0.54799444	0.48196565	0.44133747	0.36224318

23.4804122	26.1323274	22.6050536	20.971721	20.1370449	17.3146105	19.4334248	21.8968633
0.00278911	0.00351041	0.02741973	0.00688198	0.00931355	0.01202257	0.01284927	0.01369704
10.0070397	9.66102933	9.16463325	8.88236725	8.68029197	8.4816719	8.11945503	8.44121532
0.33475031	0.29226161	0.20425877	0.17778549	0.1452985	0.14985748	0.12644894	0.07860997
2.9675E-09	3.508E-09	3.3231E-09	1.8808E-09	4.1395E-09	5.2595E-09	4.2625E-09	4.8068E-09
9.56018515	10.23551	9.73197789	9.51016507	8.87769286	7.55274642	8.86952691	7.75720198
2.17100461	2.02206831	1.86764878	1.57518994	1.3158044	1.22902735	1.12819173	0.98834109
13.5425931	14.4750387	13.4798557	17.1664843	19.1797973	21.3490725	17.8818515	18.786558
20.410747	23.8128102	24.524724	24.3104635	23.8985907	23.6021494	23.3515903	22.626977
0.00241874	0.00663352	0.00398392	0.00278844	0.00270315	0.00543425	0.00610791	0.00692751
27.8568667	24.7768251	15.2204397	19.8218167	10.3157216	16.4516518	19.4278537	17.3757203
0.37689474	0.43086706	0.45113752	0.44866645	0.55938862	0.19652405	0.46198292	0.44102584
284.040958	291.021165	296.875077	300.800387	290.679624	284.263615	302.178263	317.073715
10.5647134	9.3254147	8.08296207	7.22012225	7.36949608	7.6647809	21.0415627	19.7597526

9.1627E-09							
54.9278547	58.6554229	62.278181	58.8360781	57.4327788	50.5391316	48.531679	45.2291916
5.9969E-09							
2.1411774	2.40901224	2.35725578	2.2535715	1.97140862	2.14114731	1.83503985	1.98790137
3.7015E-09	4.4279E-09	4.4106E-09	2.2181E-09	4.7851E-09	5.6379E-09	6.7194E-09	6.2713E-09
6.7352E-09	8.19E-09	7.2224E-09	4.5913E-09	1.024E-08	1.075E-08	9.7109E-09	1.0238E-08
3.84361577	4.4300295	4.31463423	1.77017415	0.79883606	1.08350579	1.47895301	1.92306725
80.5411297	77.2322253	76.613581	77.8869013	77.650468	81.4214512	79.7288758	78.8710694
0.03610125	0.03612054	0.038898	0.03336034	0.03070285	0.03493024	0.03665607	0.03949212
0.27027335	0.27690865	0.31451939	0.31746712	0.28576232	0.21322669	0.24269032	0.24415024
0.01807785	0.01995414	0.02220846	0.02421538	0.02172801	0.03327673	0.02819927	0.0293198
2.70757222	2.65330863	2.74417608	2.16742121	2.10139416	2.56400755	2.19246511	2.1853335
2.21593432	1.62282869	1.45975281	2.20423904	2.47914005	1.36025287	1.9317374	1.50850563
0.00111862	0.00120103	0.00119912	0.00120382	0.0012239	0.00124397	0.00120804	0.00117967
0.64444745	0.58339177	0.91510944	0.67608862	0.60652677	1.09669093	1.27870375	0.91011817
0.54450904	0.54139743	0.53517454	0.53828615	0.53206293	0.52289046	0.51159897	0.49431143
72.028966	75.9215	72.3850843	81.0457832	83.5141242	70.1429914	53.4309705	68.1718816
19.1857434	21.1205255	21.5135438	21.7092004	19.480463	18.9955162	20.7160249	20.5100431
0.66566019	0.65788474	0.57233808	0.41095698	0.40004074	0.45124174	0.47382842	0.43503248
0.01089179	0.01252644	0.01407547	0.01522903	0.01409254	0.01973374	0.01783775	0.01787044
40.9996511	41.0129109	41.0138784	37.6897643	38.2160903	37.721042	39.4341093	39.3348537
11.0350562	10.6514252	10.3139856	10.4191771	10.7093995	10.6353893	10.5431055	10.6506275
2.17908853	2.199629	2.30089167	2.32467875	2.79596624	1.74690658	1.35322151	2.15941966
0.05732097	0.05598328	0.05409715	0.05534037	0.05089838	0.0675622	0.09459098	0.10683712
17.4162117	18.8775736	18.9236887	18.6022469	19.2252735	18.4573672	18.9591798	18.0236245
0.15887968	0.25239829	0.462541	0.39522892	0.39874202	0.32932763	0.11907312	0.49916482
0.38499585	0.41204318	0.40289694	0.52195241	0.40535634	0.5278717	0.61025925	0.66020985
10.2261934	10.7941398	10.5649364	13.4478212	15.3955075	18.1645324	16.8105373	18.157794
3.2713162	3.2805858	3.33957114	3.65452932	3.71212753	4.37158866	4.81731198	4.58195942
1.05352444	1.73917874	2.22893157	2.08766073	2.11876229	1.96095173	2.16628037	2.191129
0.04897578	0.05272301	0.05717316	0.05861484	0.05572644	0.09786548	0.09330346	0.09305209
1.8096586	2.22867864	2.0125693	2.11481345	2.04846225	2.18488861	2.39076292	2.29455381
5.11698415	5.2086786	5.33070914	4.4569042	4.5056761	4.64538201	4.7587719	4.82866771
0.00771179	0.00978995	0.01013791	0.01284948	0.01158499	0.02011964	0.01485709	0.01405029
0.00854442	0.00955076	0.01368272	0.01205846	0.01394495	0.02031639	0.01886928	0.01881851
2.12985925	2.35582204	2.42117937	2.40223232	2.35984369	2.29804183	2.25315274	2.32159705
102.856546	101.576083	98.6277912	94.8113376	85.2562783	91.3318502	88.3582327	84.8071859
0.02596848	0.03016755	0.02900755	0.03255314	0.03006303	0.04191093	0.03910901	0.03900059
0.54283531	0.4169792	0.3384345	0.41456309	0.32370588	0.42437278	0.3737392	0.40426173
0.14986374	0.15978221	0.16434851	0.14589843	0.15517685	0.21103685	0.30189691	0.3094262
0.66302975	0.7467771	0.77869471	0.67593485	0.60994866	0.62255996	0.68576006	0.64628705
0.03504706	0.02029858	0.0235532	0.03396123	0.0301991	0.03538916	0.03858157	0.04193338
67.1006295	65.2006035	64.4651933	65.0169593	69.6468661	70.8781673	70.7646658	70.9946631
5.39271651	5.46040832	5.32479082	5.1044031	5.20101551	5.11090015	4.93704573	4.82122347
11.5871209	12.8489034	13.967655	15.0156047	14.9904675	14.3946293	14.3339085	14.4334288
3042.03356	3068.12305	3094.68631	2995.88089	2859.40277	2696.33026	2790.82416	2795.07399
1.0012317	1.28742019	1.32920287	1.43501795	0.80179241	1.5598787	1.25994243	1.32873386
0.38963496	0.40522984	0.42393662	0.21922823	0.22865997	0.23766418	0.24765467	0.25612579
0.12757074	0.12757074	0.12757074	0.04978378	0.06845246	0.05053041	0.04292606	0.01787538
0.12309423	0.10170257	0.07379631	0.11716305	0.08867402	0.11429795	0.10880955	0.10992493
0.01112508	0.01317475	0.01367582	0.01166946	0.01259977	0.01390261	0.01490906	0.01599246

11.7807121	16.4379087	16.0202453	14.1315568	14.4350333	15.1056796	15.5222652	14.4288162
0.02399467	0.025436	0.02391372	0.02592483	0.02499693	0.03622387	0.04151477	0.04753577
0.12467311	0.10748356	0.12097815	0.12079958	0.10439878	0.12412921	0.13105916	0.13916445
1.10011113	1.05296734	1.04194759	1.02569084	1.2031514	1.27559012	1.19517189	0.96829949
7.23944267	7.26766832	4.57114048	6.46438947	5.16092703	5.67764478	5.93103109	5.0245412
0.00918492	0.01045794	0.01166661	0.01311768	0.01176892	0.02000479	0.01632675	0.01980221
0.46655272	0.53859445	0.68868132	0.61156617	0.60330273	0.62111486	0.55236541	0.56085806
12.5714787	11.7819683	11.5614225	11.7234502	11.4601054	12.2279314	12.4323327	11.7288996
94.2499877	93.8047954	91.2461967	95.1188787	93.2193784	95.1388114	98.3399253	93.4304257
0.13258471	0.1210818	0.12917905	0.11701513	0.08703379	0.08547302	0.09407434	0.09127442
0.00255394	0.00283414	0.00330474	0.00372413	0.00342125	0.00483486	0.00445113	0.00434511
3.67402795	3.44495232	3.44848199	3.38773432	3.51238234	3.75957592	3.74966918	3.64599671
2.56737018	3.18007087	2.88464963	2.96694148	3.23506362	3.24472781	3.18183222	3.96408434
10.0542911	10.0080265	10.2442839	10.8125674	10.8908948	12.0313818	12.746839	13.9341373
3.06190883	3.4899416	3.73055587	3.19106062	2.2063129	2.09659723	3.03565198	2.80305972
28.1887725	31.5857936	28.8163232	28.6058642	31.2326362	37.0587186	40.1354131	31.9400492
0.01915422	0.02236274	0.02236274	0.02236274	0.02236274	0.02147599	0.02222911	0.02222911
0.04039588	0.03834417	0.03949611	0.04302197	0.04340267	0.03880519	0.04079724	0.042127
35.5302153	34.9172214	32.5226886	29.4002704	31.4986728	32.9250295	33.5762038	33.6599599
0.81593741	1.05763609	0.80751314	0.65985417	0.68250847	0.63851802	0.66143812	0.72677347
2.34065169	2.93785704	3.88334473	3.57491382	4.40342334	4.06382149	4.70821205	5.16722085
7.63082152	7.47915544	7.45053154	7.13514976	7.26006712	7.26081622	7.36262962	7.17622125
0.12925963	0.16508704	0.18325012	0.17909385	0.17884914	0.204102	0.22724887	0.24383528
0.00064788	0.00074511	0.00081884	0.00090758	0.00085977	0.00121794	0.00111858	0.00111557
47.7315321	48.8703479	46.2518076	44.6182897	46.2955766	41.3864106	40.3554212	38.4406537
1.10552167	1.22086236	1.19510479	1.16934755	1.18193214	0.49362887	0.49563274	0.5021626
40.2535868	40.9082348	40.5421368	39.2392021	33.2072222	33.691102	33.0216432	32.7208748
1.08241456	1.90380233	1.80192311	1.84136189	1.71011517	1.87827712	1.98419712	1.78729892
1.64356978	1.70128599	1.65156134	1.78633539	1.67776822	1.63149904	1.93972265	2.04005739
0.3959264	0.31113878	0.34449494	0.38555576	0.34420467	0.38190172	0.40012375	0.42486919
0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261
0.07349067	0.06505282	0.07504756	0.07718603	0.06410094	0.07262138	0.07689183	0.08331089
0.05279973	0.04789192	0.05276573	0.05481888	0.04714705	0.04230161	0.04463508	0.04739551
1.20609377	1.24890948	1.24952007	1.05841532	1.2356905	1.15001658	1.10046229	1.12788075
5.82848642	5.62972054	5.98994869	6.29916165	6.47550299	5.26586283	5.07772541	4.59420496
0.00457405	0.00592333	0.00553321	0.00612431	0.00570498	0.00911206	0.00791046	0.00788586
0.03811701	0.03814668	0.02225223	0.01907334	0.02225223	0.02583429	0.03025559	0.03189029
1.67159429	1.71879414	1.81901952	1.98016657	2.03618782	1.9455461	1.94487554	1.76542427
0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023
0.22468235	0.19620246	0.21201349	0.20250877	0.32568532	0.27625072	0.31190833	0.3947234
1.76243992	1.83438152	1.82164238	2.1091982	2.26094038	2.55523245	2.44387542	2.51344716
2.93510274	2.31787509	1.48412355	1.96108306	1.22422203	1.23099708	1.16737365	1.15856581
2.29163457	2.26621329	2.2209759	2.14695011	2.14558457	2.31335459	2.33364888	2.32225175
0.35495239	0.47707067	0.67602916	0.59559212	0.60200917	0.60948182	0.61852584	0.62770096
4.97163668	5.64033899	5.39303092	5.79335786	5.86036454	6.5068174	6.78782259	6.64142174
119.421459	79.3528351	89.4654722	101.293408	85.9517155	91.6144239	112.073495	147.011977
431.065418	468.418763	499.883264	502.718981	523.635419	555.09594	564.678135	548.901254
3.2503565	3.37048783	3.63835993	3.62585817	3.74736364	3.91491839	4.14128977	4.06570769
87.425717	87.3124209	93.0591733	88.4424554	91.8705491	96.5024566	94.0824969	110.365135
14.109304	12.1987008	9.0814346	7.9441862	11.7304663	12.1272591	13.9086318	16.3400974
0.49003521	0.52094985	0.49943617	0.49522755	0.13475088	0.1296343	0.10149119	0.08114712

1.30995502	4.92601193	5.13366593	4.52188852	4.16079372	4.9674385	4.3528919	5.0255891
43.3177697	38.0845057	35.1244727	34.851468	34.6537926	31.9230076	32.2261926	31.1709523
1.8927099	2.50688578	2.32248345	2.09295191	2.21896069	1.80607926	2.81571481	2.32120338
2.17780344	1.90000979	2.3552007	1.83957101	2.15755811	1.64419541	1.62267129	1.57224213
214.685681	215.406822	209.047444	201.279972	194.648448	195.189554	194.31524	186.962013
63.6991059	69.8885635	48.5805081	38.5327619	38.4192224	37.7304576	32.8899677	27.5844286
2.10157595	2.45938372	3.18726135	3.59467675	3.71861329	3.57593264	2.9873832	2.61370058
1.52436361	0.73679632	1.40268349	1.76743312	0.82484656	0.79776808	1.12941377	0.83924093
0.67019013	0.62797733	0.51859026	0.43094038	0.7192491	0.8149753	0.78063228	0.83340293
0.00630532	0.00761433	0.00747404	0.00724462	0.00807717	0.00951104	0.01024767	0.01093313
0.00384646	0.00440087	0.00489951	0.00533508	0.00499414	0.00740998	0.00658538	0.00656766
76.3309706	77.0141911	72.2262819	76.2737981	73.0028658	72.0681015	72.1309717	65.4989545
11.8510997	12.2812122	9.73379262	11.0950025	11.4730769	12.2595117	12.4406869	13.2187363
1.00852922	1.40553823	1.26186981	1.62162672	0.52592252	0.55581341	0.63346939	0.67495979
1.12123581	0.98722145	1.18657666	1.1891947	1.08143057	1.14978978	1.14436263	0.86824417
0.15424895	0.12235298	0.16807603	0.17088323	0.16084134	0.15475595	0.18481177	0.19624136
2.53256707	4.68255545	4.84688212	3.54714434	2.90697078	2.74517892	2.69108275	2.29883051
0.00700925	0.00804149	0.00892997	0.00952797	0.00877199	0.01395864	0.01130748	0.01638783
1.13301254	1.01066379	0.99450952	1.3175217	0.85542703	0.70431671	0.84716102	0.90241462
0.09547255	0.08484405	0.09304903	0.09055636	0.08218605	0.10001402	0.10275351	0.1102211
1.45851145	1.40072609	1.29778167	1.1726271	1.13682862	1.1551874	1.23992894	1.27849732
1.05021958	1.00766802	0.99036109	0.9614466	0.96727926	0.96404843	0.98505937	1.00257473
1.06755738	0.88835873	0.84631501	0.75204418	0.63764595	0.6195898	0.75633847	0.67709534
0.17585411	0.20925959	0.26525985	0.30263219	0.31917206	0.42261057	0.34404501	0.36733782
8.84507694	8.75662168	7.69952818	7.45889854	6.90004784	7.90943217	7.85162542	7.62423257
1.06514259	0.79315313	0.90285355	0.76881301	0.77723662	0.95976909	1.07970742	1.12867906
0.52419699	0.57199458	0.59827802	0.62022947	0.53307395	0.5354227	0.48776992	0.6244247
0.16319605	0.20577805	0.2708765	0.18499084	0.20673827	0.22153857	0.27105172	0.32293619
61.5002847	65.7501484	59.0486565	66.0176688	61.9360177	68.3470599	50.759569	55.885901
1.37034852	1.26136543	1.12999473	1.05895501	1.03049089	0.87167775	0.93558475	1.06830832
0.37178067	0.35291363	0.39616482	0.48117522	0.51204523	0.62968491	0.70184152	0.80469196
0.0277481	0.0534191	0.062604	0.0597014	0.059508	0.05350599	0.04320886	0.04711769
3.640698	3.97007679	4.90886694	5.37047634	3.90644141	8.23074251	8.47928107	8.92613075
2.41457318	2.21445292	1.88968533	1.48869872	1.43126453	1.76980167	1.95571146	2.49279351
0.52218561	0.68570166	0.74274246	0.62517117	0.73390809	0.80056991	0.85221158	0.90556046
0.36528023	0.28873309	0.36224228	0.3612187	0.27710092	0.47329461	0.52710354	0.58837032
0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873
0.33127828	0.31690846	0.33055051	0.33961263	0.32587353	0.32478126	0.32411829	0.33102501
2.55031762	1.84592151	2.00312286	1.75952728	1.71617612	1.99204886	1.8773055	1.91089723
31.9646403	29.0989933	28.6115413	28.8757737	29.6873614	32.490818	35.5258538	35.1895099
0.25830677	0.27177148	0.28523619	0.29870016	0.29870016	0.29505702	0.29815662	0.29566405
1.2101083	1.24320967	1.5700892	1.42732936	1.47633733	1.51806477	2.42901753	2.37317445
0.30336435	0.24997419	0.27894801	0.20194329	0.14098122	0.17083437	0.1442868	0.18259506
10.6912731	12.2643993	13.0556644	13.3639883	13.5128818	12.3114735	13.6115393	13.8477035
0.54366232	0.5119024	0.53379017	0.58367525	0.61188712	0.62912746	0.58825737	0.59691978
22.1590863	21.3758015	21.1189936	21.4147279	23.2648278	23.838778	23.2539967	22.4369301
6.51483937	6.62726303	6.37057313	6.24800441	6.17692336	6.37205212	6.47093209	6.34448994
2.21854175	1.9269495	2.56874479	2.71504427	3.66381585	4.26737751	5.13076713	4.91849954
5.29761402	6.10785016	6.81306461	6.54981433	6.63367358	6.53126881	6.51325899	6.89878333
10.2970499	10.5538544	12.0237456	12.6506366	14.2500087	14.0987676	13.7495349	13.9924245
35.3776268	33.2991269	37.904484	41.376822	46.4760626	52.6044471	53.0706223	45.3768264



2.51753709	2.49030632	2.49498746	2.26698955	1.9654772	1.85348202	1.85953279	1.8723051
7.66269646	8.68538852	8.60825198	8.90029131	7.77776693	7.75645117	8.12371808	8.25158974
10.8347484	12.5161096	13.0331566	13.3577218	15.469939	16.8069329	14.387154	13.3346534
0.07161632	0.0709441	0.08357292	0.07903852	0.07566706	0.07910363	0.0813882	0.08389268
0.55155218	0.64695091	0.64494991	0.7191466	0.80636549	0.77644766	0.89312212	0.9345773
28.8190506	28.5800302	28.7702715	27.37841	28.1289035	30.6417096	31.1399162	30.9023836
0.16214402	0.29511749	0.15784377	0.30471789	0.25987817	0.09091275	0.09186076	0.07228411
26.2556575	17.4228458	19.9757731	12.7145514	12.862717	36.9530661	31.8869605	36.210782
5.59166996	5.38488831	5.57468199	5.54032172	5.33937079	5.6719955	5.52643232	5.44589061
0.25312119	0.11715037	0.17999692	0.32573635	0.1921672	0.18305061	0.21766391	0.19369501
0.10454779	0.1260358	0.12130235	0.11706442	0.12010765	0.12126278	0.13359282	0.1415597
13.4439028	13.1558954	15.402784	16.2237472	17.0733687	17.6639086	17.3727586	18.7707793
0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978
13.2016274	12.3744099	12.5058435	12.4730227	11.7393791	11.8927555	12.5891669	12.897237
226.309024	223.855106	247.030852	249.981539	259.783035	262.092899	250.550055	280.45652
0.10213038	0.10507494	0.1054137	0.1342262	0.1624598	0.19331377	0.30820182	0.28523352
99.7304581	100.206264	115.966979	118.787534	105.162436	97.3615631	95.0010304	94.2742502
5.62869063	4.90379644	4.26579179	4.27111373	4.60741105	4.58924994	4.87027889	4.35325761
1.94834948	1.46875811	1.52262468	1.58013728	1.80195159	1.71607674	1.825306	1.94759177
1.10334315	1.09945645	1.43786377	1.64181065	1.73440415	0.97432286	1.13789914	0.94046861
10.2000262	11.7059495	12.5954047	12.7979566	11.6389598	14.0377593	12.3012592	12.3692301
8.2437E-05	0.00010059	0.00010042	0.00010121	0.00010629	0.00011138	0.0001171	0.00011643
0.04203993	0.04983097	0.04616156	0.03879227	0.03851473	0.04013761	0.04501712	0.04698289
0.14031949	0.14731782	0.16897732	0.13635437	0.11497056	0.12645097	0.13179128	0.12741582
1.29523094	0.84641413	1.0507041	0.94652592	1.19233695	1.28028593	1.40998021	1.60393699
0.12499279	0.11071758	0.11616057	0.12095329	0.10139047	0.11243354	0.11885172	0.1259951
0.00137027	0.00161348	0.00187505	0.00198972	0.00184073	0.00267275	0.00254825	0.00219681
0.02209397	0.01957065	0.02053276	0.02146026	0.01837554	0.0208049	0.02155184	0.02499774
0.07979769	0.06365115	0.07327674	0.07006821	0.11157132	0.09315815	0.0780908	0.10111989
6.87116018	7.02075336	7.22116771	7.09902841	7.30172505	7.75110651	8.37882066	7.45710305
1.62413572	1.61599969	1.62731393	1.5893655	1.62013317	1.73467532	1.8517381	1.85743912
7.89830545	7.42027533	6.97297375	7.17922857	6.83555032	6.90129438	6.90696957	7.0174914
0.12691549	0.11471215	0.12568946	0.22151967	0.31091033	0.28272901	0.28272901	0.25533509
0.1479122	0.11800618	0.14490084	0.15091229	0.13847362	0.16129785	0.15064182	0.16056533
5.01383001	3.234855	3.00337992	2.66552748	2.41014642	2.53351681	3.14227292	2.77490946
0.00279897	0.00324587	0.00383236	0.00419185	0.00395084	0.00630318	0.00554691	0.00570163
0.14853356	0.13632468	0.14885393	0.15165909	0.12301223	0.2136876	0.24389017	0.26929419
0.14643366	0.2654463	0.28887651	0.03140595	0.12027429	0.02800332	0.11356608	0.1563504
48.6958634	50.5650886	50.3994722	57.3267248	51.908996	53.1021741	48.1723812	53.5752605
0.102168	0.071208	0.052632	0.058824	0.74026997	1.17553959	1.582709	1.61533819
1.67737878	1.02782493	0.65520873	0.65520873	0.65520873	0.65520873	0.65520873	0.65520873
0.03303939	0.05894459	0.0664293	0.06006484	0.06126047	0.06476557	0.07021402	0.07498014
0.01337557	0.01516016	0.01628202	0.01570169	0.0170869	0.02136033	0.02003256	0.02471926
3.34760924	3.37788219	3.36369495	2.87231627	2.01368915	2.07038739	1.92502035	2.00273387
4.65941692	4.7854884	5.34512357	5.35107117	5.1936521	5.17555711	4.88867476	4.91968549
54.0920463	46.4784924	47.9816128	50.6113608	51.0559479	68.7882048	72.6929785	67.0847182
42.0482756	43.0872118	39.7854298	38.8131146	39.1546438	37.5975039	34.2809303	33.3809471
0.84118308	0.89241345	1.5197106	2.05831146	1.742844	2.07468172	2.11895641	2.87536913
0.70933292	0.75523901	0.83892314	1.07273921	1.04616428	1.08763889	1.17260544	1.17795636
60.4957429	56.9222807	55.5181818	41.7601845	37.6427111	31.4066012	35.6074121	35.3480414
0.64413454	0.72267968	0.82882376	0.80793035	0.88110768	0.81960357	0.90767159	0.83843372

438.57258	434.886236	437.256257	433.884881	439.023925	429.405435	454.061643	439.052166
14.1161426	12.9531532	11.2199721	9.96602635	10.7277268	11.8622209	11.5887141	13.1771689
0.00419476	0.00396059	0.00462637	0.00496235	0.00451537	0.00775915	0.0061441	0.00531819
36.190639	32.7231408	29.5107384	18.6748303	16.9361519	18.0154287	17.5444311	9.64623816
0.00274546	0.0031575	0.00352764	0.00375589	0.00345835	0.0047803	0.0052307	0.00416336
42.7382668	45.9849686	51.1314885	33.2866418	36.157499	37.9089071	60.0704163	73.9720823
0.01668401	0.01913589	0.02161036	0.01851695	0.01975196	0.02289744	0.03157924	0.0322503
0.03035826	0.03539416	0.0353871	0.03832907	0.04226816	0.04365799	0.04563809	0.05265007
2.27306106	3.41704218	3.38816541	1.2294624	0.89428191	0.83558169	1.27827303	1.28280131
45.5963702	51.6229503	53.3697344	49.2801647	49.0578911	46.1135338	54.2448738	51.9076259
1.49874026	1.42840702	1.48638693	1.54615266	1.53500758	1.61826373	1.50361549	0.98056092
1.9226901	1.01669776	1.0425142	1.0947241	1.23998567	1.23779514	1.54196493	1.61178519
0.19764647	0.2138521	0.22223803	0.23010216	0.24080793	0.22343255	0.22634123	0.26803098
2.18677805	1.99111869	2.05054234	2.27814316	2.25917976	2.38925899	2.21009173	2.0179457
2.47656459	3.8598645	5.51413647	5.91315897	4.00535104	3.87898401	3.45275906	4.46832249
0.00091045	0.00097753	0.00097598	0.0009798	0.00101783	0.00105585	0.00102538	0.00103294
0.92302445	0.81490482	0.77435862	0.5882579	0.65553962	0.56257969	0.49068667	0.54425097
62.2888589	62.5945833	65.623128	69.897596	70.0844353	71.7056111	70.6732851	69.8611426
50.6893569	48.3254525	50.0319504	52.2094614	53.5179508	50.7711754	47.0731495	39.9896489
1.43164398	1.3213232	1.13085333	1.27188366	1.17291155	1.23889155	1.48394342	1.35336101
0.11908083	0.13424815	0.14085194	0.14471106	0.15618532	0.13249978	0.14317458	0.16336508
210.430867	199.554828	189.993133	198.355342	202.719041	199.483699	192.03522	188.069601
14.802761	14.1258013	12.2118784	13.246616	12.7960432	14.2256434	12.9080869	13.0348957
11.7570814	11.6594726	12.2520947	12.4655811	12.4291359	12.2937203	12.3284819	12.3554213
0.0764597	0.0909961	0.08379872	0.08778216	0.09721746	0.1078634	0.14667361	0.14516813
19.4060809	17.6346096	16.4257489	17.2790914	16.0230008	15.8882698	16.120748	16.6045597
0.04161387	0.09154084	0.23697573	0.22013248	0.18837922	0.20326029	0.16702207	0.27267847
0.51354096	0.66974148	0.62410405	0.82793285	0.77424303	0.84274997	0.94627339	0.89707989
29.7690699	33.1666619	35.4259018	37.9502294	42.4055408	44.1976618	46.4936822	47.661615
29.6790725	25.6317259	27.3979986	28.2078659	24.9004622	26.2699572	22.8983371	21.2475166
18.8048996	19.6953349	20.5555838	20.4444866	20.0887406	20.392232	20.3804682	23.0128297
0.53545591	0.56504201	0.57212649	0.55697657	0.61760685	0.65710598	0.74890642	0.85065208
14.7649695	14.5479324	12.2622961	12.1204609	14.2968719	14.6521653	14.5016179	13.2511137
29.7460239	29.2356631	29.3262955	27.5885543	27.5221313	27.9906387	30.1522033	28.9485525
0.08431355	0.10492063	0.10144908	0.12209978	0.12839447	0.1350909	0.11925026	0.12844267
0.09341682	0.10235721	0.13692169	0.11458323	0.15454954	0.13641195	0.15145411	0.17203199
3.29024606	3.18181162	3.62824061	3.80385495	4.51121963	4.31597113	3.99525278	3.6153543
55.7886897	78.913667	99.9897778	95.9940231	73.9888334	74.5212068	65.9199976	67.7714207
0.32057128	0.36639518	0.31804267	0.34387274	0.37208136	0.28143654	0.31395331	0.35654986
2.85533445	2.72996777	2.81956495	2.37969582	2.58508923	2.64477203	3.08453095	3.38073078
0.1221228	0.14505789	0.15805362	0.18051682	0.20739275	0.23648122	0.29647721	0.29846239
0.48313624	2.31624572	3.7511885	3.81438865	3.62270468	4.28472228	4.78783794	4.0669102
0.04674882	0.03299364	0.03648488	0.05387008	0.0576812	0.05649898	0.05982492	0.05697823
102.824851	101.66944	101.327219	98.7643031	97.3096318	94.4912473	87.344207	85.2704254
2.77301287	2.73345805	2.57054793	2.5904026	2.72128698	2.72182466	2.688796	2.78196287
34.1731567	35.2050362	29.5418302	33.0769818	35.1312801	34.5684926	32.9533408	37.8540371
4076.15968	4347.39771	4389.76374	4266.27152	4410.46523	4705.73376	5071.18482	5238.13094
3.46086093	3.43772798	3.76396605	3.79234049	3.4415548	3.78396998	3.28502001	3.50099584
0.87067565	1.36065903	1.70858641	1.95721057	2.05299473	2.19680987	2.56822921	2.31823092
0.00320852	0.00320852	0.00724775	0.01194806	0.01033232	0.00624994	0.00549574	0.00479354

0.41871354	0.41578507	0.44395863	1.26321678	1.34916082	1.33676332	1.51864268	2.1308393
0.02216463	0.02535319	0.03052236	0.02641756	0.02834576	0.02917221	0.03091409	0.03025872
8.86148567	14.5510621	15.8051685	17.6545099	17.287031	10.7543863	13.0123501	15.2794424
0.03200618	0.04134407	0.03704335	0.04112256	0.0477449	0.05783161	0.06437317	0.06459066
0.16629984	0.17470547	0.18740017	0.19161506	0.19940487	0.19817294	0.2032215	0.18909386
0.558896	0.82433656	0.74324384	0.07166098	0.13211899	0.02778811	0.10855299	0.06510453
14.7488002	14.9519978	15.4276487	15.9073273	16.0696688	14.1481474	14.2416261	13.9121158
0.10041939	0.11207964	0.11674664	0.12464833	0.13043298	0.13431974	0.13104655	0.18102461
3.5203047	2.80552385	2.90612607	3.00371321	3.26087908	3.26470763	3.3039804	3.25110945
59.3734597	56.286352	54.425103	54.27042	55.2712999	53.9924669	53.531015	49.5309519
341.630956	346.304276	327.324337	322.596216	321.808592	303.887318	287.113619	239.06244
0.17685302	0.19680827	0.2001037	0.18561208	0.16623721	0.13645813	0.14587251	0.12402185
0.02792242	0.03037402	0.03307021	0.03538781	0.03791712	0.03246306	0.03572698	0.03972142
14.6530317	16.9388886	13.4503231	10.5628345	11.8762479	9.39595747	9.4754595	6.6182152
9.37573514	9.03157019	9.90903429	10.7114045	10.8139144	9.91479785	10.9959295	12.4903041
30.9379642	30.1027683	32.6388543	36.784219	36.1717688	37.7387657	38.6358592	39.4432242
7.16636368	8.12276618	8.57193218	8.67389658	7.60510717	5.27374168	5.77942047	5.13598866
73.4344958	75.185696	80.3749335	86.000347	84.5241896	91.4480014	82.4121204	75.5806374
0.25202402	0.22713214	0.23656355	0.2331612	0.23636972	0.23429284	0.28314863	0.29410492
0.0430179	0.04040738	0.04026237	0.03912345	0.04191282	0.03747341	0.03939709	0.04068122
91.0218478	68.9918179	70.1817471	81.3780733	66.7489622	78.9062139	68.7618958	53.7334156
12.6256493	14.3450145	13.1917751	10.3495537	11.7588686	12.5693442	11.4530092	5.7595883
0.02272952	0.00962557	0.006507	0.00320852	0.00320852	0.00353583	0.00380853	0.00415196
20.9800434	22.3234477	19.8056026	16.7066996	18.2818818	16.4963331	17.7028649	15.1720204
0.25751911	0.31768609	0.40898002	0.40543214	0.40235678	0.42826804	0.47119931	0.46134973
0.0070833	0.00798551	0.00819405	0.00862412	0.00952869	0.0081777	0.00897829	0.01019816
50.340907	48.6520513	36.6660739	39.0710878	41.2538508	45.6504847	38.0278902	37.4290407
0.8682188	0.78161169	0.80880559	0.86855515	0.95125279	1.30240822	1.19315141	1.17354199
181.335104	168.194542	143.73721	121.723175	98.4021823	88.2099887	81.2888511	71.3062937
1.14046812	0.97364849	1.10889116	1.26106323	1.05933801	1.0944401	1.01087307	1.34572201
3.06723676	3.53177624	3.26219682	3.32924947	3.96369861	4.61289877	5.18888881	5.83982577
0.13312802	0.14241585	0.14860796	0.16718395	0.15789612	0.15824902	0.15930772	0.14511799
0.52812108	0.50572987	0.53363694	0.61157737	0.65744147	0.60970812	0.62043542	0.57730374
0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926
0.09802825	0.10573787	0.11625178	0.12243425	0.12243475	0.11594041	0.11922915	0.11320117
0.07042887	0.07784428	0.08173631	0.08695496	0.09005231	0.06753475	0.06921155	0.06440007
0.44769968	0.42851356	0.42851356	0.50525831	0.56281694	0.54363057	0.5532813	0.57866472
42.399664	37.2337107	33.8151618	30.4709843	28.5499682	30.1249464	29.2054794	24.3154175
0.0500084	0.06348141	0.05537034	0.05819513	0.0632273	0.06118185	0.06349323	0.07208969
0.10172448	0.08583003	0.08583003	0.12811248	0.10903914	0.08225812	0.08590773	0.08181233
2.83850143	3.32746025	3.47604217	4.72373957	5.07593121	3.97247523	5.26602822	5.55277791
0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617
0.74554061	0.80263699	0.7836502	0.78690541	0.84404701	0.86306018	0.91686514	0.92927344
34.1274062	35.2084394	36.4746686	32.1921629	32.4551945	30.7588575	31.1046778	30.2370528
2.84379749	3.237201	3.61772409	3.55397245	3.97164107	2.62571568	2.5171837	3.47717669
4.03965948	3.82499764	3.23820436	3.2964299	3.54934235	3.13976626	2.59323553	2.85727379
0.87537567	0.90881992	0.93633758	0.93954609	0.99516479	0.92569548	0.85474428	0.86742791
14.6805425	12.0909116	11.2967708	11.8345005	11.8941441	12.012193	11.2874532	10.895247
143.99875	149.184421	168.89167	171.420541	181.063999	195.098025	216.99854	224.8024
946.155856	962.551527	1077.49824	1055.39805	1044.04806	1098.78151	1197.15801	1163.77478
12.6285403	11.230623	11.0692591	11.7285353	12.4775847	11.6039449	10.261048	9.01053412

146.043149	152.825929	155.826739	154.671113	153.599244	163.905735	162.058332	148.09696
38.5785905	49.76984	50.1723526	49.5394473	52.9318929	59.9814239	60.9171096	69.0538669
0.00443289	0.00646699	0.00631342	0.00631342	0.00631342	0.00197934	0.00178047	0.00493378
49.1407735	41.0190245	38.6649553	38.9964212	37.9180188	37.5943871	34.0055722	34.6857193
129.4127	111.215661	103.416525	108.93651	108.253157	109.067937	101.122366	96.291698
2.71900433	2.59037178	2.48205248	2.59698296	2.78110497	2.72849264	2.78897043	2.88684894
10.6921642	11.0393434	11.9815266	11.1396936	9.6222859	9.9392954	9.02295968	8.61557404
610.320375	620.183983	590.731557	564.361949	565.100182	550.537243	521.270474	497.762105
87.5674617	93.1536231	99.042413	84.407562	92.7903132	102.163788	106.763761	104.92211
1.99916684	1.96756684	2.34968523	1.28539416	1.38126803	2.39748249	1.46242188	1.24615338
1.87085889	1.63146069	2.2697234	2.69264641	1.82774927	1.49336189	1.55283227	2.10835588
0.89911631	0.7247549	1.51954633	2.37413809	3.37762208	3.63608672	3.41992722	4.4667993
0.01256218	0.01465285	0.01668093	0.01640051	0.01817123	0.01995727	0.02124866	0.02068616
0.04205366	0.04716494	0.04902896	0.05069561	0.05534923	0.04975342	0.05285747	0.06003915
311.371813	304.452929	298.75723	305.651498	309.832799	321.622834	332.328732	316.589224
44.6582689	44.5893265	45.8241917	46.6836461	47.4284086	46.0194457	46.2468697	45.6257212
			3.71252863	10.8671951	13.9206698	14.0369962	13.9936693
11.1389876	12.2248591	13.5100983	14.2702012	14.6687131	15.6705324	15.3436622	15.5007409
0.20575067	0.19887445	0.26035673	0.27105889	0.30721188	0.24706869	0.28657076	0.26664882
23.0832066	24.7733316	23.7630772	24.5128536	19.8907987	21.232882	21.9758696	22.1954618
0.07663269	0.08618209	0.08936134	0.0905378	0.09721846	0.09372363	0.09075936	0.14981156
6.45403434	4.01952749	6.7687864	6.74131896	8.63064852	9.44124124	8.1035459	9.65447643
0.12734959	0.13790686	0.1441368	0.14364256	0.15697787	0.15967292	0.1593305	0.14976621
2.98053389	2.36300998	1.81767552	1.65660123	1.36385026	1.06346826	1.01370517	0.83796935
1.11250777	0.75861764	0.70883063	0.48241187	0.27248927	0.26739998	0.24364475	0.2411744
1.9759255	2.07909559	1.78553683	1.85629762	1.87504353	1.57132415	1.95820748	1.84239995
0.35035634	0.40225864	0.55979383	0.68293722	0.70829753	0.9495266	0.6922657	0.71790723
19.3172357	17.8917679	20.3484225	21.6264599	21.6059543	22.5201265	23.3008668	28.8402784
3.56848031	2.81071531	3.28061454	3.62509122	3.57351084	3.01072707	3.26110027	3.34600799
0.97120765	1.09327463	1.12071347	1.33139806	1.23096974	1.41528153	1.26200055	1.52402783
0.32513752	0.39599466	0.60455529	0.41878599	0.46509982	0.46486024	0.56202861	0.61101526
153.941542	144.673566	139.923278	143.050784	149.461694	153.719589	142.386242	139.599741
5.61245291	4.74357152	4.4348309	3.98946938	3.57384758	4.13953678	3.60728412	4.31493166
0.4959134	0.57363138	0.61367572	0.76325114	0.97802209	1.00529529	1.08828166	1.09339928
2.0189919	1.6399254	1.6024122	0.85011	0.5575509	0.70934815	0.70334204	0.74816984
2.51349834	2.63100099	3.95418345	4.85800011	6.32451077	8.07710371	7.61109124	7.48372305
10.0565838	11.1078004	11.6367312	11.6877245	11.7159592	12.7610394	13.5484155	13.6188708
0.05175225	0.10082853	0.10348167	0.60021195	1.6006395	1.72649482	1.47619194	1.61120579
0.48724256	0.46931131	0.5611283	0.57297337	0.52927126	0.75561735	0.8173314	0.79946578
0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801
2.26261128	2.34542187	2.42931831	2.39142327	2.41424595	2.53600213	2.46895572	2.42079449
2.39137694	2.4256387	2.23534529	2.47715799	2.40667483	2.51249226	2.64699995	2.55691367
91.5468247	95.9014333	98.1721101	103.152856	102.599165	106.922374	112.297677	112.364231
0.09225685	0.07600975	0.01346471	0.03888189	0.08308509	0.09026224	0.02876763	0.06806161
0.7630441	0.92129886	1.23998128	1.28866912	1.51318811	1.38726263	1.86215881	1.87500572
0.42643176	0.37630899	0.46609588	0.52425586	0.69664226	0.58182296	0.57304847	0.63521475
11.6364303	11.8939293	13.5742365	13.4793153	14.3043219	12.3548789	13.5630535	12.8661569
1.65637891	1.4069905	1.45804197	1.64035535	1.58601299	1.40486078	1.35768437	1.4144394
54.9157825	55.1050057	58.354593	62.8072403	61.4743584	58.4305151	54.1229412	50.8344702
2.04027539	2.043321	2.1127294	2.21866288	2.16496298	2.26058135	2.27054956	2.19740266
0.01368742	0.00684371				9.9072E-05	9.2106E-05	4.7988E-05

7.81510874	6.73408995	5.68057999	5.51596024	4.41640492	5.10433008	4.83886367	5.48298176
15.0655083	14.9144075	15.9876111	16.6811216	16.1159897	16.6594068	16.8586826	15.3121209
40.4323682	43.5642	44.0926188	44.147683	48.227802	54.5487545	44.7505572	53.4039921
2.8391814	2.58829623	2.78332566	2.65270176	2.6568714	2.07061411	1.94609024	4.82216435
11.4667905	10.8803216	11.5716944	11.7915605	13.6999502	11.7262216	10.9353346	11.4860967
35.5254911	41.322999	44.2986991	48.2189535	52.3939769	59.9229225	65.6163026	71.4293184
0.76709766	0.35559329	0.42064397	0.39677304	0.37984829	0.39709986	0.4085684	0.42114086
0.95505514	1.10967946	1.38367032	1.51554919	1.7169317	1.66451242	1.79886628	1.8132611
156.733108	157.879283	148.488142	149.987906	150.031803	151.562033	149.98667	137.434849
7.62756261	7.41949647	8.24684913	8.34779611	7.81942065	8.58028206	10.4910108	9.56752653
9.93938794	10.1802704	10.6746121	11.1957414	13.7962397	14.3776185	14.9874438	15.8743781
18.1677049	15.8197413	15.3994064	18.9977549	18.0618426	21.8359449	18.4783099	13.437425
0.00317667	0.00317667	0.00317667	0.00317667	0.00317667	0.00148348	0.00152794	0.00174135
0.20829186	0.24254046	0.27072845	0.26501278	0.2702066	0.25444889	0.27700613	0.26783971
17.2393056	17.2203214	19.2381037	20.1868108	20.5799765	22.1583399	22.8242917	23.8771081
0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081
35.7175833	28.2993387	27.545017	29.1283502	27.12107	27.4024484	26.7117228	24.6776732
947.10951	908.15535	841.031096	810.509471	775.932572	773.851797	815.798593	816.007634
0.15886501	0.16905745	0.15276304	0.1599499	0.20656946	0.26543225	0.31607519	0.28188079
212.061306	217.093242	221.853823	234.173508	242.665576	246.996202	231.875803	237.579201
38.8507026	40.4554546	32.7742683	39.6420926	39.6747217	39.1723005	37.9740407	38.2134237
2.30437152	2.16223158	2.53957647	4.54898296	5.21723243	5.35628002	5.40622583	4.8194172
2.10038434	2.19270595	2.40417752	2.71699405	2.97765909	4.03142064	3.89769291	3.67112615
20.3491891	19.9295064	19.838483	19.9437432	20.3225594	20.690866	20.4933084	20.8560384
0.00390813	0.00476864	0.00476051	0.00479814	0.0050399	0.00528167	0.00555569	0.00524408
0.08375667	0.0958936	0.1030256	0.08781871	0.08664672	0.0842218	0.09334348	0.08889453
0.18717035	0.2394527	0.26175286	0.21628842	0.21959729	0.20187965	0.20435672	0.17313006
1.55322968	1.68366664	1.70837274	1.71150149	1.66483801	0.98119055	0.89329381	1.16433917
0.16672626	0.17996209	0.17993754	0.19185887	0.1936589	0.17950074	0.18429253	0.17119962
0.01498128	0.01729193	0.01876344	0.01890692	0.02040054	0.01794586	0.02045353	0.02008245
0.02947085	0.03181044	0.0318061	0.03404075	0.03509784	0.03321513	0.03341847	0.03396642
1.11886527	1.15036827	1.40181585	1.49827173	1.19441424	0.95609524	0.87536241	1.05715957
8.28839773	7.64803847	6.58454206	6.74269274	6.51995727	6.78700052	6.19086403	5.65743462
6.01097893	5.792849	4.52731398	4.57789558	4.90858918	4.93859574	4.81857992	4.60109798
7.24693371	7.26614512	6.30749268	6.1875895	7.10577994	7.06818443	7.29424242	6.43812402
0.05369499	0.04881341	0.05125439	0.04393223	0.05857617	0.04286046	0.04286046	0.08199943
0.19729816	0.19180911	0.2244574	0.23938052	0.26448886	0.25751288	0.23358653	0.21817295
18.8862341	14.1306819	11.8845627	11.2930844	11.5121153	12.0665328	11.9134035	11.5943656
0.03060139	0.03478658	0.03835003	0.0398323	0.04378648	0.04232193	0.04452223	0.05212226
0.19812699	0.22158428	0.23058091	0.24056512	0.23495712	0.34115338	0.37817825	0.36591155
0.02315502	0.05578955	0.25292298	0.19172041	0.50850616	0.28076616	0.21429678	0.1991931
84.352689	90.3001071	92.3804111	90.8682534	91.8885296	88.1198795	87.3926054	87.8759029
0.04710717	0.0667876	0.19336429	0.28824242	0.52976946	0.97233286	1.49474622	1.85571936
16.9470695	15.296097	14.3651119	15.8680477	15.8680477	15.8679394	15.8679394	15.8679394
0.0658248	0.11343165	0.14826014	0.13597599	0.13781789	0.13589931	0.14558951	0.14186706
0.02664831	0.02917388	0.03633899	0.0355458	0.03844047	0.04482095	0.04153772	0.04677038
6.21315951	6.19314072	6.13219929	6.01612994	5.5587566	5.15397498	4.93971608	5.18479696
8.36706219	8.54058443	9.16958725	9.22348395	8.61411953	8.81339288	8.99326964	9.40033925
115.79156	109.269152	127.349722	119.532912	130.021332	139.969008	144.219798	133.750129
158.059691	155.96028	161.960941	162.424991	166.441503	175.882037	174.006318	165.35874
2.49083853	2.84644371	2.42138007	2.91138282	2.32944849	2.4557192	2.5843131	2.63840565

0.21166593	0.00632001	0.08313063	0.05921517	0.05921517	0.05983407	0.23332075	0.07777462
134.225152	131.535379	110.854425	90.3453289	101.49314	83.0925313	87.5561651	80.3056261
2.92647571	1.450049	0.55928479	0.71244704	0.34868172	0.18520204	0.31700635	0.18963113
2116.71976	2128.41885	2125.52858	1984.66004	1893.66432	1822.79698	1846.03846	1699.59917
40.5824317	43.0183351	43.6715146	43.7196265	44.9568112	45.5632394	37.5037437	39.7154629
0.04586166	0.04244634	0.0462957	0.04715379	0.05004314	0.05209788	0.04931555	0.04861696
30.9036245	30.5007308	30.1447697	36.3503681	33.8985861	32.5781555	31.3094352	26.7246247
0.0300163	0.03383947	0.03530077	0.03568962	0.03832829	0.03209674	0.04198418	0.03805989
41.4662073	44.4628242	53.0142283	84.0231296	97.4142466	93.6762678	120.542647	153.919872
0.03323977	0.03682468	0.04823106	0.04191905	0.04443606	0.04804631	0.0654799	0.06101956
0.06048313	0.06811173	0.07897864	0.08677012	0.09509082	0.09160872	0.09463106	0.0996172
5.81303334	6.36276063	5.68592595	4.18809408	3.491754	2.96113462	2.37263904	2.1987905
235.887115	238.434325	249.932777	229.926531	235.839786	225.045755	233.280507	253.681858
0.03169405	0.03169405	0.26590723	0.30073997	0.62253071	1.84558606	2.65028425	2.31602248
5.50527053	6.71702342	6.77370233	6.76153419	5.94582502	5.00409472	5.30064441	4.90276514
0.00190204	0.00205397	0.00213362	0.00219042	0.00225295	0.00216681	0.0021317	0.00235892
0.24551092	0.31819942	0.26914448	0.21994967	0.23948057	0.2337822	0.24604936	0.24725676
1.12549498	2.08079185	2.41430881	2.60472085	2.29534875	1.73562518	1.76577123	1.66062115
2.1217E-05	2.1465E-05	2.1705E-05	2.1934E-05	2.2163E-05	2.2381E-05	2.2586E-05	2.2781E-05
0.97401337	1.06575423	0.88436564	0.9239545	0.74007698	0.85001466	0.84466546	0.80685144
0.04921483	0.05083438	0.04800699	0.0480201	0.04741694	0.04664325	0.04595115	0.04429633
14.9057742	15.795353	18.8639431	18.9104512	18.3166007	18.821853	18.9731453	18.403533
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15.1660322	14.7363335	14.4498054	14.5628262	14.1934903	13.9892751	14.1023715	14.2585293
5.00936344	5.0560463	5.05690718	5.16384086	5.10828113	5.19054229	5.09092432	5.06087346
0.98433622	1.14974438	1.42034596	1.33372031	1.13669155	1.41011386	1.64422637	1.66347607
0.05659865	0.07241351	0.06076888	0.07387718	0.08232183	0.06466033	0.09169633	0.08431734
9.71907333	9.76824502	9.53628531	9.14835194	9.07622685	8.92908998	8.67999043	9.31743898
0.51472358	0.50549017	0.48784353	0.51389158	0.57156346	0.57638209	1.03414553	0.93535379
0.27902778	0.24606679	0.1847497	0.52883057	0.71455673	0.77456033	0.91101885	1.13165754
7.96556924	7.80403355	7.92664519	10.4777744	10.8682355	11.6842364	13.2581161	13.786713
4.75275268	4.599757	4.72946222	5.2289589	5.50709002	5.44423895	5.10682195	4.7342292
2.98568856	3.28803654	3.08659206	2.93476717	3.26335341	3.3115275	3.13388221	3.55482514
0.00581661	0.00616535	0.00630749	0.00627862	0.00662486	0.00685577	0.00717446	0.00774963
1.01929528	1.04620961	1.04879868	0.99011502	0.98525536	1.07175487	1.20873906	1.13938645
5.46478829	5.69949168	6.10164511	5.69906603	5.37834624	5.38351859	5.42016677	5.01722904
0.00285456	0.00304503	0.00314156	0.00185579	0.00191722	0.00198932	0.00189531	0.00195249
0.00136992	0.0014359	0.00163405	0.00151833	0.00172845	0.00163488	0.00167338	0.00178353
1.05371782	1.08545062	1.1316204	1.18679733	1.37008589	1.43057209	1.43892713	1.5834017
54.1846951	47.8993454	47.1331931	42.775969	43.5037341	43.2462901	42.1525182	41.4637823
0.06974718	0.06592615	0.06647506	0.06683022	0.0662113	0.09607044	0.09466345	0.09398568
0.13964034	0.13826986	0.1003465	0.0967882	0.11221915	0.12095803	0.12794293	0.12592693
0.50078492	0.50417085	0.53376465	0.6542264	0.71692191	0.70752783	0.76791612	0.90956741
0.08419541	0.07997567	0.13515106	0.11888687	0.10716897	0.08751454	0.11391987	0.11903493
0.01155053	0.01122756	0.01157071	0.01182122	0.01204161	0.01235144	0.01260356	0.01287258
28.4883099	27.9477214	27.9371588	28.4359667	29.1222219	28.8547403	29.3381538	30.1413278
2.80684882	2.82658632	2.91920778	2.7726107	2.79986947	2.78541806	2.70947071	2.68782635
3.0916855	2.80922404	2.4649074	2.53925343	2.91197537	2.86914436	3.25798787	3.35845832
1253.58909	1331.2163	1381.88161	1333.37362	1390.48052	1398.78948	1441.9702	1514.47631

0.90049361	1.00155949	1.1360371	1.37146309	1.73079176	1.69122141	2.08918624	2.23016594
0.66907865	0.81385107	0.74264181	0.87379176	1.22427599	1.32002975	1.41388018	1.34685988
0.32293004	0.33427985	0.29853445	0.34681031	0.30541534	0.56598825	0.6753552	0.75541202
0.06357247	0.09552304	0.16370444	0.25853487	0.39329192	0.43142048	0.28992425	0.29700167
0.00056122	0.0008201	0.00041931	0.0002494	0.00049623	0.00035812	0.00025251	0.00026723
4.66146759	4.44860991	4.69655585	4.93952944	5.20833011	5.30321524	5.30813237	5.7094678
0.00197788	0.00213526	0.00214071	0.00209887	0.00215346	0.00240312	0.00253447	0.0026437
0.0028146	0.00303824	0.00327825	0.00277041	0.00270458	0.00317962	0.00334058	0.00341379
0.59144268	0.63188454	0.64543347	0.68571183	0.53042662	0.57282597	0.5795566	0.51640326
1.031976	0.9981377	0.7848723	0.77933221	0.75022051	0.76442126	0.80877123	0.73446205
0.00094332	0.00104028	0.00108554	0.00113734	0.00117327	0.0011985	0.00115421	0.00141703
0.51978899	0.76090469	0.9726032	0.87613335	0.88013155	0.92000815	0.8564766	0.80975588
5.28411763	5.07678224	5.57423494	5.36654621	5.16965041	5.6541886	5.53741247	5.10696319
43.5172489	42.8046411	43.4568543	43.1408582	43.7150074	44.5162967	43.5343297	42.4260305
0.00350388	0.05472373	0.0604647	0.05291074	0.05540736	0.06725394	0.09249352	0.10101622
0.00157291	0.00159508	0.0016142	0.00162858	0.0016427	0.00161481	0.00162381	0.00164661
1.17940708	1.18545729	1.20500601	1.22617305	1.38996333	1.49977874	1.58397962	1.58680504
1.59768266	1.68360442	1.97784937	2.0508963	2.02253317	2.05295177	2.10159341	2.17054921
9.32594814	9.04091001	10.9957699	12.175356	12.5933609	12.9020288	15.2836066	15.9697284
2.27186946	2.30679377	2.19876757	2.00562509	2.10371736	2.24730528	2.27362297	2.23070361
36.1068411	32.2600756	31.8103001	31.619299	34.2008346	35.943386	35.7979049	35.01557
0.09686232	0.0936756	0.09248973	0.0842276	0.09416414	0.08597909	0.08581922	0.08484492
0.00155134	0.00169993	0.00166968	0.00159045	0.00157992	0.00155657	0.00156373	0.00154085
20.6849975	18.3376531	19.8375225	20.2491591	20.3889504	20.6247372	21.0527425	20.064731
0.67309998	0.88999565	0.54145116	0.37256613	0.31028796	0.41922566	0.41970718	0.41775602
1.49552485	1.76817536	2.05201484	2.91707039	3.68721052	3.91093295	4.06143801	4.04547447
2.79452487	3.08636297	3.17132692	3.12977669	3.17385267	3.0130215	3.1900782	3.08670214
0.07128081	0.08476007	0.08337093	0.08608316	0.10237525	0.06775445	0.0665033	0.05956682
7.5567E-05	8.24E-05	8.4567E-05	8.7138E-05	9.1832E-05	8.463E-05	8.651E-05	9.3032E-05
27.3911308	22.1935019	21.6565287	20.8695158	21.2277022	20.8838032	20.4811821	21.0552671
9.2762E-05	9.3141E-05	9.2905E-05	9.3265E-05	9.3564E-05	9.3989E-05	9.4511E-05	9.4733E-05
0.08258383	0.07015877	0.07241429	0.08415144	0.15091354	0.16206359	0.2095885	0.22498471
13.2225514	13.5141345	13.6557427	14.1800038	13.5734104	13.6703978	13.8816048	13.2176868
1.42832469	1.48236065	1.54796944	1.60192744	1.57323045	1.79349189	1.87301588	2.14505101
1.78458304	1.68079527	1.65274881	1.50052625	1.88675326	1.73073624	2.20189439	2.12215172
0.00025896	0.00019792	0.00014439	0.00012282	0.00011913	6.1232E-05	9.885E-05	7.684E-05
0.14378477	0.16006825	0.17777854	0.35158522	0.50026194	0.54741277	0.58514309	0.6232283
0.12094364	0.12406393	0.12442323	0.12661096	0.12506169	0.12509521	0.12772618	0.1265622
0.00476688	0.00501278	0.00528206	0.00509864	0.0051191	0.00546337	0.00566512	0.00583816
0.00460979	0.00482457	0.0049883	0.0048787	0.00493021	0.00503035	0.00517822	0.005295
0.94219122	0.94205405	0.94210453	0.9421252	0.94217613	0.94222685	0.94231478	0.9427678
4.30900539	4.82966527	5.07022292	4.67346592	4.84114509	5.02200874	4.75925715	4.74401318
0.00062221	0.00068135	0.0006577	0.00068549	0.00071278	0.00069326	0.00068098	0.00072783
0.0005584	0.00178924	0.00117415	0.00240474	0.00241126	0.00228835	0.00239973	0.00056548
1.16530811	1.22429119	1.43571201	1.53175218	1.39576976	1.41495715	1.25771274	1.21765402
0.03752993	0.03246006	0.02894167	0.02585122	0.03421402	0.0315779	0.03624136	0.03784939
0.00170829	0.00172248	0.00236718	0.03393797	0.14599606	0.15257154	0.15522076	0.15886823
0.63704741	0.84647453	0.89939077	0.91185609	0.86715571	0.70874425	0.7295971	0.70867981
0.67674802	0.67988698	0.67725161	0.68492741	0.7255419	0.84273433	0.76923647	0.69962432
2.21416536	2.32355925	2.51082717	2.41586853	2.28235652	2.50825379	2.35048436	2.46241786
0.18943587	0.20232981	0.25297124	0.24673806	0.24660247	0.2921473	0.29896141	0.30825369

3.60118575	3.33273994	3.61956394	3.8071828	3.80480745	4.34831237	3.79881434	3.84976668
36.3383176	37.2958459	37.1816458	38.5031996	42.2224535	45.9771144	49.3832334	51.0938581
160.226929	164.634474	155.345887	162.883731	175.151744	184.969524	190.71111	194.825487
1.430929	1.36020981	1.66872437	1.83727709	1.96684449	2.06655805	1.2631027	1.14845628
52.6178108	49.1229164	49.4745885	47.2589731	50.5495446	52.8485886	53.7631002	55.7833042
4.78570613	5.28176675	3.97921283	4.28557929	6.17808813	6.60173703	10.9925848	12.4458474
1.78943365	1.70295677	1.51213406	1.59576099	1.54853327	1.65799363	1.61293868	1.5333903
3.87003258	3.54692837	3.6050464	3.99482906	4.38928216	3.94123297	3.83434071	3.59883688
25.1953793	21.9111846	20.9891848	21.2318371	20.6544695	21.3263728	20.7738408	20.3529344
0.35901317	0.4081342	0.40715842	0.40110952	0.43622017	0.41157195	0.38991636	0.37657088
1.79359147	1.73112706	1.79633656	1.86966876	2.06262431	2.14187484	2.24682964	1.61282091
61.9990761	64.0075046	63.7292661	62.2964181	72.945657	72.5903895	72.5145248	71.0555516
9.02554389	11.8697175	11.4777149	12.7400198	11.9870599	12.5799946	12.3385756	12.9275151
2.21149831	2.27973209	2.47605372	2.71026615	3.10293187	2.79637876	2.71861009	2.72060135
0.56175585	0.77903047	0.74587483	0.6424911	0.62029331	0.70910534	0.89666973	0.90837866
0.43255267	0.45042121	0.58144992	0.72371592	0.93513192	1.47829032	2.08491525	3.07521216
0.00054435	0.00070391	0.00046399	0.00039164	0.0005587	0.0004887	0.00042149	0.00043496
0.00037809	0.00041713	0.00043448	0.00044705	0.00047237	0.0004441	0.00044701	0.00048682
45.3804513	44.7204137	45.4527622	47.8990584	51.6464641	50.8709772	48.7003654	48.3216952
5.50712614	6.07946865	5.92799583	6.05822637	6.59799959	6.31506472	5.79371702	5.52721794
0.61591744	0.5936125	0.86810816	1.21962306	1.45108826	1.67454515	2.01108737	2.14571092
2.30223573	2.34443016	2.40193288	2.2377924	2.3517465	2.31387468	2.10792608	1.46927436
0.05521123	0.07813095	0.11130763	0.11820279	0.10995571	0.12740618	0.14635104	0.14866291
3.0900738	2.06395515	4.18771185	3.40878683	3.21225872	3.30234056	3.20431757	2.75748747
0.00103304	0.00110882	0.00114013	0.00115249	0.00119018	0.00117415	0.00113873	0.001442
0.88574488	0.77015137	0.74844429	0.88661654	1.0377396	1.08321451	1.08270816	1.24870749
0.00577866	0.00602625	0.00619393	0.00586873	0.00583958	0.00630776	0.00639986	0.00649783
2.65951085	2.21272923	2.43196373	2.67198315	2.33503159	2.71776568	2.43505816	2.69651517
0.55074916	0.52168011	0.53639325	0.50533929	0.54682214	0.55240099	0.51745877	0.51311228
0.84762685	0.69038366	0.66635698	0.58092816	0.45928047	0.54073058	0.65996163	0.61781497
0.20038935	0.1843939	0.18257624	0.18127076	0.01358257	0.00924686	0.00648676	0.00672295
5.92671268	6.39594063	5.40858365	5.49550153	5.43422801	5.23467865	5.20648483	5.33849778
0.53061029	0.53729775	0.57497704	0.50533654	0.46392278	0.53744489	0.58905879	0.63130201
0.13888385	0.14462366	0.11401725	0.11859408	0.12711918	0.14858963	0.12199131	0.11907797
0.00866257	0.01323654	0.00863927	0.00441968	0.00885275	0.00620894	0.00505041	0.00581258
33.1444867	30.1485769	31.24305	32.6836553	36.7090101	41.4009423	46.7729946	48.2029815
0.77967141	0.88650702	0.86471079	0.75440202	0.61925204	0.50395437	0.56070225	0.67991673
0.04254004	0.19371303	0.26596337	0.27003777	0.28310962	0.29497511	0.41870244	0.60659525
0.00885188	0.01063149	0.01246771	0.01458723	0.01266274	0.01285407	0.0137873	0.01322723
0.60739437	0.67475769	0.75892891	0.63859104	1.43132408	2.61050371	2.17489715	2.39660577
0.16730876	0.16822361	0.23396723	0.23275526	0.24000978	0.31762161	0.41364732	0.47159286
1.38439859	1.40670473	1.47846449	1.52357056	1.968922	1.93724927	1.94268503	2.04195443
0.23692927	0.2482141	0.30453711	0.31885844	0.33180701	0.35731709	0.42518846	0.4099846
0.06464618	0.06626152	0.06661643	0.06850049	0.06772502	0.06774168	0.06717209	0.06660965
0.01771533	0.0176833	0.01865893	0.01742667	0.01723874	0.01819115	0.01808462	0.01819243
0.14769885	0.1422131	0.15648945	0.11707053	0.12392082	0.14955475	0.1589498	0.16284158
17.4486104	16.6298093	17.7623325	18.2366287	18.7859698	17.0688751	17.597498	16.6952256
0.2656196	0.29939693	0.30693616	0.32734076	0.36888241	0.36688049	0.41874339	0.4385278
0.06562379	0.07015999	0.05585998	0.05434931	0.06467615	0.05642994	0.0462696	0.04237911
0.06660378	0.05202213	0.04802916	0.06011247	0.06527755	0.0755515	0.1259038	0.18697887
7.25011797	8.19943059	8.14951087	9.08781398	10.8344674	10.4946416	11.4951768	11.6028922



0.3158782	0.33519929	0.35893791	0.37202486	0.3841923	0.38960515	0.34821483	0.30936286
12.5613529	11.8037037	11.5558664	11.1924701	11.7216967	12.0606952	11.3734657	11.2199928
7.32260187	7.06067377	7.17146157	7.32956231	7.59358229	7.90711107	7.90332393	7.90077651
1.15791374	1.16939228	1.19849598	1.47811816	2.18733388	2.9826786	3.3101676	3.5550215
2.26395648	2.44860179	3.04998461	2.7867948	3.19091882	2.80509844	2.60266097	2.81650116
8.64069254	9.20429944	9.96891	10.5952145	11.8194541	11.9760713	11.687393	12.0861377
17.3243197	17.6438396	17.7279411	18.944823	20.7223004	21.0868411	21.8530134	21.6117528
0.88197842	0.92814412	0.8600605	0.78242983	0.74589024	0.75371275	0.64128502	0.53448768
4.10731337	4.04812758	3.94618874	3.89497095	4.19808106	4.29712162	4.33892293	4.6382241
9.93846485	8.87868433	9.41447003	10.5486428	8.44696071	11.2378772	12.0667779	11.9677699
0.00221326	0.00106187	0.00105063	0.00099321	0.00094465	0.00099916	0.00075745	0.00069377
0.15869958	0.16755234	0.15552562	0.15038658	0.17135071	0.16287752	0.15659294	0.13189682
16.524353	16.4190488	17.3410677	17.2822341	17.786408	18.7002458	19.7087717	19.1005408
0.34465462	0.28280508	0.27624888	0.25502659	0.22190619	0.21717493	0.28600238	0.23840153
2.95233803	2.91697806	2.95754065	2.96230495	3.34217984	3.2405704	2.78452238	2.59860624
3.99524463	4.31849594	4.76079508	4.68763501	4.04029965	4.32026617	3.81732448	4.09197837
0.44184865	0.49094281	0.50623091	0.58904	0.6401944	0.74930481	0.60499947	0.61338267
0.00773094	0.01030067	0.00622738	0.00500285	0.00727984	0.00572972	0.00489686	0.00502935
8.86693082	15.3675702	15.5664422	16.1220296	16.0303609	16.1284317	15.9794126	15.6387299
0.13178045	0.14350753	0.12413485	0.09646222	0.10858711	0.10804257	0.11143369	0.10573782
6.97307466	8.62287028	9.12245055	8.77094267	8.63032976	9.13294299	9.49851759	9.42008544
98.8045019	100.816489	100.143702	99.2951073	97.987503	103.862322	110.320614	112.46289
0.06169299	0.06875156	0.07166281	0.08949165	0.16709445	0.1829284	0.18645828	0.20587489
69.9176317	69.9628769	73.0121929	73.5334145	75.2953469	75.236036	75.1665379	75.9269623
1.71993989	1.7656131	1.5438502	1.55832584	1.98796401	2.07292296	1.97364613	1.55984667
1.37299346	1.33374	1.29261814	1.45250833	1.76067038	1.88747465	1.72129615	1.17458152
1.70161682	1.79306681	1.66037322	1.66837347	2.10832705	2.11643324	2.19010073	2.68574766
6.43307051	8.68620803	9.43892802	9.72030107	7.97556871	9.53416192	9.10381693	10.7847944
6.1837E-06	6.1322E-06	6.6277E-06	6.0576E-06	8.4254E-06	6.0755E-06	6.1099E-06	6.1395E-06
0.00329076	0.0042971	0.00264742	0.00208785	0.00280964	0.00235771	0.00210905	0.00216003
0.13548601	0.12402318	0.13015487	0.13248469	0.14676039	0.14275574	0.14247059	0.15224859
0.54212142	0.48584198	0.41124937	0.41100085	0.36281697	0.37003445	0.43764035	0.50567399
0.03119245	0.03224636	0.03309921	0.03340235	0.03395267	0.03514899	0.03627146	0.03734729
9.5563E-05	0.00010757	0.00012453	0.00012445	0.00013471	0.0001163	0.00011997	0.00012829
0.00069057	0.00074544	0.00076834	0.00070073	0.00069156	0.00076665	0.00079347	0.00084279
0.04308114	0.04519467	0.02402653	0.02439409	0.00908287	0.0131936	0.01313524	0.02110288
4.19220702	3.87446118	3.83054807	3.95961373	4.13673983	4.40144326	4.43179678	4.32072108
0.68746801	1.32965701	1.41058886	1.49850467	1.438563	1.60529128	1.69395543	1.51448358
4.15625156	4.0676682	4.06775956	4.22721185	4.21570142	4.21112039	4.20714439	4.08673223
0.00265724	0.00268552	0.00273125	0.00275417	0.00279755	0.00292043	0.00297248	0.00303033
0.00223505	0.00231192	0.00275273	0.00223968	0.00224696	0.00281505	0.00267527	0.00277494
2.75189867	1.72527143	0.86817933	0.84017181	1.17701631	1.07692661	1.08576082	1.13981866
0.00019553	0.00022727	0.00025129	0.00026118	0.00028227	0.00027463	0.00027519	0.00031586
0.09067677	0.10354507	0.11069788	0.12251748	0.14623477	0.18926809	0.19804128	0.21344572
0.583393	0.62577602	0.58039009	0.53312225	0.60833253	0.5654093	0.55067381	0.66281958
23.8719895	26.7426799	27.5737513	27.9723804	28.0171692	28.7424775	29.1413873	29.4014283
0.59541858	0.57717122	0.71792163	0.8523508	0.86560594	1.57431519	1.87073144	2.04899774
1.60596499	1.80199311	1.76993482	2.34121252	2.56613273	2.68498207	2.21225752	2.29672845
0.00424979	0.00627887	0.00470609	0.00401719	0.00522793	0.00456454	0.00416034	0.00430206
0.00088636	0.00115781	0.00071335	0.00054671	0.00088536	0.00075932	0.00055538	0.00062536
15.483278	14.0892684	14.153643	14.507817	13.8083282	14.2988331	13.966316	15.096325

3.06457445	3.1128526	3.66492701	3.83240585	3.57082304	3.17419321	3.12386609	3.20570794
40.8098641	43.1519178	43.4460896	43.4451403	46.3806459	49.0420824	48.9186575	41.6361589
17.1250209	20.4817308	20.4337428	20.0160471	19.4382998	18.2788894	18.9145903	18.8211879
1.03373493	0.92639959	1.05709923	1.23576573	1.77018465	1.81880351	1.94119462	2.70336335
0.8052981	0.87572697	0.91460571	1.01126765	1.19731564	1.204207	1.22302841	1.40915052
26.9329406	26.8381239	22.9092858	21.006127	20.4917179	18.356161	18.0745573	19.7393234
0.3558734	0.32448363	0.30849411	0.33135352	0.30469594	0.34836741	0.33752202	0.31980744
138.038699	139.355594	144.994206	146.470015	145.164697	149.148232	150.163702	157.359621
6.69288208	6.46143013	6.1143849	6.73127039	7.07533163	7.28342192	7.38776226	8.18578264
0.00063752	0.00063487	0.00066122	0.00066801	0.00068383	0.00069511	0.00066989	0.00067057
10.688768	10.5830509	9.78359755	9.64061157	8.38278627	8.13857465	5.74051102	4.88291096
0.00032381	0.00045809	0.00036852	0.00037367	0.00038928	0.00035819	0.00040108	0.00039645
25.660762	25.7696872	27.7386146	29.7888348	34.6907278	38.1481388	41.1209121	47.4514541
0.00139948	0.00176059	0.00123721	0.00097805	0.00137242	0.00119224	0.00113263	0.00115186
0.00193177	0.00263018	0.00148241	0.00120193	0.00205268	0.00152063	0.00117233	0.00127309
1.56896222	1.71092552	1.64975012	1.4068318	1.01195567	1.24703665	1.22903162	1.24706225
16.2720905	16.9018089	17.603502	17.2444689	17.7958581	18.0826156	18.2749686	17.2923735
0.80529458	0.88494035	0.91226102	0.94282074	1.13755288	1.23840149	1.47125779	1.34001086
0.8038465	0.7060872	0.797067	0.78209532	0.62970806	0.74021325	1.12097318	0.93272345
0.13190638	0.14638425	0.16018365	0.16916578	0.17484977	0.16899445	0.16678463	0.20637159
3.90196799	2.63566107	1.94775037	2.40385874	1.72909934	1.74823356	2.26061402	1.88972934
6.74138144	7.69884698	7.93940557	7.98295978	7.91340826	6.72123613	6.94617086	7.93388629
0.02361679	0.02535683	0.02531648	0.02541572	0.02608113	0.02674654	0.02597393	0.02535203
483.676624	492.257229	507.505761	536.21368	560.173839	589.919315	615.937542	625.141435
2.2615901	2.46596028	2.47864638	2.45003937	2.30198309	2.31184649	2.20726857	2.1869356
1.42942192	1.3918545	1.38522981	1.38843833	1.38191733	1.36123107	1.33364072	1.28507046
30.7616308	34.6714888	35.5773204	30.8810171	34.6296666	37.660731	37.6693415	35.7783822
44.8214263	47.7359717	44.0603887	46.2781803	45.2497206	46.431114	47.787737	47.4693702
1.30079076	1.27824348	1.70569211	1.65585732	1.58013878	1.67361551	1.80114029	2.05881781
0.07947281	0.09189442	0.10152258	0.10638822	0.1134056	0.10021695	0.10550141	0.12578363
90.4324099	91.8339984	92.0252314	91.9221942	93.2763579	94.8631317	97.2719042	97.04085
21.6552615	23.1160829	22.6591293	23.1664605	23.9932642	24.5485276	24.7956643	24.8297896
6.4017435	7.29311387	7.55215962	6.79950195	6.40699044	7.72219382	8.51008616	8.41878254
0.17837645	0.2011003	0.17290174	0.18223231	0.21440609	0.25417873	0.3347639	0.40081699
24.7091934	24.2181812	24.4464702	26.0926244	25.7912068	25.200212	25.281678	24.9596911
3.41736271	3.84386533	4.06730781	4.5772317	5.80191463	5.99051019	6.74843323	5.91063318
1.19806398	1.48012067	1.28771272	1.71875612	1.70753712	1.98592951	2.15974886	2.47688566
8.70052547	8.26025966	8.92145784	9.35804728	9.92798795	11.0668415	12.1054104	11.7676031
8.21195564	7.2681838	8.13472436	8.92792501	9.04493249	9.18912903	9.39697278	9.50796045
3.1615413	3.27641052	3.37459094	3.52243209	3.5993527	3.71031456	3.82493448	3.7402125
0.35735548	0.38677782	0.41237456	0.40947627	0.4484421	0.49700548	0.55182953	0.65494619
3.18969084	2.81764598	2.98058243	3.10639066	3.62002447	3.77615676	3.75198365	4.01469081
11.6709071	12.1818326	11.5910318	10.3846427	10.7983614	11.2573646	11.8400055	11.8019978
0.05626963	0.07181939	0.07312197	0.08976493	0.09322676	0.10217675	0.08787224	0.09889498
0.06234503	0.0700647	0.09868975	0.08423893	0.11221786	0.10317594	0.11160237	0.13245675
7.31728313	8.11812365	8.8101633	9.16857564	9.65862518	10.3082953	10.7137098	10.8391406
202.541011	209.784233	214.780624	200.78732	199.046049	200.175373	191.865992	193.16556
0.18936492	0.22121946	0.20915576	0.22731768	0.24180781	0.21273364	0.23122176	0.27442861
1.34261515	1.32605329	1.35099427	1.35699574	1.337433	1.3307432	1.35349291	1.32229261
0.23568541	0.234479	0.20652283	0.24374732	0.24948126	0.29780653	0.33135008	0.34496016
2.06207985	2.14922978	2.22819608	2.30911427	2.26222104	2.30032242	2.45874753	2.35820419

0.10906253	0.07291555	0.07527919	0.11183218	0.12721172	0.13313912	0.13654279	0.15731995
169.379595	173.13466	171.597694	171.088786	170.192375	174.166138	180.287213	177.499108
17.1305645	17.082417	16.9196842	16.2024056	16.0428075	15.7478939	15.814672	15.7621325
22.4344124	24.4921495	23.5736015	25.2256856	26.3839775	27.38366	28.3279971	28.7349922
686.126314	741.094369	770.350034	828.462134	845.356638	877.815126	950.956147	944.372282
2.35610734	2.55844027	2.70166911	3.16504959	3.83972427	3.57403853	3.9668735	4.23565728
3.01424788	3.19692401	3.41453171	3.16542809	3.26066303	3.1859719	3.31923387	3.42018037
2.11205144	3.31385133	4.51244268	2.66689523	1.89707956	2.1427572	2.07066838	2.18829606
1.60298482	1.91227736	2.01664038	1.70175516	1.4484186	1.31818138	1.25749522	1.27002523
0.0552813	0.0520629	0.05141299	0.04655372	0.04723445	0.05504337	0.0551134	0.05878656
26.3791867	24.8722338	25.8661792	27.9866093	29.2239559	29.226809	29.7985511	31.2943043
0.07466873	0.0913699	0.07643147	0.08536881	0.10529793	0.13627944	0.14692358	0.17833826
0.38796876	0.386097	0.38666241	0.39778534	0.43977305	0.46699201	0.46382727	0.52209829
4.79462917	4.87282005	4.97339904	5.31281985	5.74833144	5.86377411	5.87520657	5.96831315
1.06073368	1.23691869	1.39944176	1.49691119	1.48886751	1.63314804	1.62090257	1.46627431
0.06701844	0.07671982	0.08414808	0.09163856	0.09470692	0.10159348	0.0965646	0.13938066
1.99809377	1.79522519	1.7502718	1.81885447	1.93179621	2.0045193	2.01650438	2.03543557
16.1435933	16.0040182	16.5129907	17.3188809	18.0044645	18.5387128	18.6710986	18.8900993
148.513271	152.366975	154.573017	157.590413	161.024421	163.491787	157.66004	160.038581
0.41258877	0.43494393	0.41287359	0.38532341	0.36662416	0.32156184	0.33293548	0.34243097
0.01863502	0.02079137	0.02383618	0.0260163	0.02753149	0.02455361	0.02632623	0.03058367
11.5874063	11.3804777	11.4728417	12.000916	12.1561618	12.1423582	12.307729	12.0384457
6.55814671	5.78984772	5.04682059	6.13036527	6.63244057	6.51171217	7.16495592	7.64216599
38.6433344	40.263668	43.5051748	46.4091202	45.1858305	44.6934275	45.4600712	45.6033506
14.1771644	15.1230248	16.2567745	16.9253817	17.1021518	18.1982671	19.1606841	19.4569572
50.9015207	51.3997217	53.5951624	54.9790892	57.3963699	55.7127069	56.1646623	51.9606002
0.20747615	0.19474603	0.19166097	0.19166097	0.19807801	0.19339939	0.21502083	0.22310481
0.1128754	0.11886045	0.11644768	0.12046318	0.12412684	0.11097755	0.11667454	0.12047749
82.6541226	81.6525625	82.0941294	85.1401976	88.337778	91.2029261	92.269345	93.5810074
2.27530652	2.22641297	2.23000576	2.29548669	2.3456283	2.42531442	2.46336635	2.43461732
3.25019402	3.79965227	4.23568866	4.71309226	5.73450385	6.0731197	6.74467918	7.52768222
11.9896851	11.8315063	10.7054534	10.6965427	11.9103073	11.3062266	11.5087065	11.1148073
0.64228175	0.65236834	0.68889912	0.71446117	0.67047377	0.80807117	0.84004825	0.89630773
0.00472729	0.00546617	0.00590607	0.00634025	0.00691875	0.00618525	0.00661586	0.00785212
127.092578	126.067987	126.216331	127.428591	127.972237	128.543761	125.648351	125.363452
0.75333769	0.84853475	0.8322845	0.80982485	0.82886804	0.20380273	0.20334522	0.19852379
114.911096	114.17366	115.64272	118.820162	121.626611	122.086011	120.562885	118.589815
2.452663	3.0737554	3.43858469	3.78041308	4.29131467	3.86998508	3.75957123	3.90167877
6.84310836	7.23827972	7.28424575	7.90351286	7.30365796	7.08516813	8.05537348	8.51278169
0.33486128	0.3567428	0.38798716	0.41933882	0.45373959	0.4909117	0.52971951	0.5715875
1.23207865	1.11765696	1.10105209	1.26961063	1.4499397	1.43676937	1.41606508	1.59396655
0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656
0.22869473	0.23367944	0.23986209	0.2541687	0.27002101	0.2732121	0.27212541	0.31255449
0.16430684	0.17203492	0.16864637	0.18051509	0.19860386	0.15914476	0.15796657	0.17781205
0.549971	0.57520411	0.59403995	0.60977065	0.62548187	0.50754604	0.47669256	0.5201752
16.4151328	16.3058794	16.3471509	16.6846404	17.1590357	16.8834667	17.1689488	17.5506772
0.03337488	0.04345376	0.03990957	0.04278371	0.04590911	0.04627523	0.04678642	0.05550576
0.09717123	0.09710607	0.09081693	0.09074829	0.09681897	0.10194906	0.09679387	0.09626899
5.68831359	5.97799195	6.39131723	7.30802533	7.93705695	8.19469595	8.55898642	9.36500292
0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522
0.66434514	0.62941837	0.68824559	0.67875219	0.76313041	0.76538767	0.78368694	0.88426078

6.32041433	6.50813988	6.57339868	7.28543549	7.72099695	8.34353455	7.93456859	8.1881033
3.17039759	3.15841385	3.2878269	3.893076	4.01710133	3.91398176	3.96539448	4.21553698
5.54538897	5.63087178	5.57556731	5.88657371	6.10129673	6.57308414	6.33649559	6.51065552
0.96260266	0.895415	1.16545517	1.4025626	1.42150211	1.44106942	1.4624567	1.46908377
10.506482	9.79391901	10.9288154	11.931383	11.9585811	12.7271609	13.5240664	14.3387926
129.624716	136.118075	136.586985	132.024991	128.09968	135.043682	150.989209	149.478095
221.517738	226.258918	235.747153	257.747852	269.386902	291.231706	305.690565	308.456133
10.552147	10.7054912	11.1272219	11.2773635	11.9444941	11.6747167	11.8423468	11.8293055
123.766155	128.237076	141.152137	139.104209	130.240283	134.850085	138.182262	143.975834
33.0976406	31.6300436	25.062761	24.013246	24.5168851	27.7340122	32.37488	34.4341665
0.79920319	0.81514094	0.81798931	0.84701373	0.92649405	0.98008434	1.01921947	1.01262992
17.1501936	15.8907887	16.0328098	16.9280597	17.4890239	17.964259	18.0405806	18.1325917
102.511045	100.723344	105.392849	103.008501	101.711254	97.6110586	100.202583	100.918687
1.50890313	1.60536703	1.68837331	1.64645429	1.8005317	1.95168007	2.25046781	2.4614083
6.8697875	7.1139778	7.04540956	7.8292846	8.29738414	9.11968221	9.00942928	8.47634763
220.6993	218.027382	211.967435	211.343152	208.908213	207.050154	204.508748	200.358997
14.5869502	13.7346639	14.4128951	15.353239	15.9491509	15.3727824	17.4721033	16.3445412
4.8998863	5.81744023	6.4844684	7.98671947	8.7771703	8.59025137	9.66988647	10.7315231
3.93526767	3.9401935	3.15441429	2.67172845	3.27171545	1.84037656	1.48676423	1.12823966
3.29367455	3.37503816	3.69768976	4.06883241	4.50939257	4.80204395	5.11735573	6.3112196
0.03133161	0.03008969	0.02809797	0.02890141	0.03027995	0.03765622	0.03788194	0.04018903
0.028066	0.03228495	0.03533886	0.03727024	0.04018887	0.03763127	0.03894922	0.0462274
87.5842482	90.8799363	92.4608657	98.4002399	101.313818	103.465804	101.656319	106.220622
12.4851311	13.1450812	13.3411928	14.0230949	14.2059931	15.0181975	15.8653662	16.0491579
1.68830313	1.92160856	2.23339472	2.34945676	2.98734353	3.03617244	3.12169029	2.4653015
8.11951796	6.71741054	7.12248905	8.3468601	8.86324575	9.32474255	8.11229364	8.42025108
0.48000546	0.43951017	0.53719355	0.56270763	0.67753364	0.5822142	0.65406137	0.73623167
16.8848459	17.6875607	19.5594124	15.1355661	18.2731374	17.2220907	16.7700474	17.0637966
0.05114354	0.05899264	0.06440943	0.06656129	0.07058997	0.07088839	0.06687808	0.11534805
7.9824266	7.72388491	8.02564138	9.22965093	11.2887776	10.448462	9.95067907	10.1974947
0.29709989	0.30477251	0.29739719	0.29819633	0.34620336	0.37626718	0.36365164	0.41351254
4.28094975	4.27957431	4.76057865	5.05359059	5.43869188	5.68967567	6.04860113	6.27176673
6.6283173	6.48427618	6.19129584	5.75269526	5.57630074	5.68240919	6.06664205	6.20373835
2.72782983	2.7620154	2.88403044	3.05758289	3.08388141	3.23932632	3.24066832	3.224676
0.87383172	0.82532557	0.79485413	1.19838458	1.15174236	1.18130736	1.05773075	1.11492251
14.653439	15.2096862	15.4068806	16.3753813	17.042636	17.6768117	18.1646497	18.9526942
1.63486685	1.7225578	1.78580183	1.94712699	2.04503255	2.05750955	2.09801864	2.1620395
1.02260281	1.07077802	1.13828742	1.17677946	1.21944707	1.23885606	1.29314342	1.39187646
0.81093288	0.81317677	1.01833514	0.73799573	0.77502727	0.87711819	1.00198018	1.18707895
152.50665	150.639389	151.239628	150.505651	155.885115	151.373297	147.373286	150.133416
1.36025468	1.54482049	1.61624255	1.79604638	2.05388507	2.13443244	2.13411198	2.30684129
1.15693982	1.2677185	1.26619596	1.58447944	2.15695713	2.36896548	2.4838647	3.01893401
0.5443897	0.5444332	0.5509176	0.588493	0.5882093	0.60914468	0.67522566	0.71796646
3.02892165	3.51309664	3.96190768	4.33040449	4.43963435	5.93458071	6.10121402	6.3551622
1.97126636	1.91669359	1.98714542	2.01008769	1.76461323	2.1080282	2.16572214	2.7245763
2.38063036	2.57718938	3.02217241	3.13893087	3.46896766	3.27501809	3.25311272	3.59386616
1.13671119	1.03717239	1.15777496	1.18947025	1.16726955	1.7806026	1.86545514	2.20736785
0.364353	0.364353	0.364353	0.364353	0.364353	0.364353	0.364353	0.364353
0.95456286	0.9731907	0.99802782	1.03248018	1.09497575	1.11687142	1.13720407	1.20212203
0.41713123	0.44112107	0.41908126	0.40118176	0.4950905	0.56818503	0.65374807	0.75652398
44.3967862	58.1717837	65.1648922	61.2120449	62.8860705	60.5735406	60.8295686	64.7800103

1.76580186	1.87258589	1.98168788	2.06432585	2.06432585	2.04312357	2.06459909	2.04730145
1.25964085	1.31768091	1.44102981	1.30641415	1.29519892	1.32437746	1.41998258	1.50232066
1.03936784	1.10561624	1.17089794	1.20669916	1.08043576	0.95769978	1.03000762	1.16956903
35.1640839	44.8539555	49.1804406	44.7202965	51.2512124	51.2974388	54.9908041	58.8388688
1.7048967	1.71076301	1.88292963	2.12955646	2.19301129	2.33346641	2.08299884	2.15409017
32.6798219	31.1294802	28.4157997	28.8405565	28.9893555	29.8225341	29.8512011	29.4186354
15.1118621	14.980457	15.2825018	15.2383936	14.7592558	13.954746	13.9476956	13.5958473
1.66705454	1.87526498	2.13083243	1.80837774	3.04188452	3.74228965	4.03021433	2.49491947
13.5397116	13.6935104	13.8173128	14.3959106	14.6939852	15.66576	16.0180486	16.1814257
10.8407109	11.9467623	12.5373123	13.210506	12.4119103	12.3032337	12.1367426	12.0908198
35.7547576	36.5915371	39.0567084	44.0690819	49.1341176	53.8413435	49.335037	45.901959
3.71007129	3.70197236	3.94660801	4.3519894	4.70153227	4.85992817	4.81456686	5.10744063
18.0077343	19.5631183	19.3421891	21.1461742	23.1496118	23.4842477	24.1787831	25.5654512
24.4942987	25.563349	26.6464725	30.8210173	33.3354164	34.4551569	35.6394165	36.9061616
2.54140897	1.31007955	0.67274823	0.63250282	0.60552278	0.63302381	0.65130601	0.67134799
2.13897181	2.05696512	2.07447881	2.40583981	2.57649647	2.79763268	2.76388047	2.97268247
45.8746824	43.1784871	43.7913871	46.6543099	53.2599847	61.5437052	63.3228807	64.2933317
2.90180866	2.59676395	2.52272369	2.86018814	2.7191249	2.18522405	2.2194224	2.09113995
1.31532086	1.44179236	1.34078138	1.40774507	1.44603968	5.4314611	4.87017423	5.39843872
15.8319554	15.604746	15.6891072	15.7700964	16.3493369	16.6999543	16.8199191	17.196714
4.41977108	4.74472339	4.97757355	5.47468187	6.3965439	7.25420577	7.61386068	7.3764434
0.51950547	0.4980579	0.45602495	0.46701252	0.45026353	0.48010505	0.49384435	0.52035834
9.30276396	10.1887579	12.2667017	12.7923738	13.1801737	13.4513302	11.7594819	12.3309354
1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858
15.3167512	14.9202954	15.2769496	15.3956472	16.4625711	17.5914849	18.0804759	18.5506489
237.316892	238.703156	241.390079	240.606293	240.201833	246.059881	258.862398	256.101723
0.41128953	0.48895743	0.52707948	0.62368128	0.5688084	0.5626318	0.52395849	0.61052346
126.807404	128.904769	136.723213	146.938917	146.449148	142.909891	136.102812	136.432417
6.84865932	7.22517379	7.55873631	7.58854471	7.87817032	8.24183206	8.45040044	9.0004046
9.35855057	9.72305909	10.1200286	10.699486	11.9705846	11.8088891	12.1696644	12.4251228
618.584757	616.145529	636.799157	662.654805	680.257986	707.041346	709.848182	693.857345
2.10214058	2.33221841	2.44898298	2.71794046	2.96370166	2.62496137	2.89672447	3.09565576
7.01058618	6.51305379	6.73055316	7.21948917	7.40485527	6.63743992	6.38452502	6.29766528
0.00818269	0.00998438	0.00996737	0.01004614	0.01049366	0.01094119	0.01150285	0.01153016
0.20889943	0.19691794	0.1735401	0.15475645	0.14438529	0.1589133	0.16641202	0.17270407
0.43665855	0.5291876	0.54007419	0.44900628	0.48430597	0.47572681	0.46641826	0.47802137
2.73710666	2.77622029	2.7970176	3.29544625	3.44209186	3.3641843	3.47469619	3.74176964
0.38896359	0.39771408	0.37126478	0.3982915	0.42710073	0.42299119	0.42062429	0.47269131
0.00999829	0.01183653	0.01352422	0.01389993	0.01481276	0.01357345	0.01507164	0.01546257
0.06875395	0.0703007	0.06562547	0.07066726	0.07740576	0.07827102	0.07627341	0.09378312
0.69278646	0.61836693	0.66970341	0.67560102	1.00026177	0.82359044	0.67890991	0.88120724
6.46813354	6.47564307	6.05831475	5.96668642	6.73627101	7.79632411	7.72738061	7.82866616
5.58335638	5.28779965	5.30425436	5.27572986	5.64679357	5.77081974	5.74444152	5.53271638
19.3483233	18.8490426	18.3627302	18.4114829	17.5913833	17.3311042	16.4319409	16.358624
0.51928298	0.67317618	0.67033871	0.61132367	0.54920438	0.63338081	0.63338081	0.72338212
0.46028621	0.42389584	0.46312254	0.49694458	0.5833111	0.6068258	0.5331316	0.60238721
10.5704881	6.50586605	6.0414787	5.71174697	5.14930407	5.03041973	6.54209119	5.69342871
0.02042292	0.02381182	0.02764175	0.02928378	0.03179321	0.03201043	0.03280721	0.04013176
0.46221982	0.48969862	0.47575715	0.49940375	0.51818098	0.80392358	0.86314384	1.01030138
1.25872236	0.73810938	0.39461301	0.70811394	0.60946857	0.88498659	1.00679478	0.86403582
60.4560622	59.8357938	57.9301454	61.7410152	65.7252336	71.9889655	72.1121621	73.7792468

0.8787222	0.90365112	1.53600408	1.3312107	1.28780396	1.17954189	1.22567882	1.35813635
10.3849875	11.1152349	11.7660641	11.7660641	12.1288551	12.0914356	12.1424387	11.9052868
0.16417512	0.23293239	0.24973482	0.23962049	0.22965526	0.25642063	0.25955583	0.27561898
0.06646416	0.05990869	0.06121073	0.06263974	0.06405595	0.08457008	0.07405312	0.09086537
3.11272296	2.98299459	3.35368711	3.37147626	3.03208026	3.0464885	2.50246846	2.76982193
6.35640256	6.05507488	6.33117097	6.72495598	7.08304417	7.61476094	7.62725845	7.31963609
51.0565286	57.2043057	60.9324075	72.5081174	79.151654	82.8433564	83.3702111	83.5206808
37.9096823	37.8291401	38.4179757	39.4225299	40.668723	40.2341201	39.1181948	39.3810576
5.76996621	6.35110283	5.78633692	6.53051634	7.63757947	7.16819726	7.47715092	7.98368035
2.04161558	2.19260464	2.43519418	2.741858	2.94367166	3.10518074	3.38545348	3.52060624
31.2468944	31.3280621	26.9099868	23.0578386	24.292076	25.3546727	25.0952928	26.6671899
3.2646895	3.43283284	3.41876627	3.44940625	3.51793598	3.67527495	3.6281038	4.17497447
1597.53146	1646.93719	1639.84599	1700.04686	1711.21831	1724.01746	1762.23536	1757.34483
10.0528545	8.90339212	8.5175011	8.0355907	8.10900074	8.75973246	14.4745246	14.991579
0.0306074	0.02905501	0.03336879	0.03466637	0.03633614	0.03940452	0.03633927	0.03743283
54.2013662	53.3654092	52.8860172	46.2171065	40.5442018	37.1094369	32.5152866	29.8455544
0.02003244	0.02316351	0.02544392	0.02623818	0.02783003	0.02427655	0.03093699	0.02930437
30.0570571	29.2995931	29.9624984	33.1795684	36.7853243	40.0402445	41.8465793	43.5675508
0.08290406	0.07561964	0.08124216	0.07387085	0.07404682	0.09065583	0.11673705	0.11854866
0.15085236	0.13986773	0.13303452	0.15290859	0.15845627	0.17285125	0.1687075	0.19353605
5.47851153	8.30263413	8.37999477	3.1318862	2.58726805	2.43690388	3.03906952	3.06373312
48.8432418	53.6493315	51.2065327	53.5540238	50.9229795	55.4110065	54.2412445	51.6740987
1.61295866	1.66260105	1.8787952	2.10083752	2.07636492	1.86702258	1.84487532	1.84449613
2.55463122	2.8374378	2.55049171	2.34091141	1.8381022	1.99609307	2.62319345	2.23683611
0.00259967	0.00259967	0.00259967	0.00259967	0.00259967	0.00264481	0.00269261	0.00273775
0.01062219	0.01074879	0.01087688	0.01100198	0.0111256	0.01124922	0.01136986	0.0114905
0.01510227	0.01540785	0.01569094	0.01547527	0.01557708	0.01566265	0.01563358	0.01561252
0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417
0.00199651	0.00208962	0.00212563	0.00216164	0.00219941	0.0022363	0.00227144	0.00230657
0.0014304	0.01613869	0.00154591	0.00170185	0.0031592	0.00166912	0.0037483	0.00283577
0.0002794	0.00029099	0.00030258	0.00031481	0.00032704	0.00034056	0.00035408	0.0003676
0.01137709	0.02251089	0.00638353	0.00570201	0.00698155	0.00839125	0.00378584	0.00722005
0.00084914	0.00086107	0.000873	0.00088492	0.00089566	0.00090639	0.00091593	0.00092547
0.00366981	0.00366981	0.00366981	0.00366981	0.00366981	0.0036884	0.0037123	0.00373885
0.01920013	0.0188337	0.01884889	0.02052253	0.01834571	0.02206252	0.13213081	0.15224733
0.00209703	0.00214172	0.00218789	0.00223555	0.00228023	0.0023264	0.00237257	0.00241874
0.26865719	0.27204848	0.27539808	0.27868959	0.28183067	0.28491069	0.28792816	0.29088307
0.00165041	0.00165041	0.00165041	0.00165041	0.00165041	0.00167968	0.00170756	0.00173544
0.10196354	0.09849016	0.09650871	0.10674709	0.13320355	0.14267645	0.13318634	0.1346187
0.00994432	0.0098057	0.00962858	0.00956697	0.00944761	0.00925124	0.00911262	0.0089355
0.00669174	0.00696728	0.00705962	0.00715196	0.0072443	0.00741856	0.00812154	0.00819005
2.77440192	2.857377	2.9405245	3.02352329	3.10241406	3.18089101	3.25878388	3.33599135
4.5065E-06	4.5065E-06	4.5065E-06	5.1503E-06	5.1503E-06	5.1503E-06	5.1503E-06	5.7941E-06
0.01647095	0.01670925	0.01694457	0.01717691	0.01740032	0.01762075	0.01783671	0.01804969
0.00047228	0.00047347	0.00047585	0.00047705	0.00047824	0.00047824	0.00047943	0.00047943
0.05594287	0.05686759	0.05768022	0.05729127	0.05855837	0.06501426	0.06646185	0.06547168
0.17210144	0.17044651	0.16879157	0.16713664	0.16548171	0.16407511	0.16266852	0.15443993
7.0364E-05	7.0364E-05	7.1557E-05	7.1557E-05	7.275E-05	7.5135E-05	7.6328E-05	7.6328E-05
0.00094333	0.00094333	0.00094526	0.00094526	0.00094718	0.00095296	0.00096066	0.00096643
0.00038402	0.00039356	0.00040311	0.00041265	0.00042219	0.00043054	0.00044008	0.00044842
0.00179111	0.00184564	0.00190063	0.00195561	0.00200789	0.00205973	0.00211111	0.00216159



0.00085079	0.00085079	0.00085079	0.00085079	0.00085079	0.00087265	0.00089502	0.0009174
0.14428054	0.14797869	0.15211759	0.14722649	0.20459114	0.20475782	0.22146885	0.1880387
0.0102097	0.01029376	0.01037781	0.01046187	0.01055024	0.01064076	0.01072913	0.01081534
0.17787173	0.18114999	0.18305294	0.18152122	0.18406622	0.18725927	0.19049769	0.19462689
0.00014894	0.00013702	0.00012362	0.0001117	0.0001117	0.00011021	0.0001117	0.00011468
2.3716E-05	2.5472E-05	2.7229E-05	2.8107E-05	2.8986E-05	2.9864E-05	3.0743E-05	3.1621E-05
0.00414426	0.00485699	0.0040525	0.00242159	0.0061776	0.00438831	0.00791898	0.00765836
0.00701034	0.00701034	0.00701034	0.00701034	0.00701034	0.00700769	0.00700503	0.00700238
0.0360372	0.03665053	0.03724992	0.03784373	0.03843894	0.03902997	0.03959869	0.04011862
3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05
0.00019362	0.00019362	0.00019362	0.00019362	0.00019362	0.00019511	0.0001966	0.00019809
0.00904706	0.00942148	0.01030574	0.01029511	0.01091383			
0.0035587	0.00769655	0.00899415	0.01203454	0.00982284	0.01184341	0.00905374	0.00897504
0.16895629	0.16381365	0.16435848	0.16621498	0.15846188	0.16085999	0.163804	0.16622999
0.00015966	0.0001661	0.00017253	0.00017962	0.0001867	0.00019378	0.00020151	0.00020923
0.01467387	0.01585035	0.01617792	0.01650131	0.01680937	0.01711185	0.01740876	0.01770009
0.00013103	0.00013103	0.00013103	0.00013103	0.00013103	0.00013521	0.00013939	0.00014497
0.00916921	0.00484351	0.00041425	0.00057357	0.00073821	0.0006612	0.00048063	0.00110732
0.03478668	0.03596133	0.03431467	0.02420843	0.03102567	0.02820437	0.0373709	0.03766618
0.03450163	0.01350138	0.01159598	0.0083439	0.00966745	0.00747467	0.01500391	0.01039715
0.00129724	0.00130469	0.00131065	0.0013166	0.00132256	0.00132852	0.00133448	0.00134043
0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	5.9631E-06	5.9631E-06	5.9631E-06
0.0155401	0.0157635	0.01598542	0.01620436	0.01642329	0.01664074	0.0168567	0.01706819
0.02914981	0.03875118	0.04001408	0.04128673	0.04259842	0.04391708	0.0452427	0.04658087
11.3013994	11.2669327	11.2820708	11.7255279	12.0076516	12.2292231	10.8517613	11.0541613
550.791185	560.348381	484.952834	507.133133	515.394548	513.353982	502.417512	490.660636
173.84334	165.843123	164.625082	174.207295	168.327841	173.147272	175.584026	170.243719
383.822094	376.817853	365.909665	363.667867	368.092554	368.57116	374.587838	362.440298
1156.36367	1094.28646	1029.9436	1046.21398	1027.99662	1028.13175	967.288718	851.564712
211.432861	201.388036	205.332963	204.128962	204.820302	210.622193	206.836386	203.819345
757.645174	750.602912	757.452334	772.032225	791.109638	805.839443	805.103274	811.539488
6.18794399	7.79096952	6.3976928	7.10593251	7.02754079	6.81250313	6.84165401	6.83449271
133.739714	137.279671	134.22649	137.430842	136.881733	134.63019	135.033471	140.318447
3231.36403	3349.87331	3292.2418	3317.82004	3350.07143	3421.0282	3434.20876	3379.67288
2463.48907	2504.344	2467.04334	2538.31567	2453.05128	2513.88144	2577.43266	2710.31916
6335.98693	6363.80307	6427.76819	6291.93037	6149.8989	6078.26567	6213.44046	6249.928
13403.9608	13643.0255	13701.0065	13402.2602	13456.9323	13770.7801	14217.0224	14088.0101
2741.09268	2823.53361	2885.73636	2857.50977	2972.85186	3032.31128	3105.91041	3198.01078
7196.35749	7381.14584	7503.5418	7737.74941	7886.81162	8079.33978	8273.93317	8282.47875
15.7229196	18.13325	16.2052141	17.4501605	17.1615619	17.2353369	17.5725116	17.6960232



2020	2021	2022	2023
0.06479523	0.04669237	0.02361712	0.01514237
0.06055238	0.04834761	0.04853619	0.04895465
1.92547116	2.12420446	2.27061584	2.40589407
0.05583809	0.04462857	0.04491143	0.04523671
2.66430447	3.21566629	3.31589199	3.4267435
0.05023333	0.04489047	0.04196227	0.0399305
0.26117142	0.13257619	0.13634761	0.14077022
0.04033333	0.03645714	0.03614285	0.029612
2.32246634	2.56739965	2.68747774	2.81820539
0.87209045	0.84123807	0.79637416	0.79146047
0.0200619	0.00534286	0.00381589	0.00301196
0.54863805	0.47719045	0.46893355	0.45224035
11.5229706	12.8319705	12.9799189	13.2291197
4.07686144	3.6940091	3.70353801	3.79282182
0.04279523	0.04310952	0.04838952	0.054695
0.34655233	0.36918089	0.38182216	0.39621453
16.2811501	15.9153216	15.4808216	15.0615736
0.0827619	0.12209999	0.12883618	0.13597322
0.08831428	0.07328095	0.07442285	0.07612855
0.65790469	0.65140946	0.64543803	0.63956115
0.15567618	0.14399523	0.14449809	0.14500558
0.03237143	0.03174285	0.02577143	0.02226646
0.00565714	0.00345714	0.00355143	0.00364925
0.14891902	0.15897617	0.14714115	0.13589241
0.73427614	0.69457138	0.61926854	0.56596882
0.11450476	0.0561	0.05870857	0.05581714
0.20774284	0.18039999	0.18357427	0.18689105
0.15750951	0.11172856	0.10097999	0.09311457
0.47677139	0.54429044	0.54460473	0.54573027
2.81469021	2.79834735	2.78719551	2.76084867
1.33702372	0.97533327	0.91412555	0.88900607
0.08642857	0.07102857	0.07102857	0.07102857
0.40605707	0.4032285	0.43641706	0.47233728
1.9242142	2.09371894	1.98550877	2.23179712
1.83699996	1.56252378	1.45175553	1.43603287
0.10298095	0.08412381	0.08534952	0.08676645
0.19349523	0.14829047	0.14870343	0.14302606
0.56838569	0.4347095	0.43898378	0.44338214
0.09837141	0.07165713	0.06619163	0.06103191
0.16091427	0.16426666	0.16716737	0.17251768
5.58380886	5.84283264	5.91299359	5.89157552
30.9690811	29.2446479	29.9048363	30.5826652
0.18390951	0.17311903	0.17711046	0.17864804
1.62627117	1.60552831	1.65113036	1.69290489
0.12435236	0.11481903	0.06425047	0.03692899
	0.00062857	0.00071238	0.00080737
0.06531904	0.07165713	0.07181428	0.07143575
0.90304752	0.82850943	0.80056711	0.78257244
0.02147619	0.01498095	0.01479238	0.0146092

0.64292378	0.61060473	0.57885836	0.57346728
0.42559523	0.46048095	0.46006784	0.45240439
0.25121903	0.19648094	0.19833523	0.20024301
0.1025619	0.12822857	0.12822857	0.12822857
0.42821422	0.45634279	0.45512191	0.45512191
0.00398095	0.00314286	0.00314286	0.00314286
0.03184762	0.00538476	0.00532269	0.00526139
0.02173809	0.02676666	0.02712222	0.02694444
0.35419996	0.18301902	0.15831617	0.13707039
0.47404761	0.41108571	0.41281428	0.4146534
0.20952381	0.21125238	0.21027809	0.20940283
0.52616665	0.2535238	0.20539619	0.1668532
0.14540952	0.11324762	0.1126819	0.11213504
2.65058072	2.71092361	2.68062647	2.65114836
0.03808095	0.02063809	0.02082667	0.02102394
0.19155712	0.17442855	0.16359617	0.15542789
1.2537904	0.98999996	1.08678948	1.19669997
0.0200619	0.01691905	0.01691905	0.01691905
1.17469519	1.45446188	1.42315903	1.39988131
0.77785701	1.27013316	1.46064266	1.68004028
0.15316189	0.13770951	0.13673523	0.13577855
0.14451905	0.13729048	0.15867238	0.18464314
0.00560476	0.00529048	0.00529048	0.00529048
0.17626188	0.23597616	0.24666187	0.25794563
0.99623324	0.90063801	0.9035923	0.90656549
5.48878965	5.58705626	5.60273911	5.6200947
0.88298567	1.26468567	1.2249851	1.18528918
1.4984094	1.26929517	1.19707233	1.13891458
1.90519993	1.73270946	1.67954856	1.65279065
0.01267619	0.02540476	0.02540476	0.02540476
0.03478095	0.03383809	0.03368254	0.03206552
0.07495714	0.08003809	0.08783237	0.09704797
0.00178095	0.00178095	0.00181238	0.00184444
1.14248091	1.05599996	0.85535943	0.84421554
7.16639515	5.93119994	5.9681285	5.81098598
0.16300951	0.28898567	0.28335996	0.27787499
0.45759997	0.18275713	0.1704057	0.15966962
0.04808571	0.13749998	0.10401808	0.08004173
0.05651904	0.00890476	0.00714476	0.00625441
0.27185713	0.18652856	0.18845618	0.19042352
0.1272857	0.12901427	0.13017609	0.13005549
0.00335238	0.00272381	0.00267996	0.00267996
0.01817619	0.01597619	0.01585048	0.01533099
0.0700857	0.03818571	0.03919142	0.04037593
2.29831876	2.18601402	2.14946498	2.10419055
0.09161428	0.03614285	0.03944285	0.04331089
0.91409993	0.87481422	0.86403422	0.85357367
0.00942857	0.00942857	0.00942857	0.00942857
0.1474	0.19789524	0.16508032	0.16514946
2.98581875	2.31057596	2.2690204	2.27027878
0.06914286	0.1188	0.11976094	0.11719843

0.28311902	0.13776189	0.12987332	0.12312928
2.93113316	2.70867127	2.74723716	2.38703956
0.3585476	0.60206663	0.62991233	0.66114696
6.80192772	6.35941349	6.34874836	6.31506711
1.91782377	1.79027614	1.83565601	1.77218291
0.14996664	0.14205712	0.12206855	0.10502274
2.56897126	3.07853317	2.75720641	2.63047824
0.88240944	1.39464271	1.41999151	1.55159719
0.16269521	0.20140473	0.2145733	0.22802638
0.0748	0.1003619	0.09696761	0.09627575
0.03802213	0.04140734	0.04112389	0.04312514
0.56227422	0.57909092	0.60673488	0.62306714
5.3547212	6.15406764	7.05218156	7.36917724
1.4089E-05	1.362E-05	1.3525E-05	1.4212E-05
0.74451869	0.79558226	0.7827003	0.79355813
0.14167745	0.1389344	0.13710828	0.14378052
0.53469615	0.6743415	0.77574825	0.79713415
36.3341527	39.7992486	41.2473686	39.9278243
2.18891527	2.33094562	2.21553566	2.39725971
0.0231747	0.025238	0.02506524	0.02628501
19.2724169	21.4099152	20.7577757	20.5616735
8.42714581	9.4138129	7.94618868	7.43321032
9.25537016	9.6411171	10.2394461	11.2843511
0.05978586	0.06407438	0.05939371	0.05941459
23.4578318	24.7857965	20.865438	19.7144434
0.41012399	0.18589117	0.19357218	0.18756821
0.36945223	0.39595358	0.41231783	0.39952973
11.1892578	11.6451096	12.0042133	11.1031397
1.41146724	1.7034959	1.76719923	1.45161391
0.24859073	0.24414656	0.24190473	0.24187049
0.1207402	0.1315044	0.13060131	0.1369715
0.81230354	0.85552263	0.86789328	0.85737011
6.66252649	7.47278821	7.27805134	6.93086546
0.01822123	0.01984352	0.02094853	0.02226512
0.02650673	0.02738442	0.02719697	0.02852048
2.37782326	2.75123008	2.83577018	2.9179682
40.2788606	40.1100326	40.6381548	41.3407372
0.05083053	0.05525825	0.054874	0.05757468
0.1414359	0.08954243	0.08939568	0.09112901
0.10190924	0.10472254	0.10984206	0.11281715
0.11426933	0.13026412	0.14126163	0.14526057
0.02346464	0.0251478	0.02881782	0.03011319
89.5787304	87.9664993	91.9027306	90.4156819
11.0346016	12.3870546	9.96305604	9.76397824
7.3045921	7.68228093	7.96654303	7.98970697
613.493577	591.175517	603.542229	648.631127
1.3232081	1.44811671	1.50796548	1.4611957
0.68553804	0.70475299	0.80760341	0.8439052
0.00017008	0.00016677	0.00019111	0.0001997
0.0715788	0.07418355	0.08500977	0.08883096
0.0173677	0.01784714	0.01871963	0.01922665

8.45617887	9.30431699	10.4220381	10.7828441
0.02660213	0.02851034	0.02642764	0.02643693
0.07787497	0.08346106	0.0869104	0.08421486
0.48309818	0.54546229	0.57142181	0.607335
3.07950041	3.22241648	3.19703305	3.36941886
0.02567886	0.02796512	0.02777369	0.02912527
0.52173329	0.48880033	0.51811635	0.5170648
11.2164914	11.6469481	10.6565576	9.6219122
131.279672	129.39504	128.603068	123.633486
0.051077	0.05474083	0.05074198	0.05075981
0.0056347	0.00613637	0.00609437	0.00639094
3.95359415	3.97415328	3.71722187	3.66868971
1.65929138	1.8481825	1.835531	1.92485528
31.6118846	30.246551	32.7084371	30.8341663
5.99058713	5.97836117	6.1750006	6.59275866
19.156064	19.2937053	17.98289	17.6304745
0.04965461	0.05061735	0.04691972	0.04693621
0.02393837	0.02925801	0.03229856	0.03211569
31.3283598	32.5566477	30.3578335	28.6109651
0.68268343	0.62299958	0.57569388	0.53825958
1.51223823	1.55506538	1.44146691	1.44197358
3.94320438	3.56077534	3.44114403	3.16858088
0.26479976	0.27210979	0.28541229	0.29314272
0.00144713	0.00157598	0.00160924	0.00162418
70.372738	74.7482236	63.6899129	59.1680453
0.15707867	0.14616214	0.16749279	0.17502159
88.4609767	93.2148298	80.9081986	74.3996947
2.64765534	3.00857827	3.23189584	3.36934257
1.33001749	1.38319593	1.09104282	1.05720395
0.23775723	0.25481191	0.26534295	0.2571133
0.06428961	0.06428961	0.06428961	0.0674182
0.04661942	0.04996351	0.05202843	0.05041476
0.02652364	0.02842622	0.02960104	0.02868296
0.1007715	0.10776608	0.12348874	0.1290359
6.73805284	6.00170385	6.56921375	6.38349733
0.01022679	0.0111373	0.01106106	0.01159934
0.31695229	0.31987383	0.33167824	0.33663004
1.0356699	1.1911239	1.25745311	1.33648255
0.02111185	0.02111185	0.02111185	0.02130789
0.31949631	0.27861773	0.28449807	0.28713987
1.52181738	1.52146674	1.4605103	1.58989314
0.56625957	0.71117592	0.8077444	0.85851017
2.72912313	2.85812142	2.72699781	2.76421246
0.26471629	0.25994488	0.25816546	0.27072883
11.887747	12.5772112	10.8085964	9.69625919
28.6708699	30.9388021	30.4820797	30.5628225
188.694798	201.151601	208.840652	221.759053
9.21652157	8.70142403	8.11905183	7.49704191
165.263746	170.196605	177.422013	180.948497
9.45259	9.70903717	10.9428395	11.6103897
0.53698693	0.60130925	0.55089749	0.51752766

1.64648919	1.57424633	1.65120911	1.63613282
67.0095131	65.2893405	56.9190245	52.2812494
0.37649662	0.36406896	0.36157677	0.37917254
2.64873831	2.60245539	2.57855889	2.57819387
121.943929	117.281184	115.158866	109.051849
39.2710305	40.5670331	40.2955755	40.7176689
1.94330455	2.19799462	2.05052647	2.05124721
4.08256788	4.23015416	4.20654876	4.27389816
1.19379944	1.21964987	1.27927431	1.31392364
0.0118756	0.01220344	0.01280002	0.01314671
0.00851735	0.00927567	0.00921218	0.00966048
55.0612125	53.1944669	53.0998263	51.4201885
0.73218517	0.84026752	0.79868738	0.79047927
0.07844799	0.07857876	0.0824202	0.08465257
0.79097447	0.62026873	0.61457324	0.61448624
0.1098163	0.11769359	0.12255771	0.11875657
1.02574183	1.04264018	1.15099315	1.14447647
0.02125112	0.02314316	0.02298474	0.02410327
1.70394907	1.4276133	1.19151725	1.30902542
0.06167953	0.06610389	0.07116563	0.07336507
1.21799119	1.39809822	1.19047614	1.07070055
1.64410048	1.7016523	1.46938093	1.40167335
1.28023276	1.35345447	1.16569234	1.13899658
0.33273964	0.34391985	0.36006089	0.369711
10.5011468	10.9228074	10.9961991	10.904459
1.59857736	1.87771753	1.83092178	1.9228676
0.30677448	0.36777399	0.34090788	0.3410277
0.3507065	0.36038807	0.37800619	0.38824454
30.4124948	30.1926965	27.4792836	28.0446642
0.22199695	0.21838337	0.23285884	0.23846134
0.45030296	0.48260386	0.50254924	0.4869626
0.14491725	0.15068995	0.15570757	0.15260918
6.78639461	5.91447383	6.20352819	6.37153888
2.6983066	3.10969677	3.23543313	3.50459908
0.12296988	0.19638903	0.19122183	0.19334211
0.32924976	0.35286733	0.36745088	0.35605433
0.04629657	0.05528371	0.06330729	0.06638807
0.2021967	0.21778632	0.23082633	0.23090746
0.18382623	0.17527153	0.17174587	0.17870071
6.62706684	7.00647886	8.45239588	9.43250238
1.27251101	1.3054279	1.40538773	1.44882266
0.44383812	0.45609067	0.47838736	0.49134455
0.13973675	0.257498	0.26787919	0.25952214
4.35480374	4.79048866	4.98847328	4.83375501
0.66984037	0.73000699	0.77065833	0.8190933
28.488847	31.0934726	24.8886925	23.5378971
2.39293127	2.41540717	2.38017132	2.37183078
2.37125843	2.50298542	2.62289198	2.71089274
3.42958751	3.39666319	3.31971173	3.49636003
17.0985775	19.0210837	19.7679882	20.417311
21.966486	23.0859416	20.2409768	19.0879776

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4.27917988	4.76191181	5.07436336	5.21576023
11.3903214	12.1856603	13.3768311	13.9919096
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0.64682107	0.64687086	0.6771662	0.69530541
47.7119773	49.2774064	46.1709766	43.3787068
0.67406233	0.67465008	0.66957954	0.70546814
12.3121423	10.0179084	10.4175685	11.3218381
4.03540245	3.96432998	3.76109951	3.418625
0.23181471	0.22607751	0.20582854	0.20773983
0.15373517	0.15797916	0.16570221	0.17019028
0.39305495	0.399305	0.46139469	0.48452413
0.21582497	0.21582497	0.21582497	0.21590083
11.4039942	13.1109942	12.0406612	11.440022
233.190052	250.630009	260.53272	263.189639
0.14799627	0.16029686	0.14858707	0.1486393
4.76103092	5.07097977	5.46424754	5.70807064
3.19013024	2.94314225	3.05691717	3.09140154
1.46166714	1.32498924	1.22819797	1.22862967
0.53879242	0.58926718	0.60573691	0.58694989
0.58712602	0.6525762	0.72278644	0.73192143
3.1159E-06	3.1463E-06	3.3981E-06	3.4993E-06
0.05102309	0.05243163	0.05499483	0.05648437
0.07130286	0.07641752	0.07957575	0.0771077
0.69797319	0.66237683	0.6992621	0.74320989
0.07050543	0.07556289	0.07004298	0.0700676
0.00309431	0.00319677	0.00325077	0.00326684
0.01398869	0.01499212	0.01718004	0.01795229
0.57875246	0.56505887	0.57698465	0.58234244
4.26601417	5.02477879	4.56025682	4.35328712
1.19103422	1.07523305	1.07702862	0.9772015
2.41448481	2.36166779	2.04487962	1.97346126
0.10711493	0.11554736	0.12439511	0.12823967
0.08985087	0.096296	0.10100358	0.10373928
3.08132472	2.9078232	2.88112273	2.88071488
0.00739383	0.00805212	0.007997	0.00838617
0.12958808	0.13172516	0.1509489	0.15773406
0.0666494	0.07015174	0.07305102	0.07078533
13.4714042	13.2630642	13.0877287	13.0552301
2.18342318	2.3338137	2.29563129	2.31796089
25.6491772	25.6790796	26.2729864	25.9676824
0.08142792	0.08367581	0.08776643	0.0901436
0.02684495	0.02758603	0.02893461	0.02971831
0.4231782	0.42652976	0.44331756	0.43850523
4.0146035	4.20866493	4.2795624	4.37409897
71.4630664	71.7088329	71.0482462	68.317866
11.0250101	10.8584319	10.359373	9.97077506
0.76047172	0.88710763	0.82230388	0.82259291
0.54898344	0.65482874	0.6069931	0.60720645
23.8438839	23.2030125	16.3058162	16.529368
0.89213212	0.8904151	0.91356663	0.93124807

547.222379	561.826377	589.725336	593.486741
37.6459334	35.9819894	37.487138	36.8284246
0.00689658	0.0075106	0.00745919	0.00782218
2.29241721	2.79733186	3.17854176	3.74849354
0.00539947	0.0058802	0.00583995	0.00612414
14.538331	14.369182	15.4157574	17.3735644
0.03501902	0.03598574	0.03774496	0.03876729
0.05717762	0.05875606	0.06162844	0.06329766
2.50095722	2.47646795	2.4537283	2.45338096
23.3246196	24.1029386	23.7697413	23.6848379
0.37383141	0.299366	0.2761793	0.27627637
1.3046293	1.88778488	1.77230288	1.7895874
0.40478631	0.19162993	0.19214688	0.19559186
4.90883839	4.52310289	4.21328387	4.44186059
0.14086468	0.15399061	0.1399708	0.12482219
4.63166878	4.72875788	4.99885163	5.04960742
24.244398	22.7610192	22.8194936	22.9283482
0.20175327	0.22640669	0.21282409	0.2017302
47.3162283	45.9766405	46.1217411	44.9383039
5.76088715	6.15544776	5.7106523	5.70567476
3.01783042	3.13495415	3.19825637	3.519349
5.91277162	6.15130229	6.00794056	5.90578306
0.00411359	0.043734	0.04565803	0.04596967
1.28254383	1.35654354	1.33087496	1.32565875
2.1048356	2.49491243	2.59646065	2.62823503
4.0535028	3.74085218	3.65418212	3.74775044
4.0134E-05	4.9636E-05	4.7789E-05	5.7733E-05
1.82662183	2.10527099	2.05880416	2.05105262
3.01647777	3.02022228	2.86764222	2.89478169
0.0015586	0.00507786	0.00588725	0.00539629
1.10898724	1.14718474	1.21883066	1.30542316
29.6736701	29.9977993	27.842827	27.7818386
0.00074273	0.00065561	0.00063907	0.00066326
3.6072891	3.47111047	3.20005979	3.24443729
0.0025265	0.00214394	0.00203511	0.0019974
0.01667741	0.01873732	0.02280788	0.02344806
133.716431	137.880145	142.652434	143.424641
0.37684299	0.32846423	0.41018136	0.38311935
2.34296517	2.90174615	2.58576588	2.42804467
695.188183	704.213978	684.243903	713.511883
0.39350283	0.36563006	0.38527841	0.40052956
1.77372648	1.53808009	1.46953356	1.31295682
0.45052462	0.43758085	0.39889948	0.22132144

3.53656591	3.00984943	3.59571816	3.3025791
3.5176E-09	3.343E-09	3.4011E-09	3.4603E-09
7.46974827	8.89845862	9.28224075	9.75589836

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0.48928147	0.50156008	0.3786643	0.43477961

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27.5390183	30.0073592	27.5762323	24.0713486

1.66944586	1.81923003	1.76961958	1.75508648
0.34556318	0.39389472	0.34795447	0.38624917
33.4262835	30.3184112	30.1714495	28.4577857
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7.0021E-05	7.4406E-05	7.7265E-05	7.9394E-05
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5.3632E-08	5.097E-08	5.2498E-08	5.4072E-08

16.8114461	18.2590043	17.7985267	15.0395783
3.17699709	2.95168382	3.06098846	2.60999571
27.6459205	26.7492109	25.7592877	23.6536107
0.1864054	0.18036525	0.16231043	0.14484035
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3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07
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0.00996959	0.01039965	0.01108778	0.01033075
0.27536346	0.26922885	0.24136374	0.25846212
1.1101E-07	1.1101E-07	1.0522E-07	9.6343E-08
0.56434903	0.28301434	0.38228285	0.27737002
0.24543517	0.22653723	0.23149383	0.14798373
	0.02170584	0.01788929	0.01845083
0.88046395	0.89949804	0.88535392	0.90473178
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29.4756807	26.9038137	27.5292308	29.3371756
94.644956	94.84572	125.267961	133.591237
0.55199192	0.50627367	0.47922763	0.43956073
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0.01942702	0.00710638	0.00710627	0.00710628
0.44384197	0.37942328	0.4562655	0.50364478
47.5246414	49.287792	39.3205096	35.0589096
17.6917663	21.9588045	22.0921893	21.9157331

0.0942086	0.05982387	0.06593398	0.07195132
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2.4053E-09	2.2859E-09	2.3517E-09	2.4194E-09

55.3994109	55.6184965	51.8702543	49.0789388
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7.1031E-08	6.7506E-08	7.099E-08	7.4654E-08
56.0821969	57.4873505	58.604967	60.4074093
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0.00014081	0.00173181	0.00173181	0.00173181
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26.4326943	24.0812589	20.6292846	21.2522659
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34.2534743	34.2912755	36.0682201	35.4118279
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1.0334E-08	9.8212E-09	9.9193E-09	1.0018E-08

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0.14070003	0.14215237	0.14910171	0.15314015
17.0824179	17.0211144	17.5235786	19.060232
0.40074978	0.40074978	0.40074978	0.40089064
13.378128	14.3258268	12.5651834	11.9187938
272.320047	286.602054	310.873356	314.66026
0.28499457	0.27781693	0.26937958	0.27828542
86.9346469	85.6788845	89.5929505	90.3433719
3.64133298	3.68358366	3.80895086	3.8406704
1.80848332	1.62319184	1.50461669	1.50514555
1.30581749	1.50836102	1.38478438	1.31049613
12.2440051	13.0040111	13.4317574	14.2402521
0.00010741	0.00010845	0.00011713	0.00012061
0.04669687	0.04717888	0.04948529	0.05082561
0.13382287	0.13175512	0.13720039	0.1329451
1.36191214	1.67355203	1.76612549	1.87722814
0.13232625	0.13028162	0.12076447	0.12080691
0.0021617	0.00264101	0.00268562	0.0026989
0.0262543	0.02584863	0.02962094	0.0309524
0.10293501	0.10236325	0.10452367	0.10549426
7.21007491	7.98556687	8.26050421	7.99577001
1.77754225	1.81334171	1.6959395	1.63230196
6.54318624	6.73887291	6.52759325	6.33916917
0.25133143	0.27111181	0.29839604	0.30528039
0.16863422	0.16602857	0.17414513	0.17886188
2.51115703	2.39857027	2.36740705	2.38248904
0.00516537	0.00665225	0.00660671	0.00692822
0.24321394	0.22711369	0.26025826	0.27195688
0.15625335	0.16446555	0.1712627	0.16595096
53.8840022	53.9691431	57.8140898	52.9672921
1.31063588	1.40610002	1.29622987	1.33275789
0.65520873	0.65520873	0.66907739	0.65508
0.07452368	0.07529294	0.07897375	0.08111276
0.02456878	0.02482238	0.02603586	0.02674105
1.69090095	1.88021237	1.89015828	1.80144716
4.43169832	4.84496351	4.8228921	4.99293939
73.2847891	81.3593775	73.8101422	71.4168382
32.3933626	34.9866803	33.6712752	32.2334157
2.6904047	3.2778088	3.48278127	3.75269948
1.15136811	1.26411339	1.17176914	1.172181
35.1625441	33.7621291	20.5168335	19.1013358
0.82609541	0.92947801	0.95060644	0.96292355

437.455653	445.756391	451.437214	444.511718
11.7861555	12.98939	13.5577266	13.3972322
0.00481799	0.00620488	0.0061624	0.00646229
7.18058164	5.38859342	6.38646184	7.0613692
0.0037721	0.00485792	0.00482467	0.00505946
95.5737816	95.8795205	88.5516383	107.08125
0.03204977	0.03238059	0.03396357	0.03488347
0.05232955	0.05286972	0.05545433	0.05695632
1.10320536	1.08334826	1.16614087	1.43549256
48.2394348	49.0557727	47.973307	47.9748251
1.15465419	1.72287128	1.79688032	1.85350972
1.39933566	1.58098522	1.64628887	1.78121603
0.23292327	0.25301031	0.25127836	0.26350657
1.84256104	1.95186122	2.02531164	2.13201774
3.56132165	4.03790927	4.47024794	4.54464239
0.00086982	0.00088038	0.00086853	0.00094024

0.44534894	0.53071391	0.53440618	0.56041253
68.469607	70.6678586	68.6958942	65.2787041
39.0082768	47.0443498	45.2057504	39.3521272
1.42388498	1.62611504	1.53921983	1.67372459
0.14196801	0.15421118	0.15315555	0.16060871
179.61826	171.952748	161.122487	155.398778
11.4108672	12.2068864	11.0569604	10.185016
12.2387559	13.0645665	13.8711026	15.3515542
0.14917443	0.15157582	0.14050312	0.1405525
15.6799654	14.6890951	14.838245	13.5640744
0.50531245	0.52287684	0.51427275	0.49838348
0.92183716	0.93667684	0.97538846	0.94513664
46.1550551	55.3200008	58.3449762	57.0260126
17.2836281	21.4771575	26.3193477	16.965685
23.3118038	23.6746741	22.8553745	23.7863567
0.73924538	0.80300689	0.79750819	0.83632731
13.8230399	13.1144071	12.7951705	12.090411
27.7867205	27.9579733	27.4450609	25.1826588
0.11162313	0.12124938	0.1280013	0.13604603
0.16238004	0.16732643	0.16618102	0.17426805
3.17488392	3.23576823	3.46075683	3.82354995
62.4576491	87.8687729	50.4855621	47.7818511
0.30989536	0.33656157	0.33425391	0.35053909
4.47182339	4.53179202	4.42997706	4.60767117
0.28527485	0.26956802	0.28189938	0.29538338
2.94829151	3.35060532	3.800514	3.84862132
0.05854771	0.0594902	0.0681721	0.07123644
77.4698354	76.9805173	74.1806476	73.8509572
2.7364961	2.68330559	2.55098877	2.51974145
35.1201367	32.8074641	29.0230915	23.6465555
5376.57794	5943.08081	6093.1257	6472.94708
3.58981531	3.82021455	3.66088515	3.54798247
2.54470388	2.06272349	2.05758479	1.9032149
0.00471661	0.00181275	0.00207729	0.00217067

2.22512743	2.30100525	2.20364028	1.95343727
0.02949376	0.03027721	0.03175736	0.03261751
18.2888744	12.8244901	12.4254713	14.9469895
0.06637619	0.06744471	0.06251784	0.06253981
0.19430941	0.19743739	0.20559722	0.19922059
0.02084154	0.00502095	0.00466293	0.00495599
11.0583788	10.6540508	10.5568903	11.1931011
0.15730851	0.17087463	0.16970493	0.17796345
2.98929079	3.06463106	3.09434668	3.08806647
42.7347329	45.7688203	46.7229051	39.8682896
203.956307	233.586429	229.639506	177.563788
0.12744456	0.12949615	0.12003638	0.12007857
0.03451813	0.03749494	0.03723827	0.03905043
5.68025604	6.73281385	6.05341974	4.84928262
11.7115076	12.1709102	12.255065	13.1855704
38.5285446	43.5370264	46.4164292	42.7795978
4.54530598	4.45273114	4.62980546	4.84232109
69.2721747	84.2608704	87.8877045	89.2782214
0.30879829	0.33214142	0.30787829	0.3079865
0.03455549	0.04223449	0.04662357	0.0463596
39.8935342	40.6227832	42.8745986	31.3388691
3.48721135	4.85143119	5.15873149	4.21155987
0.00440202	0.00467814	0.0043364	0.00433792
12.0834331	12.6478163	10.9844651	8.96925652
0.44968217	0.46162857	0.48419597	0.49731058
0.00886513	0.00962965	0.00869422	0.00940277
33.9996001	36.0186354	38.2852449	23.9413564
1.14674053	1.20899089	1.2458889	1.1893831
62.7134189	67.625738	68.9139806	53.8591031
1.22162508	0.98475407	1.05844884	1.10392476
6.36403547	7.36553758	8.29685326	8.04090987
0.10830857	0.11767556	0.12648189	0.13191615
0.59323893	0.60278886	0.62770133	0.60823308
0.52430926	0.52430926	0.52430926	0.54982425
0.11632225	0.11819481	0.12307965	0.11926231
0.06618035	0.06724571	0.07002489	0.06785306
0.55794366	0.58200307	0.54754044	0.47588307
18.1965972	18.8521035	17.626122	14.8438133
0.06264921	0.068052	0.06758616	0.07087517
0.08817233	0.08851912	0.09178577	0.09315609
3.86302372	4.08468682	3.05571981	3.47018416
0.17217617	0.17217617	0.17217617	0.18620783
0.9270796	0.92515569	0.8371292	0.90530872
22.5079112	23.7494398	23.3626739	23.6988378
3.28632262	3.06115694	3.3201492	3.53314698
2.84488971	2.93674778	2.70685986	2.51280784
0.83880347	0.8437998	0.83802368	0.87880526
10.7528529	10.0231858	9.31074531	7.63857161
224.939078	240.256059	254.638598	269.898788
1057.47323	1165.72175	1265.69459	1376.99352
8.4307993	9.96098957	9.61788904	8.43914033



160.625292	165.932833	168.249314	170.524679
55.5316544	53.8651966	60.4779254	62.9109612
0.00176776	0.0025536	0.00305232	0.00286743
33.2798131	32.5690783	33.0844437	31.6707584
86.5087573	93.1328068	100.683	84.0955928
2.16063096	2.20301672	2.15103568	2.44223128
8.22199656	8.10718258	7.84670896	8.13433405
482.234838	481.885783	432.855219	397.903952
104.01392	115.763635	112.296817	110.469711
0.70896433	1.18361593	1.12572421	1.12611989
2.33824412	2.81024409	2.5871618	2.63988099
4.43473898	4.03635348	4.20050839	4.54334479
0.0201671	0.02070281	0.0217149	0.02230305
0.05217721	0.05667693	0.05628895	0.0590282
286.299364	295.815255	253.79676	247.556216
45.9419545	49.3401901	50.2178973	50.8748651
13.7241547	14.3936509	14.9646774	16.2859511
12.3303648	7.62528574	7.55526816	7.55419864
0.27400769	0.27841864	0.28992532	0.28093324
18.6098293	19.5523784	19.891126	21.0808684
0.1301842	0.14141115	0.14044314	0.14727767
9.43681489	8.27797995	7.56562395	7.11129288
0.15389941	0.15637686	0.16835103	0.17355409
1.29116547	1.42143806	1.20067717	1.21146629
0.22861442	0.23511722	0.19615742	0.18881635
1.38302612	1.4506969	1.02303105	0.96770279
0.7126899	0.70542014	0.72562365	0.74310546
28.3727032	30.2453031	29.4214839	28.8640137
3.60212518	3.87474587	3.67347547	3.98970276
1.21594746	1.65478461	1.6245449	1.6924726
0.5955684	0.61138885	0.64127752	0.65864661
125.373923	154.471303	150.314546	164.851019
3.53928405	3.2558949	3.67002144	3.96576202
1.1235715	1.14165869	1.18884195	1.15196984
0.82107647	0.7785992	0.79142123	0.73684065
8.4903396	8.68705753	8.44045077	8.73478342
12.9762899	14.5325768	15.1124701	16.423415
1.48525106	1.49489314	1.58215827	1.62665784
0.82152614	0.83475102	0.86925019	0.84229025
0.37756836	0.45086233	0.51629801	0.54142314
2.19029054	2.4027839	2.31443115	2.47220443
2.22029798	2.03452433	1.56475087	1.71552429
120.016637	111.215052	113.006597	116.864051
0.08588975	0.05555569	0.06305099	0.06383703
1.77730629	1.36077772	1.42189226	1.49776073
0.67505266	0.68838896	0.67950302	0.65217804
14.2718069	14.6486929	14.0310786	13.5983709
0.85182523	0.95539191	1.00859409	1.07198303
42.6342237	43.2225074	39.9639149	32.4451934
1.81066313	1.6611141	1.64126604	1.64140097
4.1022E-05	0.00002709	2.8414E-05	2.9184E-05

5.76419012	6.02763497	5.87846474	5.58913808
15.062167	16.2656931	16.7194304	17.2816624
53.3800698	57.4417868	51.3873463	47.6353064
3.60468911	3.51093255	4.16082356	6.37418533
9.35465414	10.5346784	11.5503966	11.8314693
72.079902	75.0632666	75.3687638	82.7434454
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1.43265002	1.33842154	1.37562973	1.40859716
127.127201	145.839146	143.698849	117.781202
9.67140837	9.76901651	9.68994513	10.6860874
13.8978975	11.6294691	12.0973494	13.1200679
10.7718983	8.47319918	8.01301389	6.60494552
0.00164576	0.00169615	0.001153	0.00124696
0.26107245	0.26800748	0.28110943	0.28872332
23.8870198	24.5949777	24.7320934	27.103769
0.54860081	0.54860081	0.54860081	0.54879364
19.2525183	20.6391601	19.1200894	15.6372161
770.863476	834.141	861.605345	881.853843
0.21872154	0.31386064	0.32142478	0.33562133
241.107223	249.913591	252.839775	262.369193
39.5536984	37.5871386	36.8715397	35.0564439
4.75606388	5.12846947	4.75383166	4.75550259
3.23007307	3.74290662	3.73020461	3.59942816
20.506041	21.5354143	21.1715924	20.0029681
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0.17791102	0.18077502	0.18824622	0.18240773
0.73583174	0.6597569	0.69685883	0.74118316
0.17592133	0.1787533	0.16569526	0.1657535
0.0189557	0.01953315	0.01986308	0.01996129
0.03490382	0.0354657	0.0406415	0.04246834
1.0573962	1.07369746	0.9693987	1.04840079
5.42470633	5.69301496	5.30232738	5.08828725
4.52191782	4.24999697	3.48767789	3.21081339
6.02250808	6.42271287	5.93157812	5.89877806
0.08071577	0.08707113	0.09891781	0.10011714
0.22419102	0.22780002	0.23893637	0.245408
10.9565708	11.2421899	11.0082549	11.2095631
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0.32334114	0.31161204	0.35708816	0.37313928
0.23135473	0.29570479	0.28680895	0.27795615
84.6327156	82.4008123	79.2876393	80.1246438
2.06853167	1.79959336	1.64932484	1.68847764
15.8679394	15.8679394	16.2038126	15.8648217
0.13828057	0.14195381	0.14889344	0.15292624
0.04558799	0.04679897	0.04908681	0.05041633
4.85260191	5.0629225	5.02093723	4.70960123
9.12038691	9.33012355	8.57995468	9.37611344
128.821709	143.703653	128.704705	131.075551
166.687605	173.993239	167.584012	165.089158
2.33239648	2.77952489	2.96202508	3.04930026

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78.0033914	74.2359105	51.4608077	49.9735046
0.534836	1.43665319	1.46716804	1.48120075
1524.90232	1627.20351	1580.18925	1463.28065
38.763447	45.4017339	47.6262875	47.6665813
0.04224841	0.04589187	0.04557772	0.04779571
12.6498492	12.1625078	13.5746318	15.6111253
0.03307712	0.03592965	0.0356837	0.03742021
150.880807	142.387312	127.95523	155.30757
0.05946916	0.06104886	0.06403333	0.06576768
0.09709881	0.09967811	0.10455103	0.10738281
1.90294597	1.84325283	1.8160342	1.83175327
215.513481	214.671351	205.347273	193.730371
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17.8782667	18.3925831	19.0596785	19.258051
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4.88069153	5.2288456	4.87719613	4.74754888
1.57364613	1.65978027	1.66996956	1.68571187
0.13524533	0.12747986	0.13168641	0.13561892
9.32650574	9.47451047	8.91823829	8.29556138
0.95927215	0.93985229	0.93993971	0.94022137
0.90408678	1.2364314	1.23836883	1.2402526
13.3314721	14.236853	14.2489194	14.3152633
4.39826249	4.66574389	4.58824937	4.49070093
3.82000109	3.83445913	3.82915407	3.83939405
0.0043157	0.00459752	0.00474253	0.00489101
1.00052209	1.05114738	1.00023579	0.98972968
4.81367256	4.71565708	4.39266451	4.38918884
0.00124457	0.00131071	0.00134382	0.00134964
0.00090279	0.00091771	0.00091921	0.00092094
1.29234538	1.40741839	1.40870705	1.40927486
42.0469175	46.156082	45.0215454	44.2706041
0.07034722	0.09238172	0.09230554	0.09223541
0.10548821	0.1093879	0.10920519	0.10912221
0.65099266	0.7533363	0.75314521	0.75298031
0.31162081	0.34731903	0.34725341	0.34769969
0.01001112	0.01018481	0.01041956	0.01058667
29.3589041	30.1118288	29.54271	29.246707
2.57421313	2.67061144	2.58338953	2.54886177
2.92689865	3.20096586	3.18714349	3.16058427
1562.90221	1561.9761	1472.26664	1454.06699

2.25639236	2.27883783	2.29240913	2.28524991
1.60677628	2.02618153	2.03086449	2.03276271
0.67823649	0.79061079	0.79509762	0.799674
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0.00027771	0.00027852	0.00023259	0.00019548
5.25163342	6.08704634	6.11261036	6.16989553
0.00211409	0.00214318	0.0022419	0.00234767
0.00293937	0.00294777	0.00307405	0.00320492
0.42695486	0.42262475	0.42311427	0.42481796
0.59489039	0.51995055	0.52247799	0.5254773
0.00087896	0.00093956	0.00097023	0.00100347
0.90578934	0.89019082	1.14157203	1.14201457
4.92053689	5.30903622	5.14944397	5.06836816
43.1678173	44.1717509	39.6561637	39.0806066
0.09673589	0.14363631	0.14368197	0.1437266
0.00142811	0.00144248	0.00143804	0.00143657
1.6144019	1.60501125	1.58643962	1.57610902
1.98671206	2.47918873	2.47929952	2.48021609
14.4089728	16.2709229	16.3075145	16.2596334
1.99068967	2.15087987	2.14781861	2.14524326
33.5379824	35.8531553	34.7901448	36.6961915
0.07353184	0.08162292	0.08182581	0.0820308
0.00127559	0.00125679	0.00123567	0.00122195
18.393381	20.4489644	19.4974933	19.02074
0.1591999	0.17134992	0.16878773	0.17051019
4.03496598	3.96416348	3.96994762	3.9754444
3.07015212	3.20245652	2.71510685	2.65316491
0.04507393	0.04635462	0.04576125	0.04526817
4.8295E-05	5.1724E-05	5.1161E-05	5.0604E-05
20.1696546	20.9575002	19.9738678	19.4437949
9.5304E-05	9.5508E-05	9.7597E-05	9.7728E-05
0.21068874	0.21172541	0.21193173	0.21214235
12.6397627	12.7679239	11.3123297	10.8467343
1.95023465	1.99936144	2.0011769	2.00245535
2.1483219	2.33900508	2.34157405	2.34458397
6.2015E-05	6.5601E-05	6.5616E-05	6.5631E-05
0.63085287	0.65105351	0.65193823	0.65277856
0.12570842	0.12571062	0.12571059	0.12571057
0.00487061	0.00497351	0.00514168	0.00531522
0.00411616	0.00419157	0.0042756	0.0043604
0.80839295	0.89320597	0.80865474	0.70155644
4.1106028	4.3350042	4.69694353	4.63237751
0.0004891	0.00051218	0.00051549	0.00051591
0.00011341	0.00011416	0.00011453	0.00011473
1.34234596	1.42226972	1.42525373	1.42918773
0.03553731	0.03938113	0.0393932	0.03940384
0.1545885	0.15459249	0.15459844	0.15460493
0.62510522	0.62539932	0.62695466	0.62806883
0.57783879	0.63796809	0.6380952	0.63817019
2.65428356	2.42508412	1.94639673	1.9547805
0.31389809	0.29795386	0.30657204	0.30027353

3.9432094	3.9084945	3.16545399	3.0135838
47.4911746	48.7916862	48.6038287	47.913348
177.473291	203.037252	218.778092	233.478008
1.22686522	1.38529968	1.32603751	1.31566549
60.352335	58.1914189	57.2355967	60.3696748
12.8089478	13.2657655	13.2731733	13.2817464
1.58138762	1.67425506	1.67429138	1.60154565
3.65977685	3.84889909	3.85724836	3.83951719
19.337559	22.5876593	20.0780909	19.5468515
0.43838252	0.45299453	0.45300227	0.45300967
1.53492076	1.7134099	1.71286697	1.71094635
63.2406057	67.6770351	66.7779846	64.0868028
14.1062092	14.0313776	13.5043141	13.303172
3.20103967	3.87515066	3.86663975	3.86009373
0.85632606	1.10822871	1.10839808	1.1086721
3.28097537	3.60931975	3.6092007	3.60986362
0.00037679	0.00038052	0.00035643	0.00033694
0.00034916	0.00037076	0.00036864	0.0003663
52.4473156	55.9325331	55.8519115	54.9472098
5.68961737	6.16467876	6.60185759	6.77499705
2.53099538	5.90231646	5.90223683	5.90224794
0.90935639	0.84249346	0.84250525	0.84325668
0.17473564	0.22148996	0.22189648	0.22231809
2.31974131	2.6943282	2.7603669	2.77472098
0.00094593	0.00099454	0.00103417	0.00107284
0.97267873	1.42831617	1.42840202	1.42853782
0.00537637	0.00541452	0.00555315	0.00569368
2.63345424	2.41329433	1.84136337	1.86436236
0.48064889	0.46101782	0.45334855	0.45475002
0.6103698	0.60581845	0.59421145	0.59221477
0.00574274	0.00578764	0.0044213	0.00347658
4.81352231	5.46120898	5.47962034	5.47285775
0.60994654	0.64414505	0.64193993	0.64250687
0.11669955	0.11874742	0.12014675	0.12156317
0.00578279	0.00582491	0.00526363	0.00477032
54.8713624	59.2353891	57.3139903	57.4379784
0.74374663	0.74870474	0.71719439	0.71972359
0.65202701	0.69072464	0.69194517	0.69380823
0.00903634	0.00983909	0.01097294	0.01147014
2.76593803	3.03939083	3.01754118	3.01000581
0.49881532	0.53837885	0.53992008	0.54043109
2.05430391	2.16843712	2.19314182	2.22352139
0.39560344	0.40675719	0.40789048	0.40912847
0.06538659	0.06563461	0.06585174	0.06585158
0.01442034	0.01409233	0.01535003	0.01536213
0.26266926	0.32254144	0.32366629	0.32494536
18.4565767	19.3729552	19.4872661	19.651958
0.37388726	0.3966096	0.39523236	0.39530172
0.03889529	0.03716287	0.03581916	0.03477324
0.17815905	0.19944895	0.20094725	0.20250583
12.8316316	14.6107493	15.6658283	15.6326057

0.27894529	0.27998778	0.27925374	0.27873366
11.3096221	11.1505253	10.9371388	10.7541896
8.13467312	8.51624448	8.58862393	8.37687738
2.96639843	3.23209106	3.2326882	3.2332237
3.45905303	3.1587688	3.1207595	3.19677586
12.7522576	13.2773232	13.6428163	13.7706718
23.2237381	25.2467211	25.239466	25.2179288
0.29650699	0.32169345	0.32178152	0.3218836
3.9836873	5.4550573	5.47234846	5.46347212
10.1982297	11.7025101	11.7395857	11.7731534
0.00062242	0.0005449	0.00046281	0.00039344
0.12122468	0.12947049	0.12631897	0.12454267
19.2379905	19.2967249	18.3223553	18.0118852
0.1900266	0.13757879	0.12683584	0.12651376
2.58522479	2.6868798	2.69062482	2.69032641
4.15688352	3.92928566	3.90107294	3.78602518
0.55835067	0.59674641	0.57544733	0.57108383
0.00271604	0.00273398	0.00226454	0.0019001
15.7506713	16.1691705	15.2060449	15.7835494
0.0914909	0.09619295	0.09620227	0.09621311
9.44090197	9.20988644	7.70439975	7.53521442
111.935095	116.488428	109.386004	109.174133
0.21557333	0.28620321	0.28663507	0.28707122
81.3545097	81.0443845	81.9404048	83.3146838
1.52945449	1.63765207	1.64469998	1.65314369
1.07037699	1.03351227	1.03550479	1.03768649
2.78944995	2.96058109	2.96143053	2.96227389
10.1808557	10.1030018	9.72296978	10.8653496
6.1808E-06	5.9956E-06	5.9933E-06	5.9911E-06
0.00182859	0.0018542	0.001728	0.00163227
0.14966623	0.15583347	0.15615541	0.15646969
0.39366405	0.42148803	0.42097179	0.42056861
0.02969562	0.03046901	0.0313889	0.032367
0.00011455	0.00012532	0.00012315	0.00012104
0.0007115	0.00071896	0.00074679	0.00077887
0.02014669	0.02016379	0.02016967	0.02017577
4.09811695	4.69009041	4.0391404	4.05975638
1.40510145	1.48118617	1.46877839	1.4616987
4.17893033	4.31604582	3.99822937	3.87623143
0.00257468	0.00263784	0.00270666	0.00276671
0.00261302	0.00262117	0.00271405	0.00280583
1.20053488	1.24837972	1.24800359	1.25146709
0.00027972	0.00029678	0.00030052	0.00030284
0.19779044	0.24666113	0.24816267	0.24971014
0.62459427	0.66445324	0.66511978	0.66518916
29.1178952	29.4923863	29.2813033	29.8747432
2.02564174	1.92158864	1.92534137	1.93662533
2.12728396	1.69597213	1.96712916	1.99284236
0.00341887	0.00347027	0.00328816	0.00315476
0.00057836	0.00058234	0.0005307	0.00048523
14.1667709	13.8497125	13.0160438	12.9548364

2.84172882	3.31296258	3.30519964	3.30701488
51.0144932	54.2197205	50.3654655	53.1203854
18.4947221	19.6831762	19.0596693	18.4780436
2.67269205	2.67981115	2.68396689	2.68767441
1.65108931	1.84563086	1.84800231	1.85093033
20.688736	22.3184048	13.6501971	13.3696291
0.34961309	0.37881175	0.37625423	0.37607696
156.863589	158.242547	163.128068	162.521091
8.18253561	10.007994	10.0247598	10.0103583
0.00039379	0.00041026	0.00040305	0.00039622
3.91297027	5.0116384	5.26393725	5.36677505
0.00021605	0.00022904	0.0002241	0.00022075
50.0429145	51.6522868	53.4233683	49.3189885
0.00101385	0.00103041	0.00098753	0.00095144
0.00117667	0.00118796	0.00103199	0.00090755
1.11005661	1.19210992	1.19318707	1.19432523
14.878323	17.1417491	15.8174062	15.7667917
1.48664119	1.46337032	1.464167	1.45751919
0.72547472	0.76270132	0.76414711	0.75634576
0.15371808	0.1705937	0.17490595	0.18635919
1.96610256	2.11417536	2.24719675	2.34115471
3.89975438	7.09004963	8.13340125	8.49671764
0.02092292	0.02016208	0.02002407	0.02099852
298.655678	331.317425	411.474866	491.632308
1.53246945	1.74868806	1.6680556	1.68193458
1.02980452	1.11510861	1.16923847	1.22613829
30.7090545	36.2537234	42.0723862	43.3676644
37.766197	46.9493503	49.2634239	47.4453562
2.26104874	2.36613778	2.38452421	2.47441522
0.09369202	0.10397781	0.10660615	0.11358695
90.504375	87.6070098	89.2177872	95.6792325
21.672049	22.3340246	21.1922017	21.1419136
6.85114812	7.68913443	8.06847914	8.32021024
0.42571653	0.43375838	0.40562309	0.40630765
20.7635799	22.9231876	23.1126272	21.9508654
6.17067597	4.23903865	4.41486196	4.27789736
2.63075462	2.68045005	2.80691014	2.72548309
10.4308126	11.6003926	13.2600179	11.6489725
8.93571213	9.61511672	9.53636636	9.40780219
3.29406671	3.50266839	3.50855123	3.5206615
0.48783577	0.54139182	0.55507706	0.59142475
3.63628191	4.18016057	4.33488217	4.39996504
10.6140063	10.3895069	9.63048848	9.68195011
0.07366586	0.08175312	0.08823748	0.09499913
0.10716297	0.11282084	0.11567271	0.12324722
8.74690821	11.1754384	11.5907531	11.9119467
182.607325	200.165872	212.576952	216.835344
0.20440478	0.22684494	0.2325791	0.2478089
1.20319443	1.15218074	1.20850685	1.24123943
0.35901315	0.3860789	0.41041571	0.4275869
2.13119227	2.15569688	2.32142114	2.39384049

0.16708444	0.1702407	0.19571742	0.20452171
148.704091	156.929207	164.247849	166.353503
14.4478658	14.6238519	14.4443972	14.6636044
25.4659718	27.8141749	31.1984749	31.9471479
901.96149	969.447854	929.086321	1077.76149
4.1619751	5.03431767	5.32390872	5.1627996
3.42391037	3.55935699	4.08062633	4.26705952
2.32094058	2.27566832	2.69062084	2.77084369
1.18871783	1.2072598	1.39318464	1.45828138
0.06118417	0.06579678	0.06994434	0.07287071
26.951328	34.5743729	36.0945981	36.7000289
0.18942551	0.1930038	0.18048481	0.18078941
0.55452351	0.56499857	0.59165446	0.57449086
4.9903468	5.68993407	5.70687703	6.0685756
1.20751302	1.16855722	1.16146234	1.22068355
0.10381601	0.11521324	0.11812558	0.12586071
1.77239266	1.90435964	1.88036278	1.87717568
17.5907957	18.8331677	19.3175561	19.3862086
142.451963	147.24322	147.707072	139.721155
0.36370345	0.37057388	0.34653699	0.34712184
0.0227803	0.02528118	0.02592024	0.02761755
11.0475647	11.1979292	11.1572488	11.2365883
6.86343211	8.00541159	7.97738274	8.38227051
40.4658623	43.3214743	44.4737619	46.5577627
15.8337252	19.1629155	20.431268	21.8913886
54.4294078	55.1136724	52.7676413	51.9231616
0.217659	0.22513285	0.20977099	0.21054443
0.1018404	0.12438172	0.13753721	0.13705543
73.7893556	86.5391315	92.9328886	92.1021448
2.25990404	2.37837811	2.46015444	2.3550518
6.89176474	7.15088682	6.63251733	6.63743462
10.3243792	9.87085228	9.66102026	8.95866301
0.93285549	1.00318279	1.06641929	1.11103671
0.00585055	0.00649285	0.0068138	0.00703173
106.002097	118.913996	123.369607	122.214618
0.16945717	0.17679448	0.20306224	0.21296019
94.5307667	104.323073	107.003307	108.480924
3.77266012	4.16557271	4.34883946	4.43678455
9.16073183	10.0498501	9.32021753	9.03550096
0.53043292	0.52831161	0.54780808	0.5559866
1.6929954	1.72497639	1.80635849	1.75395694
0.37000656	0.37000656	0.37000656	0.39225326
0.33196243	0.33823329	0.35419069	0.34391579
0.18886661	0.19243433	0.20151313	0.19566733
0.4326956	0.44102794	0.50685471	0.53205416
14.8361042	15.9517621	17.6215278	17.5708191
0.04134545	0.04588447	0.04704433	0.0501249
0.07854787	0.08540995	0.09544796	0.09566748
8.56499912	10.2619897	10.8357744	11.5178062
0.12150522	0.12150522	0.12150522	0.12451623
0.86843601	1.00883171	1.03108994	1.04123514



7.83078661	6.90967362	5.19480961	6.45183249
3.53480627	4.59733796	4.65892579	4.95745447
5.70551964	6.16217056	6.74357716	6.89181993
1.42060542	1.39500259	1.38545328	1.45287498
12.2709089	13.5999752	14.6828538	14.2510088
126.816364	135.667354	147.556753	149.538491
268.663554	295.093359	323.609019	339.760569
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128.442414	134.163075	140.350589	138.69898
28.6972852	33.4507909	37.7251437	40.0312323
0.84788015	0.87481046	0.95036613	0.89697547
16.2970816	17.3449923	18.6766184	18.4151219
80.6748255	98.2404526	104.012771	102.726792
1.68266114	2.3094533	2.29549385	2.41091924
7.12529426	7.93174096	7.86836012	7.87037793
181.229623	183.23505	186.586455	179.63295
20.6928408	22.647864	22.2068025	23.5608432
10.3994882	10.8215974	10.5947461	10.614845
1.37871136	1.62606804	1.70474027	1.71583703
6.69920667	6.84977723	7.18081299	7.36421343
0.04183622	0.04499023	0.04782623	0.0498272
0.03443444	0.03821475	0.03918074	0.04174638
98.9398864	103.232147	106.587616	106.125149
13.1366891	16.038298	15.2446523	15.0879831
2.44395126	2.49322852	2.61580378	2.68751775
7.22670832	7.13054118	7.06506648	7.06406636
0.78196781	0.79673932	0.83432842	0.81012497
16.6708888	16.8554273	18.6103529	18.5102198
0.08591527	0.09534731	0.09775749	0.10415887
8.88997319	10.194881	8.59549904	9.43710953
0.43920075	0.44749732	0.48405895	0.49920758
6.11019864	6.09214649	6.10200748	6.20045804
4.66674354	4.98820378	4.32692779	4.19834109
3.03192402	3.12567941	3.0688736	3.06383032
1.15941707	1.24698012	1.3253348	1.38072284
16.6399417	18.6407535	17.5323659	17.3964428
2.01699986	2.23215861	2.34125708	2.35898584
1.19202441	1.41695354	1.36016094	1.35623329
1.2354939	1.32863691	1.41238869	1.47148096
107.111347	105.288411	128.052391	130.211429
1.95080295	2.25855065	2.46359274	2.4893825
3.20646755	3.26703831	3.42117285	3.32192635
0.59483326	0.63189079	0.73966057	0.72312009
5.86887355	4.96088369	5.19635919	5.36445418
2.78583389	2.69195895	2.82519937	2.90688298
3.27586449	4.16828432	3.9206676	3.92537599
2.34448532	2.38877308	2.50147223	2.42890578
0.26645108	0.31817484	0.364353	0.38625978
1.01227166	1.03207832	1.14481413	1.14378114
0.80352072	0.81869937	0.76559529	0.76688737
50.1614927	49.0110557	59.2585095	66.3484599

1.87289665	1.91735336	2.09058225	2.14683557
1.56358461	1.68146215	1.78745457	1.86223905
1.12936805	1.25288751	1.30597411	1.26708321
50.5134861	57.2135283	59.6820635	57.857351
2.17053022	2.42472298	2.55144373	2.723828
24.9536726	25.10166	24.9398446	25.4900853
12.8250666	13.3267568	13.7387246	13.4937769
3.96689735	4.3763567	4.61186052	4.7637875
13.8196183	14.6515777	14.8640543	15.9996253
10.0525465	10.4050103	11.8959908	12.2175841
52.7732786	55.8824453	54.0555075	43.3747964
3.66862661	4.91982353	5.27792288	5.64628073
19.9161652	21.5476492	23.1808095	24.0271246
28.4553252	31.7787937	34.8474632	36.4537277
0.66744743	0.69373036	0.73190629	0.75555654
2.24973098	2.34342187	2.49064788	2.59473036
61.3837074	66.4286011	67.715111	67.9125232
1.86099728	1.97833141	2.05318822	2.19842461
5.21536664	4.41511711	4.60204209	4.92637804
14.330496	15.4493762	16.4197463	15.7813559
6.90634878	7.8604008	7.10143795	7.16770065
0.54158921	0.58241924	0.61913254	0.64503614
11.4528353	12.1828923	14.0772637	14.7829484
1.29643858	1.29643858	1.29643858	1.30891641
18.0007773	19.177062	20.7484126	20.7787874
234.015498	253.525274	257.894942	261.62069
0.58086678	0.64311704	0.59613695	0.59634648
122.318384	128.220196	139.068661	145.488578
8.54003276	9.81619573	10.1820927	10.3332716
11.3354161	12.9305642	12.0292874	12.0562724
633.554647	653.971406	698.613395	706.320421
2.86593873	3.28206757	3.54142639	3.43075909
6.17661858	6.14418104	6.03051018	6.71126223
0.01065122	0.01065122	0.01146681	0.0118212
0.17974779	0.19329885	0.20548361	0.21408074
0.5077255	0.51731654	0.54172285	0.52600774
3.19271407	3.92768188	4.1463754	4.40700525
0.50204729	0.51153105	0.47835112	0.47915843
0.01250984	0.01317034	0.01379787	0.01402106
0.0996091	0.10149075	0.11667896	0.12192772
0.81066287	0.8133858	0.83055261	0.838265
6.98824066	7.2510289	7.53744918	7.57647068
4.49823641	5.11880772	5.38199768	4.7757225
15.106727	15.3314466	13.6121527	13.3122327
0.7120425	0.7680899	0.82690444	0.85246076
0.63980015	0.65188607	0.68567371	0.706448
5.193376	4.86581367	4.9323162	4.96845986
0.0298922	0.03317385	0.03401242	0.03623963
0.92275646	0.89172753	1.02517559	1.07129278
1.13636628	1.2650249	1.33363979	1.31245667
73.1468842	68.5838524	78.8804077	79.7892774

1.69219295	1.85401541	1.95021758	1.96088476
11.8471602	11.8619728	12.1309047	12.0537936
0.28686008	0.30848628	0.32793198	0.34165217
0.09457131	0.10170097	0.10811178	0.11263502
2.30688177	2.22159302	2.42823773	2.50933049
7.09693094	7.9723872	8.11776969	8.14950209
78.8566157	89.4595765	90.1147212	95.0400694
39.6965599	37.6850458	34.8048906	32.9704636
8.05159621	9.52445318	8.87619606	8.90997658
3.39126129	3.76647457	3.55221163	3.54501967
21.7009247	25.4859396	21.7806071	22.233104
3.51371639	3.88696479	3.97257136	4.01557363
1507.91525	1663.67826	1699.42801	1710.64536
15.7645953	16.2792118	16.6121287	16.318745
0.0278819	0.03094286	0.03172503	0.03380246
11.1988092	10.9673557	13.5399581	17.6502311
0.0218293	0.02422578	0.02483816	0.02646462
36.6266943	32.1156608	35.0434292	39.3182739
0.12336749	0.13266806	0.1410309	0.14693143
0.2014294	0.21661504	0.23026955	0.23990369
2.70891444	2.67003412	2.64551709	2.64514259
44.3114164	48.2214275	48.1227519	49.40522
1.90026109	2.51735084	2.35755258	2.3584203
1.51237276	1.58468732	1.47418727	1.47840562
0.00278289	0.00281741	0.00286096	0.00290519
0.01160965	0.01172731	0.01184765	0.01196922
0.01575058	0.01574981	0.01578436	0.01581898
0.00083417	0.00083417	0.00083417	0.00083417
0.00233995	0.00237561	0.00241182	0.00244857
0.00159019	0.0025624	0.00244304	0.00232924
0.00038177	0.00039657	0.00041048	0.00042487
0.07180044	0.00246282	0.00155908	0.00128546
0.00093621	0.00094455	0.00095433	0.00096421
0.00376275	0.00378134	0.00380364	0.00382608
0.02321069	0.01400911	0.0131418	0.01232817
0.0024664	0.00251406	0.00256082	0.00260846
0.29377691	0.29654863	0.29949223	0.30246504
0.00176332	0.00178562	0.00181266	0.00184011
0.12927528	0.11428211	0.11049783	0.1068418
0.00881614	0.00875838	0.00862054	0.00848557
0.00825707	0.00832558	0.00854184	0.00876371
3.41239274	3.48219888	3.55815584	3.63576965
5.7941E-06	5.7941E-06	5.9228E-06	6.0545E-06
0.0182582	0.01845926	0.01867105	0.01888527
0.00048063	0.00048063	0.0004811	0.00048158
0.06246571	0.05688995	0.05655627	0.05632902
0.06533204	0.06491006	0.04479573	0.03091443
7.752E-05	7.752E-05	7.8474E-05	7.944E-05
0.00097221	0.00097799	0.00098415	0.00099035
0.00045797	0.00046631	0.00047514	0.00048413
0.00221206	0.00226074	0.00231131	0.00236301

0.00448152	0.0045545	0.00462628	0.0046992
0.00042862	0.00043673	0.0004444	0.00045219
3.97224197	3.97224197	4.07272703	4.17575405
0.0001618	0.00014271	0.00013793	0.00013332
0.00145047	0.00151688	0.00157887	0.00164339
2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06
2.15038422	2.30274335	2.31771784	2.33390626
0.00196367	0.00197715	0.0019914	0.00200574
0.00031095	0.00031867	0.00032614	0.00033379
0.06303817	0.05729353	0.05577066	0.05429887
0.0006122	0.00061413	0.00061682	0.00061953
0.00192652	0.00209669	0.0019015	0.00172879
0.00104537	0.00104922	0.00105345	0.00105771
9.6809E-05	9.9788E-05	0.00010247	0.00010522
0.00012511	0.0001266	0.00012749	0.00012839
0.01097483	0.01104596	0.01113131	0.01121732
0.03096038	0.03177374	0.03257685	0.03340026

0.01772261	0.01817951	0.01849934	0.0188248
0.16371322	0.16719184	0.1706996	0.17428096
0.01001044	0.01027023	0.00946737	0.00872738
0.00098548	0.00077403	0.00071838	0.00067658
0.4363848	0.42394259	0.41443426	0.40514356
0.00069291	0.00069291	0.0006972	0.00070152
0.000195	0.000195	0.00019816	0.00020137
3.42160676	3.33039082	3.27438476	3.22100265
0.00133882	0.00139561	0.00144835	0.00150309
0.01200171	0.01229026	0.01263762	0.01299481
1.60912557	1.61410864	1.61445608	1.61480359
0.00042425	0.00042425	0.00042917	0.00043414
0.0144383	0.0148983	0.01534519	0.01580549
5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06
3.3393E-05	3.3393E-05	3.3632E-05	3.3872E-05
0.00183371	0.00189264	0.0021623	0.00247141
0.00084919	0.00085781	0.00086988	0.00088212
0.0024191	0.00241644	0.00241432	0.0024122
0.00355161	0.00363491	0.0037275	0.00382246
0.48431088	0.49151865	0.49886255	0.50631617
0.01972456	0.01983608	0.01992902	0.0200224
0.00964458	0.01010746	0.01053983	0.01099069
0.0004386	0.00029882	0.000292	0.00029082
0.04468095	0.04550058	0.0462625	0.04703718
0.00088152	0.0008923	0.00090523	0.00091835
5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05
0.07358543	0.07504208	0.07651295	0.07801265
0.0003625	4.8333E-05	4.8333E-05	4.8333E-05
0.08488456	0.06043106	0.05564894	0.05124525
0.00225441	0.00222502	0.00218718	0.00214997
0.00927282	0.0094024	0.00953078	0.00966092
0.14506742	0.14803927	0.1508405	0.15369475
5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07

0.00094029	0.00095799	0.00097943	0.00100134
0.18383036	0.19863495	0.19744371	0.19626015
0.01090155	0.01099423	0.01108303	0.01117255
0.19817016	0.19904421	0.2020398	0.2051263
0.00011617	0.00011766	0.00011885	0.00012006
3.1621E-05	3.2499E-05	3.3202E-05	3.392E-05
0.00750416	0.00509771	0.00488173	0.00467491
0.00699972	0.00699707	0.00699441	0.00699176
0.04057723	0.04096613	0.04147157	0.04198324
3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05
0.00019958	0.00020107	0.00020255	0.00020405

0.00842046	0.00623369	0.00551586	0.00489087
0.16170297	0.15642627	0.15601915	0.15561309
0.00021696	0.00022468	0.00023228	0.00024013
0.01798863	0.01826742	0.01855903	0.01885529
0.00014915	0.00015333	0.00015779	0.00016238
0.00172603	0.00173931	0.00193953	0.0021628
0.03795714	0.03822871	0.03966932	0.04116422
0.0101393	0.01189679	0.01234266	0.01284468
0.00134788	0.00135235	0.00135831	0.00136429
0.00339072	0.00339029	0.00339931	0.00340835
5.9631E-06	5.9631E-06	6.2016E-06	6.4497E-06
0.01727819	0.01748819	0.01770117	0.01791675
0.04793159	0.049306	0.05064751	0.05202553

10.9127851	10.0915042	9.53261367	9.63779601
487.974875	498.836272	455.80611	428.991712
150.347196	159.521226	153.095386	143.633388
349.628171	379.527256	347.266948	319.073516
735.411578	804.997922	803.701123	641.846432
199.839969	208.330617	192.756493	188.560177
699.719252	765.024331	787.237168	772.718484
7.35409004	7.42593107	7.5104606	7.6062767

146.296999	143.249643	143.092059	143.618297
3322.84572	3375.47257	3385.63342	3413.53273
2550.73347	2620.8725	2619.23784	2666.41566
6194.01047	6341.35573	6223.60647	6406.82139
13593.4645	14655.4505	14693.3667	14923.9331
3236.34213	3332.1697	3220.32619	3212.57355
7092.90247	7634.70495	7943.5014	8239.04496
17.71227	17.7394192	17.8599992	17.9973556

Substance	EDGAR	Country C	Country	1990	1991	1992	1993
CO2	ABW		Aruba	0.09248106	0.09648759	0.10092587	0.09435483
CO2	AFG		Afghanistan	0.05478004	0.05991933	0.03769483	0.04926589
CO2	AGO		Angola	0.13068204	0.13573346	0.14829153	0.19544243
CO2	AIA		Anguilla	0.02243821	0.0361643	0.02851639	0.03461443
CO2	ALB		Albania	0.37595638	0.3441492	0.2000724	0.17177028
CO2	ANT		Curaçao	0.78737247	0.79756973	0.81746696	0.66277752
CO2	ARE		United Arab Emirates	0.27734334	0.31284876	0.29243377	0.30445791
CO2	ARG		Argentina	0.17979653	0.17363811	0.1637918	0.15666749
CO2	ARM		Armenia	0.95314938	1.12193674	0.97970569	0.50061395
CO2	ATG		Antigua and Barbuda	0.12311414	0.12101549	0.12046547	0.11153177
CO2	AUS		Australia	0.45515521	0.46022556	0.4638017	0.45192761
CO2	AUT		Austria	0.18145676	0.18665017	0.16889223	0.16816057
CO2	AZE		Azerbaijan	0.73702173	0.72515414	0.76718115	0.87506822
CO2	BDI		Burundi	0.02569104	0.03454104	0.02693049	0.03196626
CO2	BEL		Belgium	0.27489527	0.27909054	0.27005275	0.26820012
CO2	BEN		Benin	0.03406291	0.02872174	0.03032285	0.02901486
CO2	BFA		Burkina Faso	0.03224245	0.04160212	0.03551954	0.03601153
CO2	BGD		Bangladesh	0.06390449	0.05883389	0.06239583	0.06420858
CO2	BGR		Bulgaria	0.60878793	0.53924111	0.55558308	0.57131663
CO2	BHR		Bahrain	0.57323452	0.49698694	0.54820487	0.52538064
CO2	BHS		Bahamas	0.11905421	0.11226414	0.10067124	0.10315777
CO2	BIH		Bosnia and Herzegovina	2.25712601	2.22825784	1.75739766	1.50782092
CO2	BLR		Belarus	0.83801833	0.81692213	0.81653593	0.76294634
CO2	BLZ		Belize	0.08347848	0.08564347	0.06335569	0.05820807
CO2	BMU		Bermuda	0.05545294	0.05188686	0.04102662	0.0444554
CO2	BOL		Bolivia	0.18012934	0.17933065	0.19003271	0.21801744
CO2	BRA		Brazil	0.1204215	0.12359086	0.12607957	0.12551781
CO2	BRB		Barbados	0.15899053	0.15779073	0.16260363	0.15352643
CO2	BRN		Brunei	0.17677168	0.19567349	0.20397459	0.20523228
CO2	BTN		Bhutan	0.09084086	0.09484341	0.08979837	0.0942304
CO2	BWA		Botswana	0.20547492	0.18912682	0.22361396	0.21639954
CO2	CAF		Central African Republic	0.03736056	0.04948558	0.04272148	0.0463368
CO2	CAN		Canada	0.39903412	0.40204762	0.41020165	0.39899707
CO2	CHE		Switzerland and Liechtenstein	0.10330749	0.10964926	0.10960063	0.10434672
CO2	CHL		Chile	0.22342781	0.19833954	0.18449132	0.18378454
CO2	CHN		China	1.29241573	1.2494431	1.14514008	1.08855248
CO2	CIV		Côte d'Ivoire	0.04639259	0.04782049	0.04773806	0.05074861
CO2	CMR		Cameroon	0.09290397	0.0920427	0.09129507	0.10835885
CO2	COD		Democratic Republic of the Congo	0.04228574	0.02596273	0.02493022	0.02777968
CO2	COG		Congo	0.11513752	0.11472977	0.10904264	0.10868532
CO2	COK		Cook Islands				
CO2	COL		Colombia	0.16144563	0.16358559	0.16311163	0.16360551
CO2	COM		Comoros	0.02935857	0.03742494	0.02935365	0.02783169
CO2	CPV		Cabo Verde	0.07739231	0.09559347	0.08562549	0.07684135
CO2	CRI		Costa Rica	0.0842307	0.08907309	0.10975893	0.10301225
CO2	CUB		Cuba	0.20834049	0.18176602	0.16319056	0.17533606
CO2	CYM		Cayman Islands	0.04632222	0.04736054	0.05168477	0.04207287
CO2	CYP		Cyprus	0.28382558	0.3134478	0.30471833	0.31674363
CO2	CZE		Czechia	0.57142209	0.58658661	0.56688456	0.54876326
CO2	DEU		Germany	0.2995705	0.27910417	0.25895029	0.2591481

CO2	DJI	Djibouti	0.39130144	0.51853375	0.34676439	0.2783458
CO2	DMA	Dominica	0.02943292	0.02916578	0.02877248	0.05065854
CO2	DNK	Denmark	0.21987757	0.26094115	0.23282819	0.24222319
CO2	DOM	Dominican Republic	0.15449901	0.16026625	0.1672076	0.15380172
CO2	DZA	Algeria	0.24240898	0.25566407	0.2831725	0.28307649
CO2	ECU	Ecuador	0.18430753	0.17709905	0.18269852	0.17479261
CO2	EGY	Egypt	0.19569899	0.1981166	0.19726903	0.19237303
CO2	ERI	Eritrea	0.09267184	0.11473234	0.1635545	0.20180592
CO2	ESH	Western Sahara				
CO2	ESP	Spain and Andorra	0.19022807	0.19166853	0.19642981	0.18674356
CO2	EST	Estonia	1.30458165	1.29438794	1.19060919	1.03220032
CO2	ETH	Ethiopia	0.0525164	0.05601556	0.04803241	0.05404551
CO2	FIN	Finland	0.287953	0.30969273	0.30439301	0.31364065
CO2	FJI	Fiji	0.16150979	0.14577466	0.1542049	0.1635313
CO2	FLK	Falkland Islands				
CO2	FRA	France and Monaco	0.16372675	0.17256925	0.16430305	0.15715886
CO2	FRO	Faroes				
CO2	GAB	Gabon	0.25260076	0.19032516	0.19790576	0.19463392
CO2	GBR	United Kingdom	0.28613054	0.29385923	0.28610456	0.27140462
CO2	GEO	Georgia	0.55601369	0.54372551	0.77582477	0.87838227
CO2	GHA	Ghana	0.07301086	0.0642949	0.07307362	0.07190036
CO2	GIB	Gibraltar	0.21859315	0.31285391	0.37069062	0.36777644
CO2	GIN	Guinea	0.06979689	0.06602283	0.05731383	0.05623739
CO2	GLP	Guadeloupe				
CO2	GMB	The Gambia	0.04368896	0.05282686	0.04346362	0.04423104
CO2	GNB	Guinea-Bissau	0.09656136	0.11510597	0.10198409	0.10737467
CO2	GNQ	Equatorial Guinea	0.13348964	0.14058076	0.10436978	0.09784407
CO2	GRC	Greece	0.28257763	0.27417381	0.27970271	0.28257101
CO2	GRD	Grenada	0.05714128	0.0566041	0.05901474	0.06779865
CO2	GRL	Greenland	0.00054626	0.00055705	0.00059656	0.00063702
CO2	GTM	Guatemala	0.0573517	0.05848172	0.06539333	0.06986349
CO2	GUF	French Guiana				
CO2	GUY	Guyana	0.30829326	0.28381711	0.24879484	0.2313312
CO2	HKG	Hong Kong	0.19441726	0.20204748	0.2148706	0.2068416
CO2	HND	Honduras	0.10682398	0.11135429	0.11798432	0.1161279
CO2	HRV	Croatia	0.22309604	0.20597741	0.21039936	0.23313436
CO2	HTI	Haiti	0.04219578	0.04042133	0.03971963	0.03555299
CO2	HUN	Hungary	0.32503214	0.34904087	0.32474237	0.33187521
CO2	IDN	Indonesia	0.18068694	0.18269961	0.17930459	0.18431927
CO2	IND	India	0.31521205	0.33564682	0.32965965	0.32885028
CO2	IRL	Ireland	0.31642621	0.31557304	0.30436495	0.29850467
CO2	IRN	Iran	0.39471163	0.38671069	0.39762542	0.40155981
CO2	IRQ	Iraq	0.36794149	0.80243675	0.8421906	0.85452028
CO2	ISL	Iceland	0.22799584	0.22380942	0.2330852	0.24012359
CO2	ISR	Israel and Palestine, Sta	0.30872241	0.29481711	0.29615284	0.29158824
CO2	ITA	Italy, San Marino and the	0.17526364	0.17217312	0.16999167	0.16871585
CO2	JAM	Jamaica	0.36849811	0.3474084	0.37178315	0.34590439
CO2	JOR	Jordan	0.36636303	0.36117523	0.37471153	0.37258088
CO2	JPN	Japan	0.26644183	0.2595875	0.25836815	0.25799299
CO2	KAZ	Kazakhstan	0.86079251	1.01114303	1.08983639	1.02298371
CO2	KEN	Kenya	0.06760927	0.06407751	0.06541574	0.06409453

CO2	KGZ	Kyrgyzstan	0.88378842	0.86284672	0.65934831	0.57312741
CO2	KHM	Cambodia	0.02748369	0.02817761	0.02887141	0.02812748
CO2	KIR	Kiribati	0.10134861	0.11249979	0.09883195	0.1001844
CO2	KNA	Saint Kitts and Nevis	0.03571069	0.04864119	0.0469541	0.05300944
CO2	KOR	South Korea	0.4572198	0.45367196	0.45549487	0.46292449
CO2	KWT	Kuwait	0.50863579	1.02422794	0.39240242	0.37230028
CO2	LAO	Laos	0.0297871	0.03492302	0.03648725	0.0363105
CO2	LBN	Lebanon	0.3108108	0.25797647	0.23799592	0.30781853
CO2	LBR	Liberia	0.09027411	0.07207801	0.0997987	0.15952992
CO2	LBY	Libya	0.36891507	0.32113178	0.3441835	0.38088546
CO2	LCA	Saint Lucia	0.03045738	0.03047704	0.02842278	0.02755513
CO2	LKA	Sri Lanka	0.05680564	0.05669732	0.06764377	0.06194776
CO2	LSO	Lesotho	0.04246195	0.04945654	0.039358	0.03675262
CO2	LTU	Lithuania	0.44814749	0.50019497	0.35884385	0.33257703
CO2	LUX	Luxembourg	0.38031404	0.36409662	0.34937402	0.3414183
CO2	LVA	Latvia	0.4062267	0.42619891	0.49921469	0.44259866
CO2	MAC	Macao	0.05137499	0.05053662	0.05054735	0.05351354
CO2	MAR	Morocco	0.20697726	0.202368	0.22144639	0.22978689
CO2	MDA	Moldova	0.67185674	0.64484999	0.72355765	0.62308352
CO2	MDG	Madagascar	0.03812267	0.04349928	0.04354591	0.04421472
CO2	MDV	Maldives	0.04760642	0.04867336	0.05009722	0.0560933
CO2	MEX	Mexico	0.20092402	0.20512256	0.2004418	0.20059431
CO2	MKD	North Macedonia	0.41591618	0.39210337	0.37326595	0.41424764
CO2	MLI	Mali	0.02354823	0.02624334	0.02476677	0.02341043
CO2	MLT	Malta	0.35463635	0.31881515	0.29874111	0.36967227
CO2	MMR	Myanmar/Burma	0.14357664	0.13991286	0.13526496	0.14263979
CO2	MNG	Mongolia	0.94378945	1.16811642	1.12258162	1.06804835
CO2	MOZ	Mozambique	0.16200944	0.12947954	0.16699861	0.17512214
CO2	MRT	Mauritania	0.06554308	0.08132724	0.2041942	0.19108088
CO2	MTQ	Martinique				
CO2	MUS	Mauritius	0.12514699	0.12836487	0.12732253	0.13359137
CO2	MWI	Malawi	0.14822188	0.15658868	0.18477083	0.17083138
CO2	MYS	Malaysia	0.30060839	0.32076373	0.31016269	0.28299736
CO2	NAM	Namibia	0.12497277	0.10463924	0.1062137	0.12516403
CO2	NCL	New Caledonia	0.30802175	0.31969325	0.32189387	0.3297844
CO2	NER	Niger	0.05319083	0.05097202	0.04739434	0.05737106
CO2	NGA	Nigeria	0.21183446	0.22860406	0.23933016	0.23757505
CO2	NIC	Nicaragua	0.11279672	0.11363072	0.13141679	0.12944161
CO2	NLD	Netherlands	0.25615191	0.25933344	0.25214958	0.25383114
CO2	NOR	Norway	0.14953494	0.13510174	0.14024243	0.14439571
CO2	NPL	Nepal	0.03082519	0.0356984	0.03608959	0.03837507
CO2	NZL	New Zealand	0.24218636	0.25148546	0.26469851	0.24896571
CO2	OMN	Oman	0.26297641	0.30086243	0.28628686	0.27203276
CO2	PAK	Pakistan	0.17656244	0.17442154	0.17807542	0.19458688
CO2	PAN	Panama	0.09742295	0.10273163	0.11330119	0.1098042
CO2	PER	Peru	0.14984559	0.14233169	0.14928574	0.1492428
CO2	PHL	Philippines	0.15038089	0.15194628	0.16470645	0.1738251
CO2	PLW	Palau	7.91596655	7.48958641	7.31350513	8.53467861
CO2	PNG	Papua New Guinea	0.17553389	0.16421094	0.16313571	0.14095692
CO2	POL	Poland	0.74772541	0.79916268	0.7607447	0.73422888
CO2	PRI	Puerto Rico	0.20109664	0.20185312	0.20021039	0.19617373



CO2	PRK	North Korea	0.7248974	0.73540107	0.70388336	0.68153055
CO2	PRT	Portugal	0.16241462	0.16071646	0.17190714	0.17178753
CO2	PRY	Paraguay	0.05424564	0.0512142	0.06036333	0.06557213
CO2	PYF	French Polynesia	0.18468896	0.18112461	0.18640838	0.18776968
CO2	QAT	Qatar	0.53893417	0.58176955	0.5500094	0.57199634
CO2	REU	Réunion				
CO2	ROU	Romania	0.4930561	0.45841285	0.45735034	0.42682922
CO2	RUS	Russia	0.54982581	0.5688936	0.61202755	0.61163141
CO2	RWA	Rwanda	0.06680691	0.06167524	0.05842874	0.06378205
CO2	SAU	Saudi Arabia	0.25746632	0.22866133	0.236417	0.25238341
CO2	SCG	Serbia and Montenegro	0.73005056	0.69123747	0.65262867	0.54986544
CO2	SDN	Sudan and South Sudan	0.08422583	0.06982013	0.062038	0.04238957
CO2	SEN	Senegal	0.10477593	0.1026311	0.11132147	0.10725735
CO2	SGP	Singapore	0.22891771	0.22697978	0.21741506	0.22515054
CO2	SHN	Saint Helena, Ascension and Tristan da Cunha				
CO2	SLB	Solomon Islands	0.20477554	0.20038136	0.1953402	0.19038424
CO2	SLE	Sierra Leone	0.10134164	0.13099652	0.10010255	0.09633889
CO2	SLV	El Salvador	0.08035724	0.10099457	0.1062183	0.10904517
CO2	SOM	Somalia	0.08837493	0.06692238	0.0577838	0.05701723
CO2	SPM	Saint Pierre and Miquelon				
CO2	STP	São Tomé and Príncipe	0.08065833	0.10572659	0.08911164	0.085952
CO2	SUR	Suriname	0.15656811	0.17389139	0.16944846	0.18243542
CO2	SVK	Slovakia	0.66979865	0.68104284	0.68206701	0.65533647
CO2	SVN	Slovenia	0.29370585	0.29921324	0.30216531	0.30930865
CO2	SWE	Sweden	0.16703615	0.17043486	0.180068	0.18410451
CO2	SWZ	Eswatini	0.23473374	0.22748565	0.18450439	0.16074955
CO2	SYC	Seychelles	0.24672176	0.34117921	0.26827143	0.25110545
CO2	SYR	Syria	0.71928443	0.7309816	0.64287425	0.62235137
CO2	TCA	Turks and Caicos Islands	0.025229	0.02297558	0.02107219	0.01835362
CO2	TCD	Chad	0.03172394	0.0355067	0.0283166	0.01740754
CO2	TGO	Togo	0.08692811	0.08100988	0.06437272	0.05844431
CO2	THA	Thailand	0.20021414	0.20110068	0.2039891	0.21392421
CO2	TJK	Tajikistan	0.54694763	0.55572979	0.57581219	0.46675932
CO2	TKM	Turkmenistan	1.67566929	1.48895701	1.27866385	1.19569628
CO2	TLS	Timor-Leste	0.00106134	0.00098941	0.00093092	0.00087436
CO2	TON	Tonga	0.22837772	0.22747775	0.23857469	0.23313514
CO2	TTO	Trinidad and Tobago	0.84563787	0.83717499	0.7808439	0.76655877
CO2	TUN	Tunisia	0.26554711	0.26379789	0.26013071	0.2640136
CO2	TUR	Türkiye	0.22844637	0.22295367	0.22123615	0.21269911
CO2	TWN	Taiwan	0.34855078	0.34620633	0.33689088	0.33691396
CO2	TZA	Tanzania	0.04574741	0.04752405	0.04376701	0.04539733
CO2	UGA	Uganda	0.04374898	0.04215184	0.04148628	0.03859251
CO2	UKR	Ukraine	0.66142474	0.68342826	0.66365151	0.67521628
CO2	URY	Uruguay	0.08993119	0.0983298	0.10011694	0.09220885
CO2	USA	United States	0.44971936	0.4461778	0.43780218	0.43614477
CO2	UZB	Uzbekistan	1.63717403	1.64870105	1.70128133	1.74162557
CO2	VCT	Saint Vincent and the Grenadines	0.03531871	0.03341653	0.03805238	0.02958115
CO2	VEN	Venezuela	0.21064113	0.19721318	0.18742094	0.1938952
CO2	VGB	British Virgin Islands	0.08270013	0.05563553	0.05207344	0.04020099
CO2	VNM	Viet Nam	0.12726164	0.12093641	0.11656154	0.12628788
CO2	VUT	Vanuatu	0.22301517	0.20162687	0.11009876	0.11078452

CO2	WSM	Samoa	0.18318177	0.19446893	0.19043979	0.20844085
CO2	YEM	Yemen	0.16236919	0.19133138	0.1905783	0.1657391
CO2	ZAF	South Africa	0.71360405	0.70236142	0.70249564	0.69891993
CO2	ZMB	Zambia	0.16035903	0.16611189	0.16912388	0.14359533
CO2	ZWE	Zimbabwe	0.41084734	0.42827398	0.47194881	0.42984436
CO2	EU27	EU27	0.26826428	0.26265978	0.25115809	0.24810489
CO2	GLOBAL TOTAL	GLOBAL TOTAL	0.37648536	0.37526578	0.36901509	0.36539117

1994	1995	1996	1997	1998	1999	2000	2001
0.09907492	0.10628336	0.06905613	0.1070418	0.10745369	0.10753041	0.07548099	0.07323041
0.05983562	0.03464671	0.03542906	0.03649165	0.03921413	0.03991171	0.03119869	0.0320279
0.18251437	0.17891475	0.1907269	0.18599635	0.18453287	0.19114068	0.16984481	0.15983464
0.04445653	0.05534698	0.0567549	0.04775202	0.03809812	0.03313586	0.04606578	0.04762347
0.16726336	0.13033893	0.11859991	0.10239866	0.11398692	0.16277216	0.15939652	0.15660405
0.7248095	0.70465311	0.68862686	1.29623318	1.28964841	1.22393026	1.24035262	1.24658043
0.3135704	0.31349228	0.30966477	0.29829066	0.30510114	0.30566526	0.27358883	0.3088641
0.15256319	0.15920141	0.16423124	0.15713761	0.15949597	0.16739443	0.16489505	0.16567081
0.26075976	0.30758643	0.21283485	0.26510057	0.25699734	0.22239398	0.24148937	0.22426931
0.11388064	0.12459365	0.11594234	0.11629347	0.11368849	0.11106284	0.07072658	0.07243182
0.44273438	0.44122321	0.43881372	0.43538901	0.44146015	0.42770421	0.41837101	0.41764346
0.16564363	0.16916113	0.17539073	0.17067677	0.16614493	0.1560421	0.15200718	0.16065055
0.95491999	1.06284554	0.87955886	0.80261044	0.72849113	0.67868733	0.64214103	0.56243266
0.0344248	0.03680064	0.04298997	0.04368667	0.04402668	0.04580182	0.04610468	0.03592192
0.27422075	0.26850326	0.2758091	0.25949097	0.26060559	0.24306072	0.23803241	0.23726031
0.02890115	0.02769625	0.07189592	0.08632403	0.08002617	0.08324684	0.08435255	0.09622878
0.03872802	0.03762795	0.03756683	0.05646937	0.0496661	0.04782406	0.05172225	0.05595728
0.0656255	0.07553084	0.07328187	0.0760761	0.07390825	0.07537235	0.07389893	0.08507349
0.53600565	0.53276017	0.50882417	0.57004601	0.52633484	0.50650038	0.46550242	0.46927539
0.53641941	0.52451729	0.52202389	0.52128251	0.527279	0.50822198	0.49505381	0.50017473
0.11086121	0.12282418	0.13153055	0.13094673	0.14367126	0.12050322	0.08899447	0.08630377
0.32867166	0.30185342	0.24503693	0.35561637	0.38632302	0.34767115	0.43243932	0.41675619
0.73655748	0.73488926	0.72589082	0.65636959	0.59081875	0.55105738	0.5038191	0.47020827
0.05649058	0.06339278	0.05204848	0.08634119	0.08446701	0.08063383	0.05074899	0.04914768
0.04377307	0.04215848	0.04189631	0.04112218	0.04051998	0.03970636	0.02512083	0.02315554
0.22481318	0.19415852	0.17984775	0.20777737	0.197961	0.17196454	0.15503793	0.14747034
0.12305629	0.12774389	0.13419868	0.13784167	0.14137915	0.14386918	0.14336086	0.14217084
0.14652972	0.14704994	0.13829245	0.15682885	0.16634094	0.17361205	0.13506459	0.1329418
0.20202531	0.20462192	0.2089472	0.22573569	0.20053389	0.20358091	0.20012985	0.18795257
0.11630204	0.13523402	0.14296366	0.14340828	0.14176973	0.13287848	0.13002559	0.12932065
0.20021239	0.19457869	0.16572772	0.16332934	0.19353613	0.18596125	0.18533737	0.17838443
0.04632586	0.04439537	0.05032943	0.04782553	0.04654474	0.04623994	0.05412119	0.05442823
0.39656403	0.39624728	0.40106357	0.39698569	0.38830367	0.37621273	0.37125936	0.3585641
0.10089114	0.10220895	0.10298284	0.09783502	0.09811273	0.0970703	0.09172117	0.09316781
0.19118751	0.19230728	0.20635514	0.21809129	0.21128003	0.22164518	0.19812867	0.18424421
1.01523598	1.01076185	0.91255192	0.85966304	0.81677253	0.74266028	0.72803637	0.70461846
0.05261283	0.05373311	0.06239397	0.06927351	0.06438668	0.08498585	0.0813595	0.08338653
0.11503966	0.11199945	0.1101842	0.10611464	0.10547685	0.09718033	0.10047465	0.09586996
0.0457184	0.04233384	0.0472876	0.05024054	0.0508461	0.04907938	0.04189527	0.04159959
0.10528568	0.1289282	0.14881062	0.15420904	0.17686214	0.18797143	0.18910387	0.17761206
0.15338481	0.15258074	0.14724639	0.15447009	0.15613361	0.14219366	0.1453839	0.1421354
0.02929665	0.02902935	0.03051182	0.0293716	0.03662779	0.0370084	0.05570229	0.05777969
0.07550987	0.06613136	0.07105732	0.0639844	0.05794878	0.05365331	0.13820274	0.15443293
0.11564877	0.11021772	0.10384637	0.09708884	0.10018988	0.09596009	0.09164089	0.09547902
0.17909478	0.18599961	0.18681211	0.19891989	0.19496408	0.18874011	0.18040094	0.16776216
0.05407008	0.05389981	0.05357819	0.04857142	0.04485053	0.04655833	0.03888925	0.03980099
0.31179981	0.28148773	0.2952301	0.29179764	0.28822328	0.28534189	0.27929061	0.2636013
0.51233718	0.47830369	0.4718065	0.46257671	0.44328722	0.40904278	0.43470403	0.42157612
0.24927118	0.2441981	0.24992581	0.23719731	0.23229174	0.21895763	0.21293489	0.21279668

0.38885949	0.33252919	0.39601515	0.37337933	0.38263446	0.37227035	0.22805317	0.23578236
0.0668439	0.0746432	0.07938447	0.07562418	0.04178582	0.07148205	0.06255048	0.06301897
0.24528953	0.22648049	0.26887274	0.22602406	0.20738968	0.19149863	0.17128635	0.17499646
0.17517366	0.1762204	0.17887506	0.18690804	0.20027691	0.2049501	0.20449823	0.20097798
0.27938086	0.27798936	0.25967892	0.25091262	0.24418843	0.24682543	0.24614093	0.23322157
0.17574072	0.18865096	0.21365854	0.21342844	0.20278185	0.18845804	0.18939912	0.20044157
0.17639306	0.18032748	0.18414639	0.18575147	0.18575613	0.18868853	0.17534208	0.18694912
0.18817624	0.19893124	0.20045161	0.17400579	0.12704305	0.13468766	0.15163175	0.15298339
0.19089641	0.1952757	0.18354474	0.19104836	0.18849842	0.19481189	0.19515588	0.18817583
1.07921703	0.94042151	0.93973425	0.81405955	0.7068727	0.65367726	0.60200646	0.58041964
0.06055878	0.06460738	0.06479977	0.06571034	0.07232399	0.06788349	0.07096047	0.08092157
0.33833528	0.30717356	0.32750428	0.29759093	0.26779139	0.2537778	0.23434767	0.25239175
0.16275038	0.15742671	0.1574715	0.1662972	0.16274944	0.16029991	0.18426628	0.19567651
0.15179654	0.1522715	0.15592246	0.14918762	0.15217435	0.14487928	0.1383907	0.13709647
0.18630546	0.19945403	0.21494437	0.19416923	0.21476263	0.2244858	0.22926485	0.22913076
0.25786263	0.248529	0.25079679	0.23023175	0.22287987	0.21491113	0.20903041	0.20792316
0.63922893	0.48610535	0.3538797	0.28078786	0.24700612	0.21396524	0.22402932	0.15906972
0.07408909	0.07646862	0.07933362	0.08009405	0.1038859	0.10859738	0.09314273	0.09673097
0.41651514	0.39511587	0.39267359	0.38132217	0.3867576	0.3880489	0.38926619	0.38676424
0.05495384	0.05350666	0.05306957	0.05102592	0.05097421	0.05079779	0.07401119	0.07601861
0.05068095	0.04793625	0.04865556	0.04640705	0.04865922	0.04709962	0.06932607	0.07234748
0.10369023	0.10203348	0.09046118	0.089096	0.11706931	0.10320064	0.09118752	0.09021688
1.31704555	1.19093886	0.78190358	0.43018601	0.42258318	0.36750142	0.33164418	0.26629696
0.28267713	0.28725484	0.2792237	0.27025184	0.27066109	0.26333396	0.27381431	0.26857525
0.07787624	0.06850419	0.07002684	0.09097516	0.07100436	0.06729008	0.04585265	0.04755891
0.00061016	0.00059727	0.00059755	0.00059596	0.00056131	0.00056263	0.00053715	0.00054084
0.0725851	0.08071235	0.07699227	0.07715023	0.09166034	0.08789434	0.09480705	0.09732562
0.27698665	0.28562221	0.27311134	0.28032595	0.28931474	0.27910616	0.27066479	0.26200877
0.16731873	0.1655335	0.1483676	0.13457388	0.17690461	0.18460638	0.15776479	0.15671983
0.13242494	0.14725453	0.15328283	0.15052702	0.1684387	0.17198325	0.16582855	0.19019561
0.21093699	0.20445683	0.20099548	0.20091978	0.20408785	0.21550859	0.20361605	0.20933243
0.01905359	0.04716952	0.05147991	0.05854756	0.05870741	0.05978152	0.06267099	0.06411102
0.32106515	0.31588789	0.32184584	0.30580423	0.29386022	0.28696473	0.26086123	0.25707167
0.18245218	0.18948155	0.18523527	0.19343009	0.22485677	0.23673322	0.22855032	0.23562396
0.32775135	0.32622033	0.31743025	0.32125098	0.31044064	0.30453088	0.30364199	0.29436767
0.29267722	0.27139483	0.26232909	0.24453532	0.23939164	0.22437516	0.21805755	0.2175735
0.46598651	0.46460215	0.45350869	0.46743187	0.45754863	0.49064468	0.48850562	0.49626753
0.90316697	0.8775419	0.72931784	0.72380319	0.41772393	0.28002035	0.2862578	0.31880981
0.24269712	0.23469673	0.24908668	0.22818988	0.21929097	0.21332532	0.21146872	0.21078177
0.28109064	0.27968559	0.28158032	0.27851236	0.26874817	0.26624454	0.26733251	0.26781847
0.16296796	0.16769729	0.16368235	0.16191304	0.16241142	0.16226666	0.15807622	0.15482704
0.34455237	0.34811804	0.36354394	0.37634873	0.40582356	0.41228926	0.41142555	0.40851874
0.37092733	0.3710743	0.37197071	0.37260933	0.36704269	0.35566522	0.37795818	0.35995907
0.26678959	0.26221094	0.25687524	0.25143012	0.24494966	0.25423227	0.25102691	0.24734123
1.05502175	1.01675566	0.88657274	0.75747914	0.79619607	0.70992225	0.65937993	0.57327301
0.06339751	0.06491308	0.06862998	0.06568523	0.06956415	0.06979044	0.07735858	0.06906428

0.46920458	0.3507273	0.40721222	0.36553962	0.37757258	0.29072002	0.26919637	0.21472827
0.04435762	0.11111019	0.11648044	0.11957736	0.12801192	0.11064364	0.10363624	0.10474672
0.10114716	0.08922562	0.09020609	0.09190022	0.09096966	0.09455512	0.14973414	0.13904366
0.05979701	0.04783173	0.05227001	0.0502336	0.05168008	0.05072274	0.05512605	0.0533695
0.45656557	0.45155848	0.44632237	0.44365777	0.39979871	0.39086847	0.40042807	0.38860975
0.40800543	0.38507805	0.37643871	0.38683182	0.41409038	0.4540568	0.47358269	0.49884227
0.03702435	0.03396775	0.037273	0.03854908	0.03975236	0.03592591	0.05935061	0.06180237
0.31280513	0.34067476	0.3178881	0.34543818	0.3308844	0.34276742	0.30553133	0.31749213
0.20335825	0.21832003	0.2116553	0.10150813	0.08280506	0.07056485	0.07356796	0.08126757
0.43495586	0.50415668	0.51903455	0.45681293	0.46900975	0.4789375	0.47674978	0.48002775
0.03274458	0.03163328	0.03048328	0.03152288	0.03036309	0.02996022	0.03303122	0.03663376
0.06765548	0.06433729	0.08747716	0.08199889	0.08087733	0.08568829	0.09243783	0.09313086
0.03778937	0.03757069	0.03689402	0.03559224	0.0343261	0.03516669	0.09188082	0.09099748
0.35758056	0.33260353	0.32633648	0.29104437	0.28622479	0.2423848	0.20437624	0.20394746
0.30436214	0.23745404	0.23597153	0.20917258	0.17906045	0.17315913	0.17450837	0.17956531
0.37691071	0.33508152	0.32716631	0.28643505	0.25723221	0.23393698	0.20347996	0.20295637
0.05614775	0.04933456	0.05750869	0.0612601	0.07075246	0.0765504	0.06136572	0.06378968
0.22496481	0.24749248	0.217602	0.23283663	0.22241352	0.23023751	0.22933639	0.23462529
0.73136909	0.64571838	0.59095238	0.53019488	0.51752944	0.45413093	0.41149508	0.40393588
0.05448676	0.06039114	0.05678696	0.06008722	0.06454886	0.063249	0.06007373	0.0572275
0.11188495	0.121772	0.11496141	0.0944445	0.09946791	0.09366425	0.16497511	0.15186283
0.20763419	0.20798394	0.20519843	0.20195192	0.20246345	0.1914373	0.19382253	0.19374149
0.40906296	0.41110622	0.47886883	0.42510252	0.45191774	0.3990076	0.36823863	0.38762392
0.02253117	0.02292577	0.02336587	0.02229668	0.02144846	0.02087977	0.03980174	0.03560376
0.31284859	0.27905678	0.26274103	0.26522413	0.24280622	0.23516174	0.17350551	0.2051752
0.15913346	0.18050408	0.1783223	0.16802713	0.17262103	0.17072028	0.16302935	0.12793932
0.91161173	0.85182638	0.70423613	0.66437558	0.64492336	0.62990674	0.65069429	0.62995887
0.13944514	0.14993776	0.13070102	0.12923111	0.1131525	0.10069293	0.12169632	0.13018635
0.20489117	0.19405734	0.18191863	0.18760883	0.18578615	0.18254956	0.08149385	0.08961407

0.13213389	0.12977822	0.12876188	0.12234449	0.12651797	0.15112865	0.15447891	0.15805862
0.19828379	0.17379672	0.17309194	0.1881524	0.1920544	0.19125573	0.2135198	0.22895036
0.2854183	0.26988855	0.27904906	0.2847145	0.30030268	0.30601673	0.30714755	0.32338835
0.14208239	0.14820929	0.15743722	0.1562761	0.15614578	0.14373446	0.13633987	0.17052785
0.33627809	0.29041004	0.32429373	0.29447336	0.30131062	0.27489151	0.34659936	0.34171124
0.04721036	0.04438605	0.0514183	0.05110398	0.0501282	0.04924343	0.05119605	0.0480578
0.22589828	0.24829058	0.27792447	0.2626546	0.23199346	0.22720235	0.24118192	0.24226448
0.14248488	0.14292126	0.14250743	0.14670509	0.16446955	0.15501036	0.15497155	0.15945503
0.24809976	0.246468	0.25184694	0.23143437	0.22204934	0.20591046	0.19840851	0.19894552
0.14451324	0.13931643	0.13360998	0.1342205	0.13616281	0.13817943	0.11957179	0.11859108
0.0431679	0.04534711	0.04570144	0.04805947	0.0494903	0.06166027	0.05950873	0.06069596
0.24199641	0.23873201	0.23835855	0.24553275	0.23652031	0.23604984	0.23642846	0.24198795
0.24693995	0.24279778	0.24505802	0.24248155	0.23794535	0.27004283	0.26447541	0.2739499
0.19273841	0.19712213	0.19679938	0.20077419	0.19765981	0.20882542	0.2045129	0.20098034
0.11358983	0.12013673	0.1162268	0.11477934	0.13185535	0.11106201	0.11211868	0.13324989
0.13632251	0.14418938	0.15413455	0.14436275	0.13932824	0.14754527	0.1420638	0.13121595
0.17961781	0.20704069	0.20509712	0.21848823	0.21597575	0.20457675	0.19669932	0.18426326
11.9044882	8.41937089	7.17785276	7.98914636	7.08785006	7.95655989	7.16344532	7.49202886
0.13258111	0.13299643	0.12662655	0.1382311	0.1789909	0.14374898	0.15983931	0.19469892
0.68552254	0.64327558	0.63342347	0.57942046	0.51005674	0.47363334	0.43675372	0.42682209
0.19409569	0.18961544	0.18798384	0.18423312	0.17755376	0.18272606	0.17718999	0.16454444

0.63520117	0.62322318	0.57423361	0.59751201	0.49539308	0.54029059	0.58158067	0.62285718
0.17521464	0.17954144	0.16788844	0.16861234	0.17411797	0.18692032	0.1786855	0.17323856
0.07254167	0.07707849	0.07486526	0.07954145	0.08328134	0.08452145	0.07134614	0.07464604
0.15258883	0.14374167	0.14117839	0.14597028	0.14516459	0.13983483	0.1250404	0.14429705
0.59398743	0.59348228	0.61748523	0.5815472	0.5630622	0.58471042	0.52827607	0.51930359
0.40143951	0.39333631	0.38751259	0.37092117	0.33179149	0.2847989	0.29054089	0.29593141
0.63073901	0.64131631	0.65087712	0.59744566	0.63334306	0.61364731	0.5646586	0.5382548
0.12273583	0.08905352	0.07922295	0.0710907	0.06736297	0.06669529	0.08154411	0.07684153
0.27303889	0.27046373	0.27972669	0.27990718	0.29103305	0.30824918	0.30436633	0.3203518
0.4942955	0.69491998	0.76526269	0.69573402	0.67134107	0.52620611	0.59620917	0.6028418
0.06167587	0.05442805	0.05064656	0.0517648	0.04458135	0.04782158	0.04956821	0.05079505
0.10958432	0.10980505	0.11609771	0.12394415	0.13132632	0.13633882	0.12939325	0.14031187
0.21383319	0.19805854	0.18953688	0.17363998	0.1727975	0.16479888	0.16614417	0.16937132
0.18099875	0.14925064	0.14852018	0.15444962	0.15692034	0.1576527	0.23505407	0.28040232
0.101495	0.11954237	0.13271127	0.13743663	0.14202117	0.14889451	0.09025047	0.1210983
0.1208113	0.12612861	0.1113988	0.13240446	0.1351624	0.1313142	0.1292724	0.13336746
0.06916854	0.06828868	0.06553774	0.06485057	0.06205545	0.05953926	0.08137548	0.07936938
0.10248067	0.10321299	0.10549198	0.10448595	0.10387539	0.10436528	0.09935977	0.09691192
0.17740827	0.18087677	0.17680234	0.17219212	0.1710475	0.16987397	0.19308061	0.19033929
0.58154521	0.5538029	0.52198705	0.48824295	0.45989739	0.45236608	0.4247211	0.41417312
0.29571018	0.30220151	0.30755437	0.30205726	0.28909007	0.26409425	0.24814088	0.27011923
0.18501017	0.17715699	0.18863711	0.16692038	0.16314929	0.15322525	0.13747833	0.13568734
0.27945853	0.2589222	0.19965851	0.1972637	0.1959369	0.20434284	0.17417479	0.1746408
0.25641101	0.27152852	0.25613867	0.2423546	0.24100244	0.24363782	0.45451283	0.5091154
0.61216258	0.59593868	0.58301045	0.55265559	0.54954647	0.55980246	0.56458328	0.56009045
0.01654836	0.01515675	0.01373251	0.01312273	0.01332447	0.01241513	0.03623843	0.0351095
0.01771352	0.01803017	0.01839318	0.01808007	0.01716573	0.01769541	0.02610587	0.02334062
0.09248695	0.08457676	0.11906763	0.07827405	0.09870223	0.12462511	0.1160495	0.10361727
0.22099465	0.23147575	0.24635191	0.25817948	0.24911695	0.24894525	0.2387331	0.24223169
0.3670469	0.35566589	0.37858859	0.41038648	0.42093901	0.3782043	0.32452895	0.2916079
1.73342028	1.86469319	1.81503721	2.06006903	1.99871838	2.02885443	1.745258	1.48467272
0.00083527	0.00079352	0.00073416	0.0006944	0.02340431	0.09171872	0.08101373	0.03794011
0.30936362	0.23770402	0.26591817	0.28362181	0.28954088	0.27908765	0.18675396	0.17094745
0.81821347	0.76077023	0.76433513	0.70978682	0.7936562	0.75508743	0.73243992	0.79857913
0.25755121	0.25703553	0.24744587	0.24181957	0.24092165	0.23881755	0.2390058	0.23986951
0.22188232	0.22422591	0.22772234	0.22247872	0.21890769	0.22471905	0.23324622	0.2253223
0.33187144	0.32838857	0.32470191	0.32967323	0.33236833	0.32587652	0.33223914	0.34546551
0.04427972	0.05905374	0.0674034	0.06082309	0.0510156	0.04547606	0.05081056	0.05059539
0.03271453	0.03799399	0.03803109	0.03802533	0.04235126	0.04033801	0.03956813	0.03825887
0.7248136	0.81530009	0.7758732	0.76910323	0.74807118	0.74906622	0.70096633	0.64255512
0.08074278	0.08969519	0.09958699	0.09310761	0.0927269	0.10986033	0.09059218	0.08483777
0.42597298	0.41909769	0.41573822	0.41806457	0.403312	0.38601903	0.38163669	0.37476569
1.7526466	1.63347785	1.6593093	1.57863175	1.73463628	1.67424168	1.70706806	1.65476598
0.05515607	0.055965	0.04924657	0.05743702	0.061674	0.06083004	0.03704541	0.04224216
0.22083359	0.20787585	0.23178271	0.21852166	0.22070846	0.22843438	0.23001624	0.23140255
0.02831794	0.02322554	0.0277944	0.02232428	0.02881962	0.02926667	0.02564029	0.02087179
0.13641205	0.14323763	0.1475146	0.15731628	0.16627808	0.16257225	0.16842728	0.17418885
0.10437967	0.09384652	0.09273677	0.0910741	0.09262333	0.09230136	0.13643125	0.16443566

0.21979305	0.18699358	0.17645962	0.18058612	0.18184179	0.17789234	0.22345286	0.22485917
0.17940391	0.18892396	0.18488342	0.18899031	0.18982146	0.20607255	0.20730458	0.21271334
0.69245204	0.70782011	0.70194651	0.71437718	0.7230443	0.67350417	0.65873288	0.66007887
0.13183673	0.12651837	0.1002176	0.12164938	0.11448739	0.09000452	0.08766638	0.0838869
0.36848165	0.36162133	0.31661872	0.28950218	0.28544946	0.32398358	0.28946347	0.28396142
0.24098177	0.23779361	0.23965311	0.22918335	0.22210364	0.21206626	0.20512268	0.20356393
0.35983939	0.3590084	0.35327917	0.34632047	0.34013166	0.33113344	0.32600478	0.3221478

2002	2003	2004	2005	2006	2007	2008	2009
0.08076431	0.09209549	0.08758288	0.09697923	0.10557837	0.1105956	0.10776185	0.13242337
0.02484132	0.0244168	0.02132761	0.02719411	0.02870456	0.03598475	0.06605092	0.08634049
0.13821385	0.14612589	0.13444504	0.10332472	0.09666217	0.08860525	0.08934582	0.09770872
0.03656257	0.04012201	0.03383931	0.02841513	0.0251548	0.02053107	0.02518601	0.04645626
0.17450836	0.17382159	0.17267117	0.15378382	0.14472953	0.14018183	0.12887268	0.12706794
1.18911836	1.18925247	1.23112439	1.28286886	1.23413153	1.30412371	1.26377315	1.20482402
0.30825362	0.2978287	0.28731225	0.29173815	0.27588079	0.28827401	0.33457495	0.35541938
0.17560443	0.17589903	0.17861465	0.16841534	0.1649375	0.16111367	0.16033711	0.1567391
0.16910982	0.1660082	0.16271493	0.169592	0.14924516	0.15218397	0.15601209	0.14475677
0.08110568	0.08338845	0.0801117	0.07801813	0.07879653	0.07888662	0.08493798	0.11132927
0.41081166	0.39794847	0.396161	0.38620309	0.38178285	0.37781492	0.36802992	0.36653158
0.16211449	0.17145962	0.16996848	0.16791882	0.15798866	0.14680455	0.14430529	0.13563919
0.5096462	0.50095036	0.45429428	0.37570238	0.28577601	0.20701431	0.20829526	0.16545803
0.03249487	0.02725355	0.03096202	0.02583047	0.03095582	0.04789596	0.02719402	0.02635786
0.21949568	0.22618426	0.21592377	0.20611756	0.19600536	0.1838997	0.18528166	0.1775667
0.10610439	0.11488639	0.11728299	0.12626938	0.16733367	0.17992873	0.17025088	0.17851404
0.0569244	0.05867288	0.05012583	0.04918708	0.04714043	0.06366972	0.07041177	0.06619664
0.08622892	0.08626513	0.0863437	0.08633252	0.08716185	0.08651692	0.09063396	0.09266714
0.41839075	0.44656684	0.40359053	0.38451385	0.37062178	0.37067347	0.33062452	0.29175115
0.50564926	0.49225247	0.46069934	0.50621027	0.51775476	0.48567154	0.4892536	0.47690432
0.09201407	0.06941206	0.07428853	0.07074323	0.08784784	0.10386413	0.11021817	0.09567507
0.41739709	0.41162634	0.40865405	0.41325126	0.43495155	0.43363172	0.45142564	0.46557779
0.44927709	0.42458966	0.40387084	0.37435424	0.35417602	0.31879085	0.30684459	0.29139405
0.04658266	0.04480923	0.03923766	0.04228926	0.0468946	0.04382953	0.04295939	0.05225173
0.02617395	0.02614751	0.02584604	0.02733694	0.03225909	0.03734579	0.03829176	0.03560624
0.15353089	0.15920643	0.16014229	0.16122348	0.16691559	0.17761404	0.17914873	0.18432963
0.13799649	0.13451785	0.13408568	0.13132858	0.12784842	0.12679321	0.12667967	0.11846762
0.14149359	0.14566922	0.14220859	0.13997813	0.14264804	0.13430746	0.15736338	0.16705998
0.17157107	0.19357151	0.18711326	0.17866204	0.2453686	0.23273196	0.25831386	0.23677378
0.12687401	0.1199621	0.11430919	0.11521918	0.1145415	0.10123074	0.09760887	0.12686677
0.17751124	0.16804072	0.16037132	0.16614631	0.14486584	0.14598758	0.1441543	0.15352037
0.05370678	0.05362429	0.0494184	0.04834446	0.04933271	0.04669397	0.03441695	0.03086121
0.36097212	0.36714473	0.34746906	0.34951204	0.33610194	0.34111053	0.32668528	0.31730936
0.08995715	0.09258874	0.09121725	0.08998536	0.08566776	0.07893627	0.07913683	0.07859691
0.18037497	0.17859965	0.18095787	0.17285545	0.16634868	0.17754626	0.18008368	0.17420658
0.69698945	0.73112006	0.76512224	0.77942277	0.76731104	0.73003566	0.68586881	0.67256507
0.0906405	0.07487901	0.07483076	0.0790335	0.07546464	0.07412223	0.07849502	0.07021044
0.0904341	0.08753478	0.08035685	0.07629619	0.0749051	0.08674175	0.08850232	0.09415469
0.04239481	0.04864439	0.0435279	0.04597596	0.04486304	0.04664023	0.04505141	0.042556
0.11039069	0.13658154	0.13396382	0.14873508	0.15322645	0.14524538	0.14199536	0.14108699
0.13322648	0.12712338	0.12073863	0.11860702	0.1058899	0.10293912	0.09957022	0.10410437
0.05841814	0.07418563	0.07883866	0.07430887	0.08701718	0.05649905	0.05444952	0.06553128
0.16328327	0.15719148	0.15416424	0.22516903	0.22884407	0.22261649	0.20275022	0.20058301
0.09422684	0.09709542	0.09468525	0.09380342	0.09495518	0.09788797	0.09267487	0.0897151
0.1579284	0.14776192	0.1370947	0.12780378	0.11651226	0.11220447	0.10408622	0.10342029
0.04631297	0.04246345	0.04237321	0.03653982	0.03685956	0.04465627	0.04863823	0.05351549
0.26057819	0.27757265	0.26243836	0.25404904	0.24584577	0.2426138	0.23929971	0.23826738
0.39991575	0.39597377	0.38028534	0.34999622	0.33224088	0.31842749	0.29553315	0.29422116
0.2094863	0.21289392	0.20693496	0.20028832	0.19607697	0.18398815	0.18297984	0.17958629



0.24710448	0.23998956	0.22459438	0.2035866	0.17006019	0.16630579	0.1610647	0.19505509
0.05892827	0.06296525	0.06518208	0.06372109	0.06463915	0.07267434	0.06498856	0.06707746
0.17266069	0.18919268	0.16709933	0.15282186	0.17014643	0.15498468	0.14638736	0.14727954
0.21116137	0.19140552	0.17300047	0.17047969	0.17102159	0.16055559	0.15531004	0.14731887
0.23123506	0.23362909	0.22384497	0.22287262	0.22535806	0.22564914	0.22982822	0.23186284
0.19092588	0.1897027	0.18750453	0.19153901	0.19654084	0.1967473	0.19080876	0.20534465
0.18744532	0.18526957	0.19311015	0.20555083	0.20369593	0.20338704	0.18986378	0.18885664
0.14656519	0.14531117	0.14672031	0.1204518	0.10938819	0.10521922	0.11410982	0.10562329
0.19333189	0.19249724	0.19530057	0.19636307	0.18408928	0.1841549	0.16714415	0.15377682
0.52033371	0.54137805	0.51679398	0.47124099	0.41465788	0.45845971	0.43711182	0.42748688
0.08194311	0.08951838	0.08587223	0.07332838	0.0700475	0.0688754	0.06719767	0.06215462
0.25654872	0.28353445	0.25925219	0.20852833	0.24041112	0.22247638	0.19401942	0.20136558
0.15671774	0.18049541	0.22296633	0.19364474	0.20439451	0.19099684	0.14162533	0.11822259
0.13374028	0.13428428	0.13093567	0.12950687	0.12308451	0.11800796	0.11551542	0.11501136
0.22054254	0.24469695	0.21928382	0.20603446	0.18927552	0.16191659	0.17857517	0.17607208
0.19845593	0.19715861	0.19266336	0.18698918	0.18277103	0.17507243	0.17021276	0.16160235
0.13967589	0.13846592	0.14260494	0.15032373	0.15676691	0.16166914	0.13594537	0.16071836
0.10915911	0.0974402	0.08620691	0.08603775	0.09811657	0.09931161	0.08639433	0.09465708
0.38360331	0.37701596	0.39781127	0.40217452	0.41022763	0.39350497	0.40645341	0.46505011
0.07794789	0.08135187	0.08148241	0.07584894	0.08011389	0.0774449	0.07954394	0.08522482
0.07769593	0.07387336	0.07195316	0.07488233	0.08422419	0.08512142	0.08145244	0.08468737
0.09194539	0.10896384	0.11068672	0.1061919	0.10954735	0.11221268	0.10252214	0.10591273
0.19886821	0.19506838	0.24722844	0.21566654	0.1999459	0.19381096	0.15231502	0.12461537
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0.04993744	0.05016102	0.04808559	0.0456029	0.05418269	0.05676173	0.0614644	0.07077745
0.0005552	0.0005415	0.21951906	0.21126968	0.20520444	0.19749064	0.19168797	0.16477552
0.09850151	0.09562451	0.09450172	0.09926517	0.0953721	0.09560029	0.08430315	0.08845911
0.25563394	0.25661356	0.26106057	0.23601248	0.20197533	0.22689164	0.22276783	0.21814756
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0.19359738	0.20497519	0.21948479	0.18752646	0.2020492	0.20239693	0.19414123	0.18762752
0.20567562	0.2074391	0.1989488	0.19175924	0.18397861	0.1862616	0.17375183	0.17402426
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0.32795869	0.45150062	0.32076283	0.30471034	0.28058153	0.25450922	0.27186453	0.28089955
0.22173835	0.21508093	0.20437402	0.18964768	0.1848947	0.18274949	0.19447004	0.21325949
0.28478678	0.28706195	0.27082572	0.25036964	0.2502827	0.24500626	0.23797148	0.23209836
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0.39850319	0.39590104	0.3924588	0.39031882	0.43895176	0.43000803	0.34950189	0.29764308
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0.10099203	0.10012126	0.09079323	0.08950787	0.08997429	0.10034622	0.10423257	0.12389332
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0.36730525	0.35916089	0.35533867	0.34045829	0.32751886	0.3161396	0.31283796	0.31497653
0.50594269	0.45342585	0.43770466	0.44398632	0.42741374	0.39416876	0.4119307	0.45301631
0.06545859	0.06415167	0.06322879	0.06112513	0.0738172	0.07251541	0.07855392	0.09147561
0.30600617	0.29652633	0.28166761	0.27241883	0.26111196	0.22131083	0.24857985	0.26550081
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0.0343182	0.03831807	0.03459192	0.03648722	0.03813203	0.04055574	0.04176401	0.04634047
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0.19227104	0.17420021	0.17096279	0.16952718	0.16049445	0.15841973	0.15699142	0.15382155
0.18696362	0.18985501	0.20699312	0.20595599	0.19150687	0.16825177	0.16683769	0.16315323
0.18945533	0.18043324	0.16752422	0.15267507	0.14499895	0.13766447	0.13534436	0.1443267
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0.2340169	0.21942315	0.23585062	0.23833252	0.2246875	0.22026694	0.22405672	0.21371176
0.38138322	0.38525966	0.35965718	0.35322408	0.3281754	0.31521801	0.28882282	0.30264868
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0.18635728	0.20135214	0.20055472	0.1960748	0.19310207	0.18873798	0.18235613	0.16999457
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0.15877378	0.15694893	0.15171758	0.15947074	0.16958308	0.16484496	0.15978734	0.15245637
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0.32490982	0.32813133	0.3328956	0.33752057	0.33134786	0.34021659	0.34233142	0.3183333
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0.37019308	0.38152427	0.32720086	0.35176738	0.33501013	0.33400723	0.32146648	0.31670134
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0.16369846	0.1749227	0.17039788	0.15502185	0.15759962	0.15539764	0.14432291	0.14595587
0.19893221	0.2012894	0.20000604	0.19115449	0.18024183	0.17483214	0.1721482	0.1735276
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0.19479842	0.19160012	0.19877433	0.18879002	0.19316084	0.2061403	0.19489478	0.19280941
0.11364896	0.11048484	0.10326985	0.1242151	0.1205929	0.10750384	0.09497863	0.11214144
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0.18075605	0.17633416	0.1674824	0.16633588	0.1420942	0.14465476	0.14007398	0.13964343
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0.28446885	0.28068859	0.28249142	0.33291228	0.32086983	0.32809482	0.31260554	0.26945614
0.20041706	0.20377344	0.19862588	0.19340337	0.18743475	0.17955966	0.17366881	0.16752397
0.31874931	0.32192392	0.32031142	0.31782099	0.31232863	0.30800555	0.30143016	0.29982836

2010	2011	2012	2013	2014	2015	2016	2017
0.13323403	0.07756377	0.10125124	0.10463697	0.11364287	0.11989268	0.12369834	0.11119317
0.09667278	0.14099943	0.10706566	0.08615245	0.07907508	0.08313081	0.07331715	0.07653654
0.10091947	0.10143676	0.09766671	0.10743103	0.11094006	0.11776751	0.11426941	0.10220714
0.05711092	0.06194907	0.06700062	0.08363239	0.08785935	0.10189292	0.11406103	0.1349011
0.1306164	0.13943169	0.12493283	0.13014643	0.13663172	0.12757243	0.11501839	0.13064675
0.87812601	1.1254541	1.1464295	1.05787713	1.17400918	1.18367591	1.0363869	0.84697152
0.36381207	0.35309923	0.36194584	0.36296697	0.35377913	0.34588601	0.33654392	0.32155448
0.15310691	0.15051706	0.15536127	0.1552256	0.15662448	0.15740946	0.15904825	0.15246488
0.13525412	0.14736067	0.15892088	0.14904642	0.15088301	0.14255961	0.13613585	0.13404332
0.12635893	0.09819468	0.10121302	0.1168013	0.12317929	0.12632014	0.13132192	0.11279651
0.36293011	0.35229052	0.3394254	0.32466767	0.30908926	0.30570063	0.30334813	0.29816551
0.14442495	0.13727907	0.13036884	0.13144122	0.12366807	0.12510021	0.12341262	0.12482438
0.14992703	0.16570698	0.17767152	0.17275733	0.17579166	0.17287887	0.17785403	0.17654417
0.03614798	0.04531707	0.04185401	0.04510725	0.03849139	0.04255071	0.04778152	0.05289104
0.18479417	0.16527122	0.16172684	0.16307418	0.15024238	0.15424951	0.15065653	0.14597059
0.18964928	0.17982359	0.1634126	0.16039202	0.16564724	0.17320408	0.20617962	0.19773466
0.0651455	0.0693192	0.07614834	0.08474147	0.07285882	0.09921019	0.09345767	0.10067026
0.09675871	0.09766949	0.09810213	0.09545868	0.09571627	0.10013757	0.10283908	0.10371709
0.30563943	0.33128016	0.29960195	0.2682611	0.28285911	0.28824667	0.26444816	0.26916269
0.47659052	0.47004812	0.47210323	0.4762194	0.4730027	0.46223091	0.44653089	0.43391636
0.10675737	0.07063628	0.08165768	0.09018906	0.09222121	0.09002771	0.10105568	0.10842864
0.4734638	0.53335693	0.49611815	0.48269732	0.42746323	0.41043723	0.44864067	0.44351977
0.2900292	0.26209623	0.26308037	0.26111936	0.25486138	0.24511655	0.25102188	0.24962914
0.06126808	0.03940259	0.04135454	0.04992669	0.04777084	0.05594175	0.05898937	0.06562696
0.04611786	0.02377339	0.02908921	0.03248453	0.04635867	0.0390078	0.053061	0.04688707
0.19168549	0.19824513	0.1996795	0.19858515	0.20248523	0.19797039	0.20328407	0.19890971
0.12569599	0.12741509	0.13424349	0.13700054	0.14229069	0.13980703	0.13472323	0.13629076
0.17550369	0.14645069	0.13908008	0.16006597	0.14635929	0.15411252	0.16140064	0.14164658
0.21232032	0.21801466	0.20947987	0.2187112	0.23348592	0.21296703	0.23421458	0.23032933
0.12884485	0.14608301	0.13244337	0.13667499	0.13195461	0.14393929	0.14444551	0.15185638
0.11409227	0.12674647	0.11135906	0.15729994	0.19268539	0.20111832	0.17868191	0.18922516
0.03021031	0.03167664	0.03078835	0.03255186	0.03499283	0.04789704	0.04921981	0.0490102
0.31904373	0.31720931	0.30706963	0.30430885	0.29850214	0.29486131	0.29119413	0.29104798
0.07899378	0.07082818	0.07217133	0.07253922	0.06498505	0.06287595	0.06245397	0.06012974
0.17446097	0.17957411	0.17402412	0.17686234	0.1601033	0.16798974	0.17387041	0.17325098
0.66500737	0.66354664	0.63448265	0.6170154	0.58100556	0.53582494	0.50278916	0.48022602
0.07497169	0.07666531	0.09077881	0.08905486	0.08689102	0.08730499	0.08246304	0.08301017
0.09284167	0.08522661	0.08235296	0.08540884	0.08761096	0.08585366	0.08675561	0.0851006
0.04164281	0.04456746	0.03726072	0.04777115	0.05604634	0.03397582	0.02556664	0.02867378
0.13813479	0.12390616	0.10405121	0.12725389	0.11576815	0.12563974	0.13376094	0.14018774
0.10277099	0.10342898	0.09992314	0.10822722	0.10515773	0.10381861	0.10453316	0.0939119
0.07435078	0.06476703	0.0651372	0.07478924	0.06417864	0.06951861	0.07864136	0.09742833
0.20899465	0.23483468	0.20029842	0.19450076	0.20228616	0.20240138	0.20359252	0.20586899
0.08420698	0.08578109	0.08113923	0.08227533	0.08056844	0.0749709	0.07632992	0.07459267
0.10567169	0.1011869	0.10235401	0.10016798	0.09173761	0.09614583	0.08884081	0.08446257
0.05977239	0.04768064	0.04506543	0.05048987	0.05269348	0.05539594	0.05630728	0.05826936
0.22245928	0.21431997	0.20646348	0.19987609	0.21539183	0.20946015	0.20702438	0.19962725
0.29030277	0.27849903	0.27098299	0.26041464	0.24932245	0.23889546	0.23626207	0.22581004
0.18288356	0.17018552	0.1720375	0.17509982	0.16313795	0.16201136	0.15935035	0.1522892

0.24002463	0.16657136	0.19943825	0.20242042	0.18897289	0.16062717	0.13681014	0.11655671
0.06866651	0.05299697	0.04886667	0.05445762	0.05806688	0.06457873	0.06743353	0.0642747
0.14491349	0.12807318	0.11339894	0.11743636	0.10371929	0.09538081	0.09680915	0.0885252
0.14342498	0.14039441	0.14158217	0.13252544	0.12504854	0.12867005	0.12567363	0.11482722
0.22606346	0.23091487	0.25344771	0.25661183	0.26225199	0.27027008	0.25401611	0.25890703
0.21275962	0.19808344	0.18812485	0.18669763	0.18886576	0.18740106	0.18293346	0.16753814
0.18081646	0.18404701	0.19121007	0.18374477	0.18193731	0.17902722	0.1792417	0.18028878
0.10239176	0.09718937	0.09811346	0.10254038	0.07858038	0.09600884	0.09243897	0.10082215
0.14719272	0.14937892	0.15090677	0.13878258	0.13551584	0.13913699	0.13083901	0.13428704
0.535105	0.50154804	0.46008311	0.5062946	0.47018096	0.42098758	0.40788078	0.40953499
0.05498972	0.05724798	0.0594943	0.06251432	0.06735366	0.0664481	0.07205517	0.06509746
0.22512362	0.19410632	0.17691724	0.18196356	0.16930832	0.15658559	0.1616879	0.1479195
0.18320683	0.13093622	0.12492831	0.13592176	0.14620465	0.14505874	0.13943715	0.1454889
0.11506121	0.10858479	0.10878806	0.10664434	0.0960057	0.0963633	0.09611864	0.0949668
0.17977648	0.16397461	0.15767064	0.15400709	0.15223958	0.15062494	0.1489117	0.12829803
0.1637103	0.1484037	0.15325362	0.14710782	0.13052286	0.12334549	0.11446922	0.10809014
0.14712672	0.16426142	0.16812006	0.17682208	0.18271368	0.1913153	0.19150262	0.18450841
0.09821327	0.09288064	0.10255598	0.10159213	0.09518277	0.0981203	0.0973534	0.09431892
0.45893235	0.44095808	0.44610427	0.45936818	0.48365062	0.51852738	0.49333794	0.47815378
0.09347928	0.09394689	0.0843143	0.07324484	0.0731548	0.08426195	0.08559364	0.07783792
0.08136354	0.09355407	0.08559055	0.08348802	0.09086641	0.09082827	0.08982527	0.08634254
0.10200276	0.09617833	0.09889202	0.09845354	0.09996497	0.09893819	0.09805556	0.07489804
0.1427721	0.139611	0.12112625	0.1292442	0.12858738	0.13378105	0.14623797	0.14057755
0.2133683	0.22959014	0.23393543	0.21737154	0.20796103	0.20380146	0.20099054	0.19946929
0.07962698	0.06113646	0.06394729	0.08056286	0.06736686	0.06735204	0.07072532	0.06794805
0.18862354	0.20156089	0.15682839	0.15923919	0.13591185	0.15000432	0.14317978	0.13992394
0.083016	0.08219789	0.08268529	0.08578229	0.0881876	0.09895306	0.10241963	0.09447239
0.22647249	0.22411387	0.23253335	0.22151203	0.22750335	0.22698612	0.25898412	0.25084523
0.10667551	0.10889608	0.10580694	0.10616121	0.10636847	0.09665923	0.09638425	0.09091345
0.17670311	0.20233094	0.2032736	0.19327865	0.19197529	0.19604275	0.1858382	0.15967204
0.17023005	0.16637193	0.15640685	0.15349538	0.14811908	0.14727479	0.14406522	0.14336338
0.08293142	0.08940946	0.08334681	0.08624362	0.09088856	0.09701163	0.09757538	0.09541031
0.18587433	0.17930373	0.16821489	0.15533241	0.14913919	0.15251145	0.1515231	0.15403555
0.20359396	0.21607841	0.20554402	0.18341155	0.18576314	0.17966897	0.16927989	0.17021168
0.27716711	0.27946991	0.28970629	0.2804535	0.2811127	0.26230525	0.24693479	0.24431464
0.15403368	0.13804032	0.13990493	0.13362665	0.1221416	0.10221056	0.1054455	0.09345951
0.50532715	0.50017441	0.52546183	0.55173807	0.54604053	0.54780628	0.51368569	0.51863913
0.30391231	0.29377217	0.29596403	0.29847765	0.28526184	0.27164117	0.2636546	0.29212571
0.21425731	0.2029089	0.20307286	0.19771848	0.18150964	0.18209183	0.15004343	0.15084397
0.2357137	0.22020101	0.23351066	0.19680151	0.18341628	0.18438877	0.17483484	0.16866043
0.14288953	0.13883995	0.13619464	0.12723732	0.12065592	0.12344269	0.12029116	0.11712949
0.28869912	0.28038975	0.26014928	0.27622878	0.2646336	0.25807932	0.27323549	0.25938567
0.25757184	0.25590044	0.29167848	0.27925075	0.28961429	0.28027732	0.27052825	0.27775933
0.23182798	0.24181736	0.2456481	0.24364953	0.23369136	0.22273775	0.22061641	0.21433631
0.56273297	0.56261674	0.5347497	0.54019165	0.42077982	0.36762265	0.38193698	0.38722275
0.07734601	0.07593593	0.06744385	0.07172763	0.07811301	0.08050422	0.08374052	0.08361671

0.24776136	0.27979235	0.36993487	0.30942703	0.30528489	0.30496761	0.27600646	0.26069536
0.12374298	0.12017362	0.11755824	0.11069359	0.12758687	0.14448432	0.16807928	0.17574194
0.26559212	0.23937779	0.22153854	0.22213077	0.2213258	0.20399471	0.20712752	0.23261776
0.08419083	0.0652388	0.06731189	0.07260357	0.07230069	0.07517916	0.07919299	0.07366743
0.31991922	0.32442375	0.31844551	0.30707901	0.29501794	0.29577821	0.29499841	0.28941932
0.48056674	0.45546777	0.43143024	0.43781359	0.42674525	0.4400928	0.43909414	0.45590372
0.09452541	0.09235903	0.09122752	0.09985493	0.10321661	0.19579174	0.3252321	0.36892835
0.23561973	0.23724609	0.25837726	0.24532256	0.25869916	0.27747514	0.28298135	0.29485138
0.12776144	0.13219977	0.13568425	0.11579207	0.14838612	0.15318123	0.17460894	0.14989045
0.42261607	0.59125574	0.44967914	0.54622391	0.70060699	0.62529265	0.59571298	0.48631921
0.05220835	0.03874026	0.04008389	0.0467521	0.04910635	0.05032765	0.05238858	0.0506629
0.06584343	0.07130281	0.07383337	0.05883404	0.06665264	0.07050615	0.07997189	0.07487557
0.09972189	0.09976782	0.09984977	0.0988028	0.09912139	0.09464101	0.10054784	0.11227863
0.16085098	0.15470448	0.15074994	0.13425856	0.12818992	0.12991595	0.1254149	0.12421818
0.16618528	0.16265882	0.15681103	0.14437875	0.13382523	0.1240523	0.11476772	0.1151161
0.17303796	0.15640658	0.14245661	0.13533556	0.12929642	0.1256825	0.12008323	0.11548402
0.0245274	0.01980068	0.01870583	0.01758941	0.02066692	0.03477564	0.03332435	0.03688079
0.21950869	0.22495613	0.22708285	0.21787899	0.21563048	0.21250385	0.21093566	0.21016364
0.30780797	0.29190805	0.28738308	0.23644326	0.24161646	0.2502206	0.24268088	0.22969823
0.05406586	0.0620418	0.07483005	0.07824868	0.07781009	0.08230216	0.07527174	0.07913623
0.17536597	0.17540016	0.21596492	0.22698217	0.28480703	0.19839482	0.20320877	0.20093468
0.2064085	0.20355103	0.20452868	0.19790787	0.18791613	0.18658094	0.18558776	0.18372763
0.27889346	0.30426276	0.28704895	0.25501384	0.23363048	0.21380705	0.19969538	0.20690189
0.05628475	0.05970028	0.06343504	0.07468033	0.07338635	0.08299867	0.10158852	0.10766172
0.1659771	0.16438642	0.16660015	0.13811191	0.12760004	0.0821589	0.06489261	0.0667928
0.04520258	0.04550825	0.05804319	0.06062246	0.06991184	0.07269426	0.07991506	0.11059457
0.57248853	0.53165537	0.51482558	0.50077806	0.47266388	0.42609744	0.4452416	0.4646582
0.12808465	0.14086773	0.14431901	0.14738645	0.15485513	0.1608148	0.19816534	0.19261443
0.11129018	0.11534942	0.1236343	0.10866935	0.11970515	0.11559328	0.10856176	0.14671443

0.15615356	0.1492547	0.14765306	0.14725813	0.14667088	0.14186229	0.13912364	0.13843993
0.19416941	0.23689624	0.23033355	0.1931445	0.18064309	0.17318005	0.16877719	0.17849217
0.32266445	0.31035669	0.29633971	0.30541119	0.30537257	0.29226938	0.27388798	0.24869649
0.1421787	0.14330273	0.14358789	0.14518149	0.14205852	0.14312478	0.14736274	0.14633942
0.38349403	0.37245921	0.36699453	0.39695622	0.47613186	0.45180005	0.47284671	0.45296707
0.06518508	0.06509875	0.08212626	0.07728319	0.07833641	0.07394096	0.06988064	0.06083313
0.10607307	0.11102374	0.10486367	0.11158752	0.11092021	0.10306023	0.10749234	0.10515959
0.14357052	0.14137361	0.13182646	0.12017161	0.1213695	0.1296868	0.12912012	0.12254067
0.18238964	0.16798554	0.16731018	0.16534101	0.15569346	0.15990245	0.15777942	0.15085706
0.11758239	0.11376119	0.1094549	0.10949402	0.10755411	0.10775911	0.10522316	0.10277385
0.05671739	0.06144033	0.06816377	0.0665947	0.07335547	0.07025944	0.10284246	0.11572674
0.18537326	0.17733383	0.18439105	0.17841106	0.17546494	0.16962268	0.16050594	0.16206973
0.38559077	0.43476759	0.45081686	0.44872247	0.47056725	0.47374443	0.46452611	0.46677838
0.18471234	0.17940867	0.17623536	0.17282701	0.17467084	0.17659857	0.18291548	0.1898374
0.11213027	0.10971097	0.10444266	0.09595378	0.09586322	0.08948228	0.08552447	0.07707553
0.13067263	0.13182751	0.12405244	0.12006234	0.12409214	0.12390558	0.12483667	0.11692963
0.14056199	0.13473295	0.13336445	0.13607825	0.1365244	0.13969864	0.139723	0.14612682
6.93822325	7.41023953	11.1303313	5.81065225	3.83472413	3.29466418	3.12651997	3.38848801
0.15479849	0.16170153	0.14729829	0.15238085	0.1623964	0.16437309	0.17269912	0.16389461
0.31557565	0.29819215	0.28717653	0.28061184	0.25950147	0.2512347	0.25277312	0.25065955
0.0884523	0.0770978	0.07489692	0.07248134	0.07719977	0.08198663	0.07790293	0.08220043

0.60404772	0.46897286	0.44161371	0.33817661	0.36744754	0.28571874	0.31187603	0.62951479
0.13774381	0.13526316	0.13656157	0.13331998	0.13098238	0.13958418	0.13366582	0.14091915
0.071425	0.07118923	0.07116863	0.06849169	0.0687076	0.07472602	0.08085776	0.08698495
0.16179511	0.16124474	0.15722403	0.1683131	0.16557474	0.16632644	0.164522	0.1602219
0.34608746	0.35164548	0.37264926	0.39055807	0.40211451	0.3953714	0.38351776	0.38952275
0.16432089	0.16943469	0.16219059	0.14678849	0.14002106	0.13798648	0.13148502	0.12629753
0.36612635	0.36825623	0.35153556	0.33492398	0.32982826	0.3377949	0.33282515	0.33224536
0.03981056	0.03846208	0.03933741	0.0417749	0.04001347	0.04242327	0.04379896	0.04566942
0.40111428	0.37796488	0.37978501	0.37578977	0.38761474	0.38704509	0.37868126	0.37145707
0.41524714	0.43490961	0.38848416	0.38266079	0.32770307	0.37166852	0.37129802	0.36151159
0.08873291	0.08802681	0.10442498	0.10082272	0.10153147	0.11626911	0.12688514	0.12526052
0.16224334	0.17159912	0.16245862	0.16890528	0.17000037	0.17575583	0.18458981	0.17029874
0.10132517	0.10018307	0.09371897	0.09382081	0.09239402	0.09190982	0.08518268	0.08752483
0.25061123	0.24262854	0.23620609	0.23721468	0.22332271	0.19569979	0.17983339	0.17963868
0.07859873	0.09102006	0.08901883	0.0846873	0.0862747	0.09097066	0.08850342	0.08333131
0.12805427	0.12888781	0.1248254	0.11575828	0.11687881	0.12176181	0.11978945	0.10599474
0.05204999	0.04898682	0.04553576	0.04702916	0.04278052	0.04093269	0.03914177	0.03530276
0.13992784	0.14185477	0.14445688	0.13797356	0.12841384	0.13367503	0.13208517	0.12773345
0.14087987	0.14879384	0.18110323	0.16467959	0.18815723	0.2025702	0.23140936	0.18855711
0.24836758	0.22970535	0.2160217	0.21628871	0.19678545	0.19002294	0.19145119	0.19790766
0.21664448	0.2012724	0.19949213	0.20149745	0.17858144	0.17680865	0.18004015	0.17546171
0.10083244	0.089541	0.08499043	0.08075894	0.07653943	0.07345964	0.07151907	0.06850138
0.09588275	0.08979379	0.08431788	0.09639109	0.09750665	0.0991054	0.10767637	0.10453652
0.4725122	0.36949391	0.4084967	0.36481778	0.40053092	0.38738938	0.38481049	0.37266479
0.4667162	0.42463376	0.45328176	0.41590734	0.40117161	0.39732909	0.4087024	0.44767384
0.09047198	0.06543194	0.06860621	0.07846019	0.08183885	0.07732756	0.07948332	0.08171018
0.02031068	0.02684057	0.04364615	0.0448834	0.04449625	0.04940258	0.05461511	0.0733369
0.1885459	0.16350389	0.14686037	0.11926855	0.10295191	0.08698151	0.1131598	0.09456352
0.21466021	0.21318867	0.21335993	0.21658334	0.21165688	0.21080994	0.20109143	0.1936789
0.16384791	0.15312308	0.16183946	0.15463651	0.19228251	0.19367169	0.20336388	0.23036176
0.74129729	0.70467492	0.68561253	0.65748382	0.61289452	0.61725957	0.62394927	0.59589063
0.0761912	0.07974032	0.12895377	0.15086512	0.14166163	0.1287595	0.11840575	0.12733448
0.21402859	0.19053872	0.18605323	0.18745883	0.20285825	0.20490269	0.2043471	0.24420631
0.87883152	0.88644179	0.7610046	0.72034764	0.69073592	0.68798129	0.68265791	0.69222215
0.20858693	0.2016794	0.20809489	0.20300949	0.2107601	0.21230897	0.20408749	0.20252799
0.21606622	0.20711748	0.20442216	0.18280021	0.1854206	0.18090994	0.18624254	0.19182201
0.26285348	0.25949262	0.25057615	0.24908585	0.2411609	0.23761336	0.23596417	0.2328354
0.06355217	0.07152477	0.08165937	0.08362446	0.07607506	0.08405066	0.08420925	0.07921552
0.0502802	0.05144921	0.05030102	0.04923591	0.05153821	0.05682726	0.05822961	0.05871091
0.40246837	0.40462375	0.39382316	0.38196588	0.36287442	0.3376281	0.3312647	0.29278664
0.07776409	0.08917609	0.09818652	0.08093218	0.06884979	0.07034958	0.06852616	0.06316672
0.29840198	0.28242678	0.26466768	0.26615754	0.26055223	0.24774705	0.23838948	0.22945876
0.91570241	0.86888346	0.71911804	0.66006498	0.57687409	0.51161632	0.51209687	0.50904228
0.06756824	0.0480949	0.06049254	0.05558363	0.06155669	0.06176459	0.06310651	0.06713578
0.21695621	0.20374266	0.21612429	0.2123502	0.21975829	0.2148143	0.2398091	0.26521779
0.07717099	0.04661827	0.06389183	0.06022815	0.05909769	0.0634596	0.06622395	0.05739496
0.2463344	0.23144456	0.21859726	0.21628549	0.22287763	0.23380464	0.24507526	0.23524427
0.19332253	0.21749442	0.17700113	0.18019534	0.20275166	0.1835057	0.18261551	0.19665277



0.21196734	0.20769273	0.21606039	0.22439409	0.2291084	0.253175	0.25252041	0.25412734
0.22834402	0.22840281	0.21338226	0.26633736	0.26283342	0.18345825	0.15098375	0.15551133
0.62649345	0.58149342	0.58864271	0.5891412	0.59481731	0.55795374	0.55480619	0.55954995
0.06403745	0.06825934	0.08395355	0.08409429	0.08789981	0.09069451	0.09534887	0.11232424
0.28122486	0.38627179	0.26831752	0.25951454	0.25334075	0.25012462	0.22008845	0.19868137
0.16953498	0.16169465	0.15955168	0.15562765	0.14618294	0.14565498	0.14316269	0.14006769
0.30314648	0.30085992	0.29547362	0.2918849	0.28405935	0.27423026	0.26688417	0.26176706

2018	2019	2020	2021	2022	2023
0.1084411	0.13292496	0.14183818	0.12293073	0.111749	0.11189469
0.07437925	0.06541645	0.06519002	0.09246832	0.10271546	0.11326307
0.09733149	0.10292602	0.08192962	0.09875214	0.10376274	0.10618028
0.17047337	0.11098193	0.09785205	0.08947286	0.07834812	0.07266529
0.1247536	0.11409394	0.10863461	0.11021497	0.09613471	0.09259195
0.69783933	0.55940108	0.55842319	0.58455829	0.56180206	0.51967906
0.29065435	0.30373801	0.31610101	0.31195005	0.297252	0.2862052
0.15530271	0.15300404	0.15761774	0.15954931	0.15426297	0.14883427
0.13329331	0.13372903	0.15509055	0.1592114	0.13725475	0.1338197
0.1123029	0.12568489	0.12560846	0.1284306	0.11774965	0.11953113
0.28859463	0.28150522	0.2718264	0.26088633	0.24383182	0.23589403
0.11679353	0.11743067	0.11488397	0.11650844	0.10284733	0.09962697
0.17663925	0.1833339	0.18340065	0.18360721	0.18467179	0.1980866
0.06998551	0.07572682	0.08383986	0.08180133	0.07599417	0.07441254
0.14397158	0.14051277	0.13707034	0.13372447	0.12102883	0.11217004
0.21103578	0.19224911	0.19773397	0.13897384	0.13405881	0.12260247
0.10527198	0.11037716	0.10822646	0.10877026	0.11068382	0.10497091
0.10091007	0.09583423	0.08782469	0.09352748	0.09286324	0.08829933
0.24589664	0.22787248	0.21022856	0.22639209	0.23821484	0.1858933
0.42506	0.4532319	0.47527231	0.46869173	0.43500929	0.43776964
0.11864429	0.13815808	0.14263598	0.13672368	0.12393635	0.12732528
0.42846105	0.39106025	0.40210029	0.38164191	0.362144	0.34494685
0.25542161	0.24312637	0.23197562	0.22829093	0.23204909	0.21294842
0.05651591	0.05904034	0.05582865	0.05311669	0.05205125	0.0529718
0.05151753	0.05899445	0.05574845	0.05549819	0.05235979	0.04876243
0.19242851	0.18858926	0.17435925	0.19325803	0.19445704	0.19874792
0.12747668	0.12523234	0.12374897	0.13358561	0.12273449	0.11941259
0.15457089	0.17379383	0.15996996	0.18253068	0.1614074	0.16182461
0.23485119	0.21408488	0.27573081	0.27573328	0.27173417	0.27555227
0.17051636	0.17643129	0.17378603	0.17920413	0.17546149	0.17289536
0.20022739	0.1737626	0.15798189	0.15293121	0.16006037	0.15884429
0.04902457	0.05148006	0.05306156	0.05345943	0.0608483	0.06298453
0.29312439	0.2846312	0.26983346	0.26329282	0.25978969	0.25691135
0.05654034	0.05572457	0.05324617	0.05290475	0.04723456	0.04663762
0.16672898	0.17569851	0.17198768	0.15729766	0.15372795	0.145026
0.4716792	0.45588966	0.45237331	0.43792133	0.42201806	0.42462537
0.07925962	0.07936663	0.07815962	0.08099982	0.0775714	0.07108189
0.08739122	0.08224229	0.08317532	0.07933106	0.0810426	0.07742047
0.02686657	0.02782732	0.02819819	0.02695169	0.02743399	0.02467035
0.16569897	0.18478123	0.20169613	0.19019174	0.20613909	0.18999754
0.09604143	0.09387577	0.09889183	0.09706896	0.09439668	0.10312904
0.10264957	0.11528073	0.12129582	0.12085132	0.11004735	0.10730763
0.19979711	0.19811955	0.26303871	0.25001964	0.2224014	0.20523857
0.07323589	0.06941835	0.06344775	0.06564442	0.06334687	0.06386656
0.08371151	0.07676096	0.07575232	0.0689434	0.06576639	0.06824824
0.05374418	0.07223732	0.06167319	0.06503635	0.06210774	0.05784546
0.18512695	0.17548047	0.17130983	0.15821698	0.15673169	0.15291552
0.21671208	0.198728	0.19215873	0.19491643	0.19098559	0.17439615
0.14541227	0.13419863	0.12863647	0.13153231	0.12571009	0.11145824

0.12037647	0.1123393	0.11516742	0.11888218	0.1081986	0.10152429
0.06721814	0.07149904	0.06974132	0.0720462	0.06850931	0.06892229
0.08701053	0.07693594	0.07256782	0.07182659	0.06693353	0.06249737
0.11564575	0.1225604	0.12390822	0.12171231	0.11598699	0.11983546
0.26803256	0.27599429	0.27491667	0.27694598	0.277588	0.25767332
0.17251022	0.16995455	0.16381102	0.16661246	0.166231	0.17419607
0.16757067	0.1466839	0.13515637	0.14447319	0.13414575	0.1304216
0.09968527	0.09870651	0.09897696	0.10198304	0.09312462	0.0906507
0.12822795	0.11777978	0.11253211	0.1148703	0.10763607	0.096887
0.4157267	0.26286458	0.20719039	0.20713091	0.21280023	0.19932025
0.06707426	0.06673219	0.05639657	0.05464922	0.04967167	0.04711642
0.15057551	0.13842328	0.12674511	0.12315809	0.11141845	0.10048667
0.14777584	0.15452679	0.18787938	0.20705257	0.18191823	0.17406531
0.09028414	0.08706475	0.08382887	0.08755976	0.0830628	0.07503523
0.11888746	0.11834527	0.11769565	0.1122377	0.11446144	0.10221599
0.10433914	0.09828399	0.09788553	0.09585445	0.0886064	0.0816601
0.17342566	0.1761775	0.18211162	0.17315863	0.16231014	0.15376723
0.10016414	0.09929859	0.10831533	0.11639527	0.11112551	0.10522525
0.47878996	0.47915467	0.46014021	0.46726244	0.48771517	0.49755332
0.07395814	0.07432771	0.07402653	0.07267025	0.07197556	0.06557854
0.08127832	0.08276828	0.08638483	0.08350202	0.08313587	0.07663765
0.07262199	0.07366389	0.07603504	0.07270599	0.07287106	0.06785534
0.14365726	0.14784894	0.15235368	0.14730921	0.13561124	0.13051064
0.191041	0.17353859	0.16265198	0.15530673	0.14912245	0.13751122
0.06658847	0.0759424	0.07146178	0.0755064	0.07064715	0.0710674
0.14047799	0.13781639	0.1385186	0.14216668	0.14926729	0.15094072
0.09989482	0.10077036	0.09198723	0.09772799	0.0926301	0.09565889
0.25106973	0.25794872	0.21430369	0.17535286	0.10901028	0.08150657
0.0882453	0.08862411	0.07662614	0.07181472	0.06935483	0.07140807
0.14813203	0.16312847	0.15544371	0.15482641	0.15537816	0.15897036
0.13157382	0.12862207	0.13498471	0.12269477	0.11284262	0.10957921
0.09308629	0.09570855	0.09535174	0.0956233	0.096753	0.10278808
0.14546716	0.13835902	0.13980395	0.13391363	0.12128689	0.11268863
0.180495	0.18332678	0.17454944	0.17541589	0.17661855	0.17270565
0.24264211	0.23077653	0.22343307	0.22385813	0.22503006	0.22552596
0.08363741	0.07568872	0.06714786	0.06159907	0.05525821	0.05338464
0.52439226	0.57007106	0.56403849	0.55844221	0.55412697	0.5406488
0.30660409	0.31530569	0.31549185	0.31882844	0.32269372	0.33669943
0.1430906	0.13457419	0.13797325	0.13978586	0.12931218	0.11799664
0.1519807	0.15051026	0.14509634	0.13276278	0.1280583	0.12289139
0.11426809	0.11100595	0.10851902	0.11319675	0.10844722	0.09864994
0.30295593	0.29252804	0.22670638	0.23693356	0.22272347	0.23489147
0.25925768	0.23880927	0.21949436	0.21954058	0.21459373	0.22076373
0.20621071	0.20006942	0.19639284	0.19376951	0.17867862	0.16398676
0.37394753	0.33915035	0.36034544	0.37644216	0.35785172	0.33998609
0.07587097	0.0733119	0.07273621	0.07562687	0.0718013	0.06920153

0.29908559	0.25489349	0.24986842	0.26728898	0.24076275	0.23017647
0.170251	0.20440159	0.22084017	0.21664683	0.21294054	0.20919708
0.2299151	0.23122843	0.23648076	0.22809726	0.23182308	0.22991309
0.07561755	0.08448063	0.08102851	0.08920669	0.08104422	0.08261302
0.28238006	0.26817552	0.25477676	0.2509708	0.22781714	0.21930656
0.45339054	0.45096985	0.4750587	0.50281669	0.48825731	0.50960254
0.35838438	0.3314162	0.33091277	0.39545991	0.39690682	0.40548255
0.28202001	0.29757591	0.30591682	0.25417451	0.25594748	0.26333454
0.16881941	0.18276149	0.20058307	0.19978052	0.19801178	0.18424849
0.46582519	0.49915069	0.94894713	0.45758588	0.45995845	0.50232091
0.04700768	0.07889088	0.08479674	0.08357615	0.07108349	0.07263779
0.06872036	0.07511244	0.07280136	0.0716391	0.06798634	0.07145851
0.11163353	0.12127286	0.13762489	0.13746339	0.14645829	0.14966752
0.1199196	0.11684609	0.11652599	0.11023414	0.09875511	0.09882052
0.11720231	0.11568362	0.09644324	0.09428792	0.08113791	0.07915091
0.12115023	0.11670501	0.11122901	0.10716185	0.09330649	0.09206955
0.0272026	0.03015208	0.07004355	0.05538094	0.07339146	0.04193324
0.20817974	0.22303822	0.22594855	0.2263837	0.21491934	0.20699913
0.23549288	0.23377046	0.24754289	0.23698263	0.24458402	0.25477342
0.07289681	0.08271476	0.06921105	0.08596051	0.08094561	0.07997437
0.21458589	0.23200838	0.35158798	0.26776253	0.24815825	0.2468741
0.17135568	0.17511008	0.16895033	0.16914093	0.16740974	0.16953474
0.19009204	0.21045888	0.19290455	0.18622732	0.19956203	0.20647704
0.11009479	0.12093673	0.12702548	0.12554455	0.1258603	0.11637508
0.06254879	0.06232485	0.06572636	0.05866783	0.05869488	0.05320884
0.10335174	0.09949048	0.11045169	0.11511948	0.11262099	0.11486248
0.46975037	0.490922	0.45709187	0.49644149	0.49247497	0.49973271
0.1803649	0.18882567	0.17680906	0.20102476	0.20796616	0.19237298
0.14728267	0.15688743	0.1643651	0.16614717	0.16256888	0.15299321

0.13204853	0.12927055	0.13484032	0.13870964	0.12915683	0.12566713
0.17541602	0.16822746	0.1568594	0.18109521	0.1713881	0.18297657
0.25365945	0.24374604	0.25598236	0.25320983	0.24693705	0.24596863
0.14581217	0.14781393	0.14720209	0.14490228	0.14800343	0.14576033
0.58681077	0.61824463	0.73149378	0.66254061	0.63242452	0.61687356
0.06017519	0.06412532	0.06288026	0.07358322	0.06682213	0.06334856
0.10827685	0.11005664	0.10547638	0.10914258	0.10499915	0.10038092
0.11560351	0.12233744	0.11078527	0.10993591	0.11061439	0.11206658
0.14293169	0.13575242	0.12695218	0.12327781	0.10738612	0.09911553
0.1009524	0.09725738	0.09587329	0.09347967	0.08965467	0.08821369
0.12129593	0.10281428	0.1287429	0.12381408	0.12167006	0.12427268
0.15504238	0.15764271	0.14963766	0.14317785	0.13667094	0.14049948
0.47754967	0.48874085	0.48150985	0.50046178	0.49555269	0.50061376
0.16962571	0.16278376	0.18435821	0.1841872	0.16239165	0.14890582
0.07271378	0.09295516	0.08260493	0.08087098	0.08054148	0.09207965
0.11273277	0.1158855	0.10630437	0.1051293	0.1095302	0.11282544
0.14317788	0.1412096	0.14329936	0.14532162	0.13976858	0.14178643
3.46332166	3.53750428	3.85148321	4.67197619	4.93294725	5.05660924
0.17081736	0.17249841	0.14892764	0.13990978	0.13912591	0.13873837
0.23613864	0.21408601	0.20785729	0.21203373	0.19665362	0.17753622
0.10122595	0.0916079	0.09474256	0.09562138	0.09217735	0.10023576

0.56817483	0.62763861	0.59087308	0.4898896	0.5086279	0.54976348
0.12702355	0.11262287	0.10768457	0.09745292	0.09200711	0.08239341
0.08700253	0.08512247	0.08020133	0.0870044	0.07928224	0.07640983
0.16341017	0.16282059	0.18993415	0.20765145	0.19946715	0.19063304
0.38743536	0.39409562	0.40035641	0.40308876	0.3893131	0.41297375

0.12086978	0.11380869	0.1102211	0.11074664	0.10052264	0.09166256
0.33752288	0.34252651	0.3369367	0.34155195	0.3607439	0.35583549
0.04683315	0.0442749	0.04401428	0.04609525	0.04111964	0.03854625
0.34604996	0.34257674	0.34941107	0.34046567	0.3279979	0.34013366
0.33945309	0.32473844	0.33380567	0.30252641	0.2927633	0.27629208
0.1298177	0.13010721	0.1230803	0.13440784	0.12536682	0.13987353
0.16871083	0.16567452	0.16030755	0.17006651	0.16560476	0.15538366
0.08057993	0.08196964	0.08218357	0.07744009	0.07466847	0.07561144

0.18601291	0.18582919	0.19535653	0.19972079	0.20584966	0.20679302
0.08005184	0.07454237	0.07920597	0.07766758	0.07795601	0.07345927
0.11084067	0.12352197	0.11011145	0.11137277	0.11390197	0.11645304
0.03457174	0.035283	0.03770208	0.03713916	0.03389371	0.03294616

0.1208556	0.13719326	0.14051807	0.14029495	0.16089988	0.16893584
0.15771109	0.19289321	0.22466758	0.23060588	0.21921265	0.22231579
0.18767532	0.1711216	0.16600666	0.17788374	0.16954057	0.16362849
0.16792575	0.15555403	0.1481756	0.14037337	0.13074064	0.11835453
0.06325822	0.06157241	0.06077414	0.06041603	0.05343001	0.05232796
0.10211108	0.10514015	0.10509439	0.10241313	0.11067131	0.10848908
0.3161641	0.31899764	0.38017563	0.38465482	0.3514554	0.35054067
0.4717704	0.44041572	0.41670451	0.40815848	0.40696219	0.41182055
0.08022052	0.09020757	0.10009309	0.10155873	0.09602729	0.10004946
0.07491952	0.07587657	0.06979743	0.07225793	0.08045192	0.07925284
0.09882459	0.09343892	0.10262315	0.10751211	0.10455348	0.09679951
0.18425208	0.18691176	0.19195343	0.18420521	0.18540822	0.18085456
0.25331485	0.25989476	0.25847921	0.23607008	0.21404842	0.20032033
0.5831793	0.61031639	0.64052946	0.59928623	0.60073734	0.58363738
0.12672733	0.09880679	0.07433888	0.07231457	0.09734205	0.11218784
0.21681022	0.25866778	0.26164197	0.28187789	0.30366729	0.30625001
0.6980704	0.7083197	0.69890002	0.67981495	0.65269814	0.62306266
0.19663952	0.19392888	0.20144835	0.20800076	0.19908602	0.2050127
0.18437753	0.17636745	0.17698039	0.17303475	0.15438394	0.14926825
0.22211277	0.20828455	0.20065709	0.19505648	0.18264571	0.17527206
0.07904181	0.08502116	0.08235002	0.09068067	0.0853076	0.08277494
0.0607713	0.05871729	0.05705901	0.06146337	0.05601054	0.05319912
0.30055351	0.27721911	0.27529885	0.25996319	0.26012907	0.24321871
0.06762117	0.06978669	0.0727894	0.08533802	0.08318507	0.08389743
0.22996281	0.21779769	0.20026601	0.20154181	0.19902257	0.18984656
0.49634561	0.4812882	0.46369749	0.46912765	0.46128639	0.43205276
0.06072735	0.06016715	0.05067327	0.0556277	0.05212049	0.0518282
0.3057831	0.35889273	0.31010412	0.30378729	0.30777745	0.32159369
0.07170588	0.06410526	0.05548387	0.05930119	0.05251134	0.04890021
0.26969143	0.29995316	0.30288314	0.28614779	0.25207665	0.27545431
0.24987532	0.240749	0.25744809	0.27421641	0.28403875	0.28743467

0.25359267	0.27274832	0.28612983	0.32289814	0.35992758	0.34470598
0.18052175	0.18257564	0.18415737	0.18673309	0.17827548	0.17717077
0.55553248	0.55981045	0.52090757	0.50910434	0.47726495	0.46046538
0.12290431	0.10567462	0.11567203	0.11306839	0.10801476	0.1053562
0.21931298	0.21313234	0.18779652	0.20273815	0.19641071	0.20046898
0.13392964	0.12527794	0.12063071	0.12204841	0.11463161	0.10390339
0.25914265	0.25272171	0.24735851	0.24518648	0.2381349	0.23558152

Substance	EDGAR	Country C Country	1970	1971	1972	1973
CO2	ABW	Aruba	0.42689652	0.4849891	0.65962747	0.73517983
CO2	AFG	Afghanistan	0.15584259	0.15184273	0.14448037	0.1441581
CO2	AGO	Angola	1.31838814	1.22985143	1.4610786	1.55909014
CO2	AIA	Anguilla	0.34008851	0.33757392	0.34966778	0.32313613
CO2	ALB	Albania	2.25285412	2.1971221	2.44839535	2.14741652
CO2	ANT	Curaçao	101.060909	99.8012938	95.9141537	105.025461
CO2	ARE	United Arab Emirates	82.6533514	91.2090486	83.3855007	90.2465974
CO2	ARG	Argentina	3.65280845	3.60705082	3.62005214	3.68059918
CO2	ARM	Armenia	3.99968459	3.90904592	4.08561959	4.33817804
CO2	ATG	Antigua and Barbuda	1.52544669	1.49982224	1.80074715	1.79352555
CO2	AUS	Australia	12.4875954	12.3895785	12.6312862	13.1479472
CO2	AUT	Austria	7.04703585	7.36831061	7.63028918	8.03938031
CO2	AZE	Azerbaijan	4.67694305	4.58876281	4.80403741	5.11513949
CO2	BDI	Burundi	0.01686349	0.01665212	0.01641659	0.01676243
CO2	BEL	Belgium	14.457447	13.3638232	14.5207638	15.0343969
CO2	BEN	Benin	0.10691486	0.121508	0.15166478	0.15302285
CO2	BFA	Burkina Faso	0.04023384	0.03958428	0.03874307	0.03932035
CO2	BGD	Bangladesh	0.05132251	0.05036037	0.05132372	0.05966204
CO2	BGR	Bulgaria	8.11790853	8.06177827	8.28382895	8.35205875
CO2	BHR	Bahrain	14.007744	13.6027468	15.6453272	18.8848345
CO2	BHS	Bahamas	8.5096368	8.41858087	9.70242847	9.46584579
CO2	BIH	Bosnia and Herzegovina	3.06776921	3.04136611	2.95225938	3.17901934
CO2	BLR	Belarus	6.69316409	6.64936463	7.04910244	7.64794052
CO2	BLZ	Belize	0.48550737	0.47504202	0.5665389	0.56209241
CO2	BMU	Bermuda	2.65439079	2.62371015	3.16216719	3.15793758
CO2	BOL	Bolivia	0.67081394	0.81950819	0.95684998	0.87223898
CO2	BRA	Brazil	1.12174279	1.09051912	1.1603598	1.31749685
CO2	BRB	Barbados	1.06737093	1.06129554	1.27717063	1.25489831
CO2	BRN	Brunei	15.622031	13.7852312	15.5042633	18.00409
CO2	BTN	Bhutan	0.1177658	0.12054832	0.12679288	0.12903628
CO2	BWA	Botswana	0.22056	0.21363162	0.26521561	0.34131472
CO2	CAF	Central African Republic	0.0413457	0.04056553	0.03966962	0.04022153
CO2	CAN	Canada	16.6938052	16.7758243	17.2879615	17.8633295
CO2	CHE	Switzerland and Liechtenstein	6.71922948	6.97714393	7.03457132	7.56329536
CO2	CHL	Chile	2.96844096	3.16421462	3.24286239	3.17877759
CO2	CHN	China	1.10328502	1.0803534	1.12501386	1.14519115
CO2	CIV	Côte d'Ivoire	0.49896874	0.48685365	0.51676868	0.50714211
CO2	CMR	Cameroon	0.13344638	0.13845788	0.14069487	0.14305182
CO2	COD	Democratic Republic of the Congo	0.14624993	0.14378688	0.14399824	0.14108066
CO2	COG	Congo	1.3212447	1.46845061	1.36376247	5.98832594
CO2	COK	Cook Islands	0.87663225	0.87236503	0.93405615	1.13711814
CO2	COL	Colombia	1.30780635	1.28949974	1.29085106	1.30218373
CO2	COM	Comoros	0.09505142	0.09324323	0.09104222	0.09227836
CO2	CPV	Cabo Verde	0.55502353	0.54936782	0.54524294	0.56556477
CO2	CRI	Costa Rica	0.7752998	0.7619816	0.8327248	0.91789287
CO2	CUB	Cuba	2.51192627	2.48809808	2.40355148	2.54815231
CO2	CYM	Cayman Islands	2.79102267	2.8513451	3.5034577	3.5297783
CO2	CYP	Cyprus	3.53235782	3.5181363	4.24111923	4.36393832
CO2	CZE	Czechia	19.1779961	19.1467362	19.0548899	18.7528059
CO2	DEU	Germany	13.8044561	13.675158	14.0084476	14.6665318

CO2	DJI	Djibouti	4.45692971	4.2014584	3.95016283	3.84495895
CO2	DMA	Dominica	0.10676361	0.10596939	0.12795168	0.12905903
CO2	DNK	Denmark	12.5634487	11.6257719	11.9690964	11.7161382
CO2	DOM	Dominican Republic	0.8621261	0.84868809	1.06292788	1.03813536
CO2	DZA	Algeria	1.35330763	1.53816297	2.28593872	2.9927827
CO2	ECU	Ecuador	0.82651388	0.71854797	0.69688239	0.85684483
CO2	EGY	Egypt	0.72618065	0.7014865	0.74543891	0.67898132
CO2	ERI	Eritrea	0.18858457	0.18262645	0.16821104	0.1651545
CO2	ESH	Western Sahara	1.12951167	1.13692331	1.16552035	1.25000478
CO2	ESP	Spain and Andorra	4.24548336	4.09972253	4.40841533	4.72397448
CO2	EST	Estonia	15.6330366	15.502237	16.7060572	18.9239901
CO2	ETH	Ethiopia	0.04107154	0.04003452	0.03607424	0.03826588
CO2	FIN	Finland	8.94165234	8.78204882	9.53477445	10.3563912
CO2	FJI	Fiji	1.3691364	1.35743451	1.41862896	1.65405262
CO2	FLK	Falkland Islands	1.46619773	1.48716019	1.81220145	1.85638057
CO2	FRA	France and Monaco	9.23301085	9.39187878	9.6464288	10.2609408
CO2	FRO	Faroes	0.02246477	0.02325742	0.02403757	0.02481283
CO2	GAB	Gabon	1.02296494	1.85587876	1.96296858	6.17233425
CO2	GBR	United Kingdom	12.1042754	11.9812541	11.7547518	12.3073011
CO2	GEO	Georgia	5.07719741	4.97111899	5.24183585	5.52494434
CO2	GHA	Ghana	0.27272421	0.27010361	0.27480559	0.27280306
CO2	GIB	Gibraltar	2.43290109	2.40718895	2.04720308	2.04855943
CO2	GIN	Guinea	0.10885937	0.10837615	0.10811117	0.111115171
CO2	GLP	Guadeloupe	0.5797753	0.58477652	0.6844276	0.69276767
CO2	GMB	The Gambia	0.17711573	0.17221212	0.16622602	0.16665233
CO2	GNB	Guinea-Bissau	0.06205832	0.06086368	0.05935893	0.06020183
CO2	GNQ	Equatorial Guinea	0.13575625	0.13789467	0.16362246	0.10280293
CO2	GRC	Greece	3.33241616	3.43263332	4.18812751	4.44795344
CO2	GRD	Grenada	0.11879992	0.11899487	0.14473819	0.14645549
CO2	GRL	Greenland	0.01695768	0.01712117	0.01727408	0.01742186
CO2	GTM	Guatemala	0.44470136	0.43229574	0.4613595	0.47681894
CO2	GUF	French Guiana	1.89893616	1.83247231	2.16239503	2.11525502
CO2	GUY	Guyana	2.13141284	2.10531326	2.11175811	2.419625
CO2	HKG	Hong Kong	2.4597302	2.4291152	2.46387524	2.44664944
CO2	HND	Honduras	0.4482922	0.4354925	0.44076415	0.4709124
CO2	HRV	Croatia	4.93151793	4.8303844	4.78296203	5.03515966
CO2	HTI	Haiti	0.11327725	0.11230316	0.10715893	0.11084838
CO2	HUN	Hungary	6.39308875	6.53208594	6.7185831	7.1617924
CO2	IDN	Indonesia	0.27081526	0.26689457	0.30761717	0.33813226
CO2	IND	India	0.38645694	0.37869773	0.38480949	0.37422468
CO2	IRL	Ireland	7.00323332	7.74739208	7.51333516	7.25374596
CO2	IRN	Iran	2.81790531	2.94166436	3.19813387	3.71053201
CO2	IRQ	Iraq	2.35196337	2.66225056	2.56227559	2.72383344
CO2	ISL	Iceland	9.46521444	9.81879448	10.7021451	12.1392924
CO2	ISR	Israel and Palestine, Sta	3.75286833	3.65915599	3.73430937	3.86046843
CO2	ITA	Italy, San Marino and the	5.87790937	6.10940481	6.40093686	6.76390368
CO2	JAM	Jamaica	4.29238423	4.22131177	4.137822	4.34616211
CO2	JOR	Jordan	1.59430573	1.52833588	1.23078293	1.34333242
CO2	JPN	Japan	8.08904913	7.95350802	8.27029432	9.19014802
CO2	KAZ	Kazakhstan	14.1150536	13.8682449	14.5302237	15.2875177
CO2	KEN	Kenya	0.33308496	0.32149475	0.3238582	0.3235066



CO2	KGZ	Kyrgyzstan	5.20313204	5.09031438	5.29094433	5.46140376
CO2	KHM	Cambodia	0.03047875	0.03027814	0.03183482	0.03804971
CO2	KIR	Kiribati	0.3681364	0.36218129	0.38030738	0.45074637
CO2	KNA	Saint Kitts and Nevis	0.32740437	0.32996826	0.40309549	0.40674704
CO2	KOR	South Korea	1.92559354	1.90730307	1.92634165	2.32931443
CO2	KWT	Kuwait	51.7340493	51.171192	48.7277723	41.0273303
CO2	LAO	Laos	0.1072428	0.10446269	0.10822687	0.12631764
CO2	LBN	Lebanon	2.36369686	2.33807033	2.48746464	2.98808117
CO2	LBR	Liberia	0.68589958	0.66430121	0.64802339	0.65070173
CO2	LBY	Libya	18.5428872	12.4096171	8.89801499	7.97141489
CO2	LCA	Saint Lucia	0.28317875	0.27969885	0.3367991	0.3366027
CO2	LKA	Sri Lanka	0.24986489	0.24709899	0.2908791	0.29767691
CO2	LSO	Lesotho	0.07127381	0.06987584	0.06816433	0.06904945
CO2	LTU	Lithuania	6.35331747	6.30679655	6.65059665	7.07341671
CO2	LUX	Luxembourg	57.9392903	53.4213356	51.9031353	55.5609864
CO2	LVA	Latvia	4.76854442	4.73420409	4.99473456	5.34678725
CO2	MAC	Macao	1.23383344	1.22124694	1.30121834	1.57451117
CO2	MAR	Morocco	0.43314949	0.42539252	0.46477892	0.536917
CO2	MDA	Moldova	5.3665302	5.2961085	5.52403112	5.8042473
CO2	MDG	Madagascar	0.11684561	0.11386815	0.1134866	0.10212565
CO2	MDV	Maldives	0.08514297	0.08288547	0.08551338	0.09886125
CO2	MEX	Mexico	2.32349552	2.25789293	2.40416603	2.50523291
CO2	MKD	North Macedonia	5.28897808	4.90738517	4.90867187	5.64069538
CO2	MLI	Mali	0.04150302	0.0406377	0.04034197	0.04136654
CO2	MLT	Malta	2.13340575	2.13346314	2.67264859	2.56253348
CO2	MMR	Myanmar/Burma	0.17915738	0.1757492	0.16761848	0.12984147
CO2	MNG	Mongolia	4.36381526	4.23650115	3.78281343	3.94811668
CO2	MOZ	Mozambique	0.34471124	0.33817752	0.30384049	0.31572792
CO2	MRT	Mauritania	0.28995433	0.282895	0.27654079	0.27847432
CO2	MTQ	Martinique	0.65566921	0.66057319	0.782465	0.79284477
CO2	MUS	Mauritius	0.36987966	0.36423205	0.39298867	0.43146397
CO2	MWI	Malawi	0.07507235	0.07237823	0.07523745	0.07843615
CO2	MYS	Malaysia	2.48820495	2.46583825	1.26469368	1.27755128
CO2	NAM	Namibia	0.94805864	0.92047873	0.88303994	0.88574194
CO2	NCL	New Caledonia	9.94405897	9.53644062	9.76796786	11.0370722
CO2	NER	Niger	0.04687273	0.04477993	0.04776691	0.05460756
CO2	NGA	Nigeria	0.51471907	0.74345726	0.94127552	1.10477644
CO2	NIC	Nicaragua	0.69003665	0.67222411	0.67296945	0.72285977
CO2	NLD	Netherlands	10.3214883	10.2460426	11.3213945	11.6739571
CO2	NOR	Norway	9.2779548	8.88130701	9.57792651	9.65722698
CO2	NPL	Nepal	0.02340768	0.02302185	0.02843798	0.03872313
CO2	NZL	New Zealand	5.27796346	5.04398466	5.67924885	6.03080222
CO2	OMN	Oman	10.1560529	9.81607282	9.47895558	9.16102888
CO2	PAK	Pakistan	0.30723836	0.30295983	0.30700418	0.31776715
CO2	PAN	Panama	1.70971032	1.66500201	1.73998516	1.88914256
CO2	PER	Peru	1.30544882	1.26813364	1.23604231	1.27565315
CO2	PHL	Philippines	0.74179828	0.72762526	0.7322333	0.80595949
CO2	PLW	Palau	173.761402	171.167081	168.307583	165.597026
CO2	PNG	Papua New Guinea	0.44686143	0.43570899	0.45284127	0.53081156
CO2	POL	Poland	9.47192161	9.65672914	9.98404797	10.4344826
CO2	PRI	Puerto Rico	10.8672474	11.5627302	13.9441383	15.2148274

CO2	PRK	North Korea	5.27262424	5.15374586	5.21436596	5.19657013
CO2	PRT	Portugal	1.91229593	2.03409464	2.05831885	2.27237055
CO2	PRY	Paraguay	0.2555791	0.2536762	0.26970577	0.29107347
CO2	PYF	French Polynesia	1.28093834	1.23846554	1.2761843	1.4834712
CO2	QAT	Qatar	134.238156	153.206678	168.703134	173.447831
CO2	REU	Réunion	0.79588841	0.7887764	0.78812081	0.80989302
CO2	ROU	Romania	6.17398315	6.13294522	6.33368682	6.83971756
CO2	RUS	Russia	10.0519647	10.0070691	10.4710551	11.0463355
CO2	RWA	Rwanda	0.01852653	0.01804956	0.01913546	0.01939678
CO2	SAU	Saudi Arabia	8.078514	9.5520245	11.8993238	15.4091305
CO2	SCG	Serbia and Montenegro	3.49936343	3.48546014	3.4708525	3.7388913
CO2	SDN	Sudan and South Sudan	0.24913427	0.24251401	0.24890389	0.31710488
CO2	SEN	Senegal	0.31684832	0.30729602	0.31623028	0.33008677
CO2	SGP	Singapore	3.17934638	3.13210092	3.7058441	4.04760982
CO2	SHN	Saint Helena, Ascension	0.56715398	0.55938652	0.4465801	0.49202324
CO2	SLB	Solomon Islands	0.41131678	0.39674502	0.40740038	0.47159221
CO2	SLE	Sierra Leone	0.13432363	0.13174743	0.12844574	0.13008658
CO2	SLV	El Salvador	0.43645129	0.4276968	0.47998098	0.51042926
CO2	SOM	Somalia	0.16584387	0.16461645	0.16357524	0.16774225
CO2	SPM	Saint Pierre and Miquelc	6.66086488	6.54623902	7.85138416	7.78633982
CO2	STP	São Tomé and Príncipe	0.19382244	0.18945057	0.18476212	0.18759395
CO2	SUR	Suriname	1.68832073	1.68307269	1.94355282	2.03746688
CO2	SVK	Slovakia	9.66818432	9.58185016	9.65977809	9.86640842
CO2	SVN	Slovenia	6.24935885	6.17289498	5.99372358	6.81959991
CO2	SWE	Sweden	11.9395462	10.9901384	10.9725402	11.0729704
CO2	SWZ	Eswatini	0.50384853	0.48979508	0.48914739	0.50074483
CO2	SYC	Seychelles	2.04101168	1.99008311	1.92892027	1.94416033
CO2	SYR	Syria	0.9981146	0.96952897	0.90306698	0.82934019
CO2	TCA	Turks and Caicos Island	0.57518865	0.56245743	0.66636141	0.64994218
CO2	TCD	Chad	0.04217025	0.04130068	0.04022243	0.0405872
CO2	TGO	Togo	0.16454892	0.17034271	0.18597356	0.15932421
CO2	THA	Thailand	0.4909188	0.47899413	0.5281871	0.57900956
CO2	TJK	Tajikistan	2.7780921	2.70611732	2.75259609	2.78954669
CO2	TKM	Turkmenistan	8.60671762	8.37296181	8.55176163	8.6848096
CO2	TLS	Timor-Leste	0.00230104	0.00230652	0.00231048	0.00231176
CO2	TON	Tonga	0.22445251	0.22145856	0.23375495	0.27882245
CO2	TTO	Trinidad and Tobago	7.32611389	7.18535034	6.63951673	6.7887359
CO2	TUN	Tunisia	0.84187873	0.82640041	0.91005678	0.89474207
CO2	TUR	Türkiye	1.30315388	1.39309496	1.57672183	1.66750748
CO2	TWN	Taiwan	2.46829292	2.42318392	2.6691467	2.90749238
CO2	TZA	Tanzania	0.11524422	0.11166513	0.12644499	0.12712613
CO2	UGA	Uganda	0.09916456	0.09704865	0.0928518	0.08334491
CO2	UKR	Ukraine	10.1349896	10.0531098	10.5144401	11.056284
CO2	URY	Uruguay	1.92851058	1.91533613	2.0611742	1.94637253
CO2	USA	United States	21.9242651	21.0908771	22.0798359	22.7475645
CO2	UZB	Uzbekistan	4.47047315	4.36032518	4.47859086	4.61369211
CO2	VCT	Saint Vincent and the G	0.12409863	0.1226881	0.14721366	0.14685942
CO2	VEN	Venezuela	5.0875534	4.82284732	4.81546478	5.29061957
CO2	VGB	British Virgin Islands	0.74853118	0.73550183	0.88169426	0.87753022
CO2	VNM	Viet Nam	0.40326012	0.39384254	0.37281265	0.40603853
CO2	VUT	Vanuatu	0.87996282	0.85374587	0.88232657	1.02837903

CO2	WSM	Samoa	0.46027109	0.45314788	0.47695555	0.56765658
CO2	YEM	Yemen	0.26276526	0.26040629	0.30044061	0.3590544
CO2	ZAF	South Africa	8.12507054	7.85549983	7.91391578	8.38791567
CO2	ZMB	Zambia	0.88644365	0.89325121	0.95421504	0.98691204
CO2	ZWE	Zimbabwe	1.84123442	1.77097153	1.64218805	1.84240679
CO2	EU27	EU27	9.11619434	9.08409441	9.39812374	9.82746813
CO2	GLOBAL TOTAL	GLOBAL TOTAL	4.25748154	4.15453989	4.28007444	4.4475888

1974	1975	1976	1977	1978	1979	1980	1981
0.71816593	0.94624319	0.93128626	1.11154892	1.19689503	1.26573921	1.32741324	1.36861891
0.17776391	0.16115318	0.14739855	0.17467568	0.14610595	0.15475679	0.15144644	0.17312192
1.57961249	1.41941833	0.92291874	1.47995179	1.69723197	1.64084609	1.60316798	1.43136527
0.35776777	0.39125864	0.36698879	0.38085422	0.43394736	0.48007682	0.65985742	0.99991376
2.25978705	2.24952312	2.35218063	2.46276935	2.65217463	3.02202081	3.01110646	2.58564935
94.3594995	67.8616152	72.212103	73.3606901	62.2566332	61.9275856	58.6350762	54.2610937
76.3967627	66.1696837	70.455966	61.3225558	61.7314736	39.7877245	39.465915	33.950829
3.63743321	3.48780819	3.61019534	3.70255334	3.61392458	3.76630576	3.62294799	3.46128452
4.57221872	4.88646752	4.9253664	5.01559407	5.130638	5.23398295	5.49200138	5.53862682
1.57936815	1.89283552	1.69978226	1.86172827	1.85072938	1.82530203	1.80657357	1.59144505
13.6763515	13.9969808	14.032844	14.815031	14.3954344	14.6370818	15.1555172	15.0267707
7.69281162	7.37693106	8.07236403	7.72149378	7.97986369	8.31049449	8.07555075	7.62597962
5.41824333	5.76564301	5.84903201	5.96403347	6.20451859	6.34065177	6.5722448	6.66284806
0.01773143	0.01809325	0.0183684	0.01858106	0.01844937	0.02047745	0.01969888	0.02090769
14.874052	13.0675015	14.0211621	13.7268284	14.1485385	15.0612898	13.9606748	12.7390408
0.15341983	0.16802688	0.10932958	0.1244072	0.12885695	0.14080597	0.14402672	0.11649789
0.04156049	0.04235383	0.04304468	0.04365348	0.04349069	0.04889718	0.04699553	0.04405896
0.06174876	0.07254466	0.07603539	0.07710191	0.08044206	0.08718659	0.09472593	0.09312453
8.41007617	8.95671203	9.02160962	9.33309267	9.99180907	10.3335541	10.6553014	10.1874022
21.1627013	20.6386	21.0346029	21.7345753	21.5597111	21.7071557	20.9592959	21.5861049
8.11164785	8.13652291	7.03220939	7.64166267	7.58012237	7.63843614	7.33853785	6.312483
3.40384194	3.43525821	3.36556727	3.51316659	3.64842815	3.73456226	3.56331733	3.90663667
8.22130193	8.77075839	9.09110838	9.33987477	9.66070902	9.9316422	10.2312567	10.3551869
0.49383524	0.58786992	0.52612421	0.57250625	0.56451671	0.54917384	0.53229429	0.47896094
2.78587714	3.34415714	3.00733143	3.2960125	3.27400941	3.21626606	3.15857648	2.67498808
0.81289728	0.90489791	1.00043743	0.94015058	1.04805716	0.91229663	0.89036843	0.92731293
1.38900526	1.45360394	1.55938722	1.59067912	1.68030544	1.75242403	1.70950665	1.54218926
1.11276345	1.33291585	1.2388158	1.34751534	1.37966945	1.3756969	1.36800051	1.35361963
17.8962734	17.6979501	19.6587248	19.3700495	19.2546888	16.8583224	20.3872918	16.6014514
0.12740054	0.12220192	0.12346149	0.12613646	0.12897682	0.12913683	0.12663178	0.18596188
0.56925206	0.67883139	0.95337048	1.04658971	1.13687425	1.2452422	1.26634064	1.33446531
0.04245158	0.04310494	0.04370809	0.04415498	0.04380671	0.0490285	0.04691625	0.05618643
17.9549115	17.2832462	17.6225322	18.0220276	17.9490341	18.3374338	18.3569029	17.416473
6.78821915	6.39284834	6.65907763	6.74052567	6.95227184	6.75961528	6.88393267	6.4939833
2.94753995	2.63205259	2.65032068	2.43296302	2.46072816	2.57084663	2.51922821	2.26375329
1.1412056	1.28411423	1.31334268	1.45339108	1.61424078	1.63014978	1.57284672	1.5368089
0.4969193	0.51491986	0.5617017	0.53208942	0.58834093	0.5246759	0.47748814	0.41835341
0.13573671	0.16739418	0.15152124	0.20575954	0.21653361	0.2283869	0.2362735	0.24480364
0.14427601	0.13795816	0.13160393	0.13237455	0.12953052	0.13934495	0.13427594	0.13996695
8.35185212	5.00934439	4.69912234	1.46418048	0.880918	0.77712413	0.99087583	1.08089933
1.42054535	1.19934518	1.21355345	1.32254506	1.3565012	1.50162895	1.65289739	3.30890348
1.31917577	1.38680818	1.44660977	1.45216331	1.51382984	1.48799531	1.48131151	1.46593273
0.09718205	0.09812795	0.09843548	0.09826539	0.09615587	0.10678309	0.10136575	0.09416265
0.6121733	0.63562524	0.65607483	0.67412014	0.67761298	0.77240591	0.74677135	0.70247117
0.87898857	0.9397746	0.94282953	1.15789722	1.21888278	1.18408426	1.04235051	0.9397097
2.72245381	2.76268018	2.88278557	3.11363339	3.3114622	3.33095748	3.39631411	3.40474347
3.1219497	3.74879503	3.36280985	3.66898428	3.62948291	3.56238336	3.51145225	3.45417806
3.30384231	3.32983441	4.00203454	4.19787636	4.31297531	4.55640204	4.77074922	4.54357636
16.9637488	17.5811921	18.0023112	18.9138985	18.5881016	19.4407718	18.6981987	18.7316277
14.2238529	13.4476122	14.2514353	13.995158	14.4971001	15.1613041	14.5030612	14.0793578

3.85646216	3.66712372	3.42985543	3.18166127	2.91242591	3.08379778	2.83329969	2.07664057
0.11532999	0.13827546	0.1248116	0.13602515	0.13457434	0.1319652	0.12985973	0.18877189
10.3903305	10.7980037	11.8821874	12.1800844	12.13781	12.7847239	12.6597604	10.6440147
1.08140961	1.09406593	1.09490546	1.15422505	1.14802749	1.18439277	1.19079032	1.10661431
2.45584907	2.17889613	2.73842915	2.94793273	3.14919442	3.06081633	2.95813761	2.70769708
1.01748485	1.07286029	1.19590415	1.35312709	1.48099539	1.56352295	1.60389221	1.7214585
0.76786053	0.80955241	0.9147756	0.92214951	0.91214733	0.96703584	1.03638543	1.14246291
0.15705347	0.14533716	0.13777068	0.11354613	0.1147241	0.12370876	0.12621864	0.13831271
1.34292684	1.32660129	1.16634037	1.0217622	0.84293436	0.81500868	0.81160212	0.69811757
5.01934336	5.12621997	5.57066615	5.29261007	5.20786176	5.47320551	5.68654714	5.79456812
20.9056026	22.5548848	23.495274	24.2731992	25.6641793	26.5083091	27.3226429	27.8668488
0.03772976	0.03282861	0.03211098	0.03377626	0.03439691	0.0351983	0.0355219	0.03770428
9.49358682	9.48578142	10.7721938	10.6756675	12.0055614	11.9234091	11.9913723	9.98151272
1.96080133	1.59777442	1.5428897	1.60594111	1.57448933	1.65311003	1.73539328	1.72869558
1.65761679	2.02489815	1.84939184	2.05990796	2.07117143	2.06039542	2.05554376	2.01113553
9.82041567	8.98866523	9.79436481	9.40711327	9.71099665	9.81989164	9.37752064	8.41120571
0.0256326	0.02643386	0.02700681	0.02761959	0.02817013	0.02880582	0.0294058	0.02976929
6.21547608	7.84538091	8.90832962	8.61011822	9.35028735	8.99372459	8.43694823	8.66131736
11.4802303	11.0947546	11.1971637	11.3453571	11.3123936	11.9558915	10.8116945	10.4665906
5.7603783	6.14178364	6.21041961	6.23794766	6.36318208	6.54296244	6.67660049	6.71173975
0.28305729	0.29437216	0.29529398	0.29982332	0.28694775	0.24974219	0.24653565	0.28552844
2.04005129	2.13091513	2.10022546	1.98573264	1.87121917	2.61064448	3.10367678	2.88739673
0.1181931	0.12153491	0.12552692	0.12958712	0.13160668	0.14840181	0.14412633	0.13420859
0.63891269	0.72548391	0.68476989	0.74462837	0.754966	0.75396596	0.740851	0.91745798
0.17429401	0.17565748	0.17692746	0.17808904	0.17586672	0.19691302	0.18718842	0.17323432
0.0638154	0.06544685	0.06732868	0.06944913	0.07040439	0.08063458	0.07839325	0.07389156
0.130719	0.14722238	0.15197199	0.15531845	0.30038223	0.28492626	0.25129986	0.30816355
4.32012547	4.49640642	4.98255432	5.15230991	5.35595433	5.58894291	5.53511358	5.44921618
0.13141348	0.15974636	0.14662958	0.1638414	0.16588546	0.16500368	0.16234998	0.20767772
0.01759723	0.01774971	0.01793191	0.01811281	0.01830474	0.01848566	0.01866788	0.01884787
0.48167336	0.51610599	0.498751	0.55772127	0.60172116	0.65457896	0.6406805	0.54010968
1.82711485	2.14675211	1.88613284	2.01807389	1.95145709	1.85950633	1.76437075	1.45732662
2.11169114	2.46742549	2.47384285	2.45076324	2.2861524	2.16574713	2.27275258	2.26774985
2.75141444	2.66037931	3.00305504	3.37314612	3.48055553	3.15720736	3.16492864	3.33447795
0.44824421	0.46844293	0.47760853	0.50293487	0.49254933	0.50572376	0.5068933	0.46894723
5.15770269	5.25861648	5.0689137	4.96451907	5.1771502	5.50074098	4.94083295	5.30646394
0.11866683	0.11784453	0.15480618	0.15851514	0.16259304	0.15600499	0.15098287	0.12943675
7.33478169	7.44830999	7.78772216	8.11119098	8.76157807	8.60054518	8.51748189	8.40794689
0.36824912	0.37309116	0.39179259	0.52268581	0.60031784	0.63096877	0.61409962	0.63341899
0.39146848	0.40753402	0.42577147	0.42433235	0.40773287	0.42844229	0.43568236	0.46834952
7.71894402	7.13119412	7.18909642	7.55545113	7.37805839	8.55431085	8.1199064	7.96568165
3.83099738	3.79003638	4.24272839	4.31197759	4.06538082	3.65712221	3.0087636	2.86352556
2.83952041	3.14880623	3.83033527	3.40259715	3.62972142	4.36404577	3.80860285	2.56777566
11.7303366	10.8845276	10.8766191	11.0937151	11.335539	11.6227999	10.657456	10.1452558
3.8316499	3.90627571	3.7947392	3.86113767	4.01624747	4.00043522	3.88755065	3.96236058
6.76813678	6.43808222	6.8860706	6.65963278	6.76634473	7.02710378	7.05460554	6.82667863
4.42952005	3.66946273	3.21757577	3.47829687	3.51709248	3.3440962	3.17944917	3.09560887
1.41712641	1.52744231	1.77875877	1.79409004	2.11826425	2.19511838	2.70358019	3.01039032
9.03528916	8.43848806	8.62638007	8.75816469	8.68387317	8.81384046	8.51369701	8.26647077
15.6539351	16.1289971	16.367115	16.4390881	17.1487299	17.2912265	17.7002262	16.5756294
0.31487227	0.29874943	0.32765425	0.33760858	0.3253378	0.30940162	0.31946628	0.3056573

5.59588868	5.81522692	5.91178609	5.95927577	6.1294818	6.16647463	6.35968543	5.98329047
0.04267701	0.03615618	0.03625989	0.03904792	0.037229	0.04013104	0.04355191	0.04494494
0.54516526	0.44395634	0.43112196	0.4485234	0.43852865	0.46440821	0.49303089	0.48152477
0.36241489	0.43902855	0.39927843	0.44274697	0.44522408	0.44280117	0.44023794	0.43424715
2.40586369	2.56516289	2.82249253	3.16744577	3.30274627	3.7042262	3.71681018	3.81708404
31.4560401	25.3329494	24.4136105	22.6457532	24.6102372	26.695431	23.6616635	21.3028875
0.15086252	0.12258931	0.11901942	0.1241044	0.12191878	0.12931296	0.13695809	0.05491963
2.97018014	2.60497618	2.4246977	2.10101148	2.54385031	2.86225937	2.89153263	2.91429651
0.67984091	0.68653471	0.69459882	0.69763398	0.69532661	0.78666352	0.72859363	0.6219571
5.12208916	6.13933268	7.59415816	7.88935086	8.15238256	8.76086961	8.71603504	7.49002437
0.29724007	0.35537725	0.31828145	0.34617754	0.34112544	0.33240089	0.32395895	0.2362792
0.25155508	0.21708591	0.21787913	0.23085378	0.26783016	0.28462324	0.27978639	0.28383577
0.07279737	0.07382978	0.07462745	0.07527386	0.07450856	0.08354509	0.07999218	0.07477952
7.49206829	7.91374153	8.19334404	8.41590013	8.67917862	8.90448466	9.20616319	9.23299166
50.7096504	39.803743	42.1323333	39.8029107	42.8519956	40.3924606	37.5568338	32.026322
5.68104701	6.04316438	6.26336362	6.42998271	6.66413518	6.8430615	7.08074958	7.13503666
1.95072983	1.63078256	1.62390302	1.73123682	1.72888276	1.8547031	1.97415908	1.85203844
0.58050146	0.60923696	0.65364289	0.70447014	0.73552146	0.77874247	0.78321455	0.76926954
6.05184438	6.42026972	6.5715006	6.66581437	6.86362793	6.97381524	7.19139503	7.10718732
0.0980286	0.1059222	0.09582614	0.0959909	0.10172712	0.10663462	0.11441137	0.08927568
0.11663843	0.09439834	0.0906553	0.09307006	0.09013265	0.09395184	0.09791309	0.09398059
2.6792561	2.73711965	2.83868754	2.85678559	3.12012645	3.21902079	3.47507481	3.65123049
5.74555735	4.54244685	4.7188811	4.7998317	4.57938762	5.13087842	4.65540018	4.99618226
0.04291341	0.04418465	0.04405438	0.04446961	0.04430182	0.04908892	0.04689516	0.05857216
2.34033562	2.09942144	2.35818683	2.48076944	2.87135215	2.7788493	3.0630485	3.43729258
0.14662534	0.14037377	0.14674863	0.15371622	0.15574102	0.15851326	0.16385811	0.15873013
4.26554576	4.26597452	4.28063116	4.74826229	4.98907275	5.16912749	5.52917072	5.04993936
0.29080842	0.24463267	0.24152986	0.22824553	0.1937371	0.17817054	0.21013223	0.18072218
0.28987781	0.29338642	0.2941734	0.2952456	0.29206929	0.32150304	0.31054722	0.27822895
0.7259584	0.84110094	0.78676501	0.86163618	0.87454746	0.87304388	0.91450814	0.90857409
0.50374622	0.51660908	0.56146507	0.64077495	0.6599939	0.65409919	0.60207584	0.61473804
0.07991382	0.08853425	0.08211575	0.07952274	0.0783187	0.07642533	0.08328312	0.07934351
1.50385056	1.58221903	1.70364129	1.65012375	2.07173922	2.31838332	2.34754422	2.34113271
0.92498638	0.92701039	0.93502053	0.94546456	0.93816635	1.05905308	1.018164	0.95428986
12.8682748	10.4976448	10.0842	10.4668938	10.3002963	10.8672315	11.5155935	10.9376851
0.04972032	0.05605806	0.0592033	0.06404042	0.06834729	0.07128934	0.08593184	0.09781799
1.36149397	1.00954125	1.15242941	0.98835844	1.00302597	1.39214577	1.21924103	0.97077982
0.74986747	0.72146052	0.80108323	0.95000489	0.83422327	0.53296514	0.60597037	0.62151905
10.9671996	10.2356079	10.9360004	10.6920834	10.9654546	11.5703361	10.9670342	10.8443097
9.20025278	8.97292047	9.45910996	9.65928963	9.36911908	10.0214736	9.57381082	8.70354652
0.03764349	0.03079992	0.0259484	0.02846342	0.02647017	0.03762237	0.04103327	0.03517341
6.15852168	5.73685092	6.26673217	6.41226642	6.22551423	5.63807729	5.64996002	5.55117864
9.21865893	29.3221703	31.0468957	29.3946692	23.0086616	19.632668	11.1763957	11.8254944
0.32789593	0.35286449	0.32686172	0.3371997	0.34313771	0.35870636	0.37172313	0.39153287
1.87407632	1.86661428	1.81387703	1.75305522	1.62570424	1.72013811	1.61497275	1.37019982
1.34755338	1.33827008	1.33181233	1.27789223	1.25029874	1.2709639	1.30357161	1.31473752
0.74587934	0.79680988	0.77229237	0.81911127	0.82079525	0.85880052	0.75273121	0.69658309
163.546939	162.468003	162.37543	163.172356	164.139056	164.531664	163.587175	163.465566
0.63449529	0.51034746	0.48940451	0.50277235	0.48532611	0.50718763	0.53109238	0.51111922
10.7405006	11.0983907	11.7247335	12.0438558	12.7350705	12.6357953	12.8410694	11.6789527
14.1837258	12.9721733	13.9738376	15.4284478	15.3554037	12.8721267	10.4094232	8.80584986

5.27419816	5.39814646	5.62580311	5.8545259	6.09227611	6.49643551	6.74604527	6.82291623
2.24600395	2.38480682	2.49145783	2.43491719	2.49457106	2.75175875	2.89349583	3.04345852
0.27492181	0.28780381	0.31188107	0.43284228	0.50676385	0.47256414	0.47028443	0.4415888
1.76040628	1.40898097	1.3459622	1.37903854	1.32883782	1.38647592	1.44940978	2.13099914
135.415353	121.144821	107.237712	91.4919671	97.8671668	85.7095602	65.0867159	47.6646411
0.85755912	0.87821481	0.90444426	0.92562149	0.90378586	1.03815979	0.99342678	0.9552398
6.86067631	7.34160002	7.9925745	8.28388287	8.90134602	9.05344318	8.88080305	8.86959545
11.5503778	12.1152183	12.4969097	12.6996311	13.5164613	13.6184431	13.9745427	13.838231
0.01889432	0.02196137	0.02823734	0.02728596	0.02958669	0.02875957	0.0657791	0.07720066
15.4056822	12.0067843	14.1855115	14.5374593	14.7030184	16.5494089	19.2870667	16.8163208
3.96428238	4.09752745	4.21236534	4.39693989	4.68154398	4.82505725	4.69318185	5.50693866
0.28980626	0.2194748	0.20539693	0.20704525	0.18184594	0.18103248	0.20644209	0.1937553
0.343464	0.36450404	0.37195645	0.38621509	0.3686817	0.39793707	0.40112052	0.38512135
4.18146033	4.13382564	4.43610955	4.86487432	5.4695818	5.80520756	5.7331192	6.07808393
0.51921133	0.44812715	0.35344818	0.64316126	0.54118132	0.57009906	0.60740686	0.3850621
0.55700358	0.44332599	0.42119519	0.42914417	0.41126487	0.42696322	0.44438485	0.60663963
0.13729384	0.13943778	0.14129463	0.14293405	0.14186963	0.15979377	0.15319178	0.14330576
0.50749189	0.55711775	0.55386242	0.55808339	0.58344661	0.53345353	0.44113981	0.43305887
0.17494327	0.1699998	0.15961362	0.14706342	0.13334312	0.14003976	0.12885652	0.13802797
6.84600907	8.19768585	7.3756508	8.10363766	8.08752586	7.97540853	7.86551149	7.69136395
0.19830695	0.20116549	0.2029794	0.20405348	0.20124688	0.22582013	0.21631101	0.20281917
1.85270565	2.07267091	1.97753659	2.16750133	2.21789261	2.18813904	2.13476329	1.80849448
9.92957355	10.1324492	10.2373477	10.5494072	11.7109089	11.8507419	12.5555995	12.0760196
7.22882719	6.89824651	6.58523984	7.09849931	7.39225734	7.74652704	7.77573143	6.22567607
10.2147497	10.4038247	11.2344515	10.7226895	10.0230324	10.3742041	9.45475864	8.53232768
0.49851435	0.54472065	0.51640914	0.50054874	0.98708439	0.95897342	1.02371992	0.93584613
2.04542586	2.07177628	2.09650661	2.12098377	2.10851458	2.38804345	2.3030312	1.73724225
1.09053147	1.23334756	1.37054647	1.45744393	1.44491364	1.77849206	1.60913728	1.74703739
0.55881296	0.65613148	0.579207	0.62458693	0.60994436	0.58573065	0.55943244	0.52518406
0.04268256	0.04332436	0.04415453	0.04559817	0.04545316	0.05087409	0.0486215	0.04315083
0.14420457	0.1636097	0.14174825	0.18269867	0.19429703	0.21102231	0.18913582	0.17732329
0.56315184	0.56315449	0.628206	0.67821709	0.73530901	0.76550001	0.78687873	0.75931885
2.82772394	2.94205402	2.92955193	2.92743313	2.92298354	2.91240904	2.9622716	2.89205231
8.85684644	9.40218012	9.3816924	9.45978778	9.90145818	9.97533421	10.4277769	10.5022035
0.00231313	0.00231255	0.00230573	0.00230091	0.00229579	0.00228926	0.00228771	0.00228646
0.33942049	0.27824258	0.27138324	0.28318421	0.2777533	0.29535382	0.31552415	0.46500066
6.79687444	6.00213918	6.91403461	7.57590647	7.7553331	7.5097518	8.12780789	8.40099567
0.96454469	0.96033738	1.00165154	1.10208127	1.19492588	1.37681472	1.47880058	1.48779258
1.69537913	1.79149894	1.94224612	2.09451507	2.02266637	1.82441175	1.86051078	1.82226071
2.7930311	2.96982529	3.45647753	3.65147299	4.05849955	4.20674423	4.55051456	4.103234
0.11289901	0.10217066	0.09570841	0.09456675	0.09594698	0.09808432	0.09376738	0.09191094
0.08481806	0.07592286	0.09177857	0.08299869	0.06284508	0.06285626	0.05716299	0.04513842
11.4775452	11.9398554	12.2386307	12.3864168	13.1891463	13.4076262	13.7059986	13.4385669
1.88390432	2.00136878	2.03057804	1.95773229	2.02895818	2.17322688	1.91862186	1.8060621
21.7646844	20.599968	21.7683829	22.3003791	22.0450816	21.9987324	20.8059089	20.3037625
4.76185806	5.11818939	5.03850845	5.08695426	5.22215547	5.26057533	5.51484378	5.56896526
0.12972804	0.15481518	0.13915115	0.15179798	0.15034572	0.14732661	0.14438123	0.14050414
5.06627308	4.65812476	4.77882576	4.77621351	5.001165	5.50710574	5.88143895	5.75680343
0.77350078	0.92735656	0.83563929	0.91822853	0.91232513	0.89152255	0.86468057	1.23397775
0.33098611	0.38080155	0.27216904	0.28977334	0.28708882	0.29295315	0.29919151	0.30086158
1.22281752	0.97876702	0.93482244	0.95739799	0.92224697	0.96336078	1.01004614	0.85324583

0.69037195	0.56588273	0.55387606	0.58153163	0.5742154	0.61399822	0.65773355	0.64730687
0.34992074	0.32680364	0.38816919	0.38181265	0.40407633	0.41632428	0.50518309	0.48802431
8.42533097	8.81005426	9.11938209	8.88161604	7.88277152	7.87738591	8.1588219	8.40062418
0.96223506	0.96266376	0.93060214	0.81530669	0.75017621	0.65914618	0.63617183	0.56551948
1.75659423	1.4991254	1.59279021	1.38715197	1.3280107	1.32733493	1.36703875	1.26380568
9.61544979	9.33146546	9.92961804	9.82774797	10.1407225	10.4566134	10.2155698	9.74286973
4.34724703	4.24905276	4.41012276	4.46319687	4.5292069	4.57385773	4.43808227	4.27867207



1982	1983	1984	1985	1986	1987	1988	1989
1.33383292	1.35735509	1.56903462	1.65231527	1.81568342	2.08132974	2.33873051	3.23466093
0.18115082	0.24228155	0.2676743	0.34994271	0.33976714	0.28451982	0.26756261	0.24588702
1.33284232	1.33124029	1.29961677	1.32941293	1.30447632	1.29267725	1.2976206	1.27701386
1.06685129	0.93261709	0.8868509	0.5524612	0.46030928	0.85285901	0.76686131	0.77339113
2.60839789	2.7412146	2.905702	2.72143064	2.68047749	2.65677809	2.56472126	2.42985483
49.0263869	45.6534533	44.5492128	29.9195075	28.6363384	26.555097	23.3182197	20.0577436
31.9995229	29.3623421	37.9082134	37.2463371	34.1213059	33.3627098	30.7933916	32.4229661
3.38024812	3.44391066	3.37007352	3.10016743	3.29382599	3.42359929	3.49213347	3.34049201
5.62852646	5.56715727	5.52932463	5.47126255	5.43657554	5.39989227	5.29166621	5.12559721
2.03743402	1.19118221	1.47470582	1.4997866	1.60835194	2.15550451	2.35427205	2.42881012
15.2423948	14.2706722	14.4324994	15.1266048	14.9125671	15.3544173	15.6336331	16.3266023
7.34479022	7.34598045	7.57950463	7.76525747	7.59607422	7.6587014	7.45681993	7.43034936
6.68031282	6.70706043	6.71860063	6.71865724	6.73664457	6.76550371	6.63798262	6.54795932
0.01699645	0.02016839	0.02326085	0.02260688	0.02303757	0.03249562	0.04470175	0.04616583
11.9442842	10.955912	11.2287274	10.9721904	11.015797	11.0110999	11.218786	11.3027033
0.13152577	0.12616415	0.12595548	0.14412992	0.12551028	0.11071459	0.09727481	0.08314752
0.04010401	0.04269608	0.04029917	0.03799248	0.04507198	0.06235047	0.05959329	0.04808573
0.09795308	0.10257706	0.09667165	0.10510356	0.11261987	0.12089347	0.12617344	0.135891
10.3678665	10.2368638	10.0472373	10.2813967	10.4069617	10.4587113	10.3907564	10.3064946
22.0447803	22.2844082	22.2105977	23.0023863	25.3047501	23.8796002	24.3227491	23.7387023
5.06158297	3.64752114	3.50336116	3.04264276	3.12687196	3.62938217	3.64514973	4.19679257
4.00449428	4.19764171	4.33103831	4.51901639	4.68566227	4.28811681	4.33575176	4.41261999
10.3800772	10.3636388	10.2464495	10.178911	10.1588616	10.156075	9.94428202	9.56094459
0.40803356	0.38897971	0.44913454	0.43826701	0.55120165	0.46677164	0.35702195	0.52354844
2.63408403	2.70983364	2.9127955	2.82307043	2.74701662	4.15606055	4.84784815	5.98877417
0.94583003	0.95360293	0.85337259	0.82341137	0.75186019	0.76548579	0.81285051	0.91778126
1.49134991	1.39841796	1.39123993	1.45974597	1.56631734	1.57802735	1.58172089	1.57453157
1.28834466	1.34465958	1.60697522	1.94985347	2.10087141	1.98016853	2.02341415	2.29672727
17.9457379	19.0015305	17.8890925	17.1424641	15.688663	15.6856669	16.6003742	15.8822944
0.18043463	0.17868481	0.17085891	0.1765925	0.17209546	0.25739695	0.25855272	0.25557134
1.34390725	1.27234261	1.22628537	1.27085397	1.41673117	1.42656002	1.66239544	1.78051489
0.05454193	0.06179296	0.05438463	0.05286009	0.06453632	0.08106398	0.07308972	0.0661385
16.5239274	16.1057477	16.6894799	16.4895902	15.8951009	16.1581252	17.0826488	17.399809
6.1179875	6.72603863	6.60472753	7.05939241	7.00371145	6.71952193	6.67139252	6.59550836
1.88473065	1.89835801	1.97143367	1.87447488	1.86576605	1.85334018	2.20778945	2.60809559
1.58407876	1.64308527	1.76465084	1.75417444	1.82944342	1.91955497	2.02457704	2.05630746
0.38095322	0.42994093	0.36785563	0.32402814	0.3257047	0.30631882	0.29876888	0.27697296
0.25173046	0.49296998	0.49953889	0.47535507	0.55795622	0.49172765	0.30038563	0.41864553
0.10981641	0.1400923	0.13347912	0.12152555	0.11079884	0.1184477	0.11949299	0.11011261
1.21734473	1.2191678	1.16886764	1.15447602	1.09378882	1.08682735	1.04577181	1.01893691
3.26727638	3.21579152	2.84909133	3.12734226	2.0122951	2.27611668	2.28169315	2.18092896
1.45350093	1.49152451	1.48331509	1.50148477	1.4866439	1.51919916	1.50471453	1.52136338
0.08505236	0.09051223	0.08511894	0.08252736	0.04643649	0.13343986	0.11895062	0.10673142
0.27520687	0.29535777	0.34121766	0.3339138	0.10631952	0.15550485	0.18957079	0.20719679
0.78200961	0.77276643	0.78120475	0.80232078	0.81615417	0.83916349	0.86659006	0.95476719
3.37160068	3.61559932	3.79625406	3.51008888	3.54343627	3.82152401	3.94284762	3.97799066
3.3722624	3.43980866	3.94906274	3.9275302	4.14012078	4.42080464	4.76840696	4.6342698
4.57560814	4.53939882	4.59028814	4.47127255	4.90992772	5.61158951	5.58627434	5.79309078
18.923177	19.0067518	19.2786172	19.0437709	18.8617098	18.8462438	18.4511636	17.7130488
13.5229051	13.7491856	13.9726798	13.9780823	13.8775527	13.7372974	13.6046646	13.3489291

1.87415132	1.50732187	1.17613359	1.11801823	0.97918782	1.31083106	1.09062733	2.17605846
0.17720579	0.1747116	0.19524686	0.19742181	0.17074491	0.25507245	0.29694946	0.30655934
11.0956197	10.4126774	10.7398822	12.2683408	12.3908077	12.0004551	11.2228886	10.0976263
1.05233476	1.19280448	1.22729161	1.05585132	1.15613107	1.30185605	1.27946265	1.33598779
2.76360406	2.78840113	2.84821302	3.17666014	3.22480941	3.01992024	2.96603385	2.89788595
1.68976679	1.54892915	1.58641348	1.6646093	1.69827583	1.5246862	1.67066077	1.63736218
1.20351456	1.30603143	1.40044378	1.43047068	1.45296665	1.53131122	1.52931905	1.58146177
0.12576181	0.12411225	0.12107553	0.12102778	0.10271902	0.10140451	0.10163973	0.10188109
0.68785984	0.68541852	0.65099807	0.70840828	0.7082917	0.89472254	0.80496767	0.71855525
5.59005985	5.64221636	5.33580506	5.14216041	5.22540774	5.24259992	5.3379798	5.79400002
27.8136875	27.4754464	26.6107924	25.8666859	24.9743956	24.3252069	22.8916461	20.7376952
0.03364304	0.03484685	0.03141965	0.03164561	0.03850858	0.04366716	0.04413881	0.04501894
9.56817673	9.1887246	9.41474941	10.2735742	10.2551154	11.1643807	10.8579691	10.8272758
1.63983341	1.32312461	1.08025097	1.19294642	1.21546907	1.09856955	1.08414503	1.251584
1.89034911	1.84849168	2.05176638	2.56326527	2.05479604	2.16456312	4.05541105	5.97935375
7.98684811	7.59851496	7.34931897	7.12499251	6.86840395	6.70729246	6.67002531	6.88912699
0.03016754	0.03051804	0.03089986	0.03128805	0.03170643	0.03213257	0.03252202	0.0329405
8.42153568	7.53635057	8.48938048	9.4454378	6.59803961	5.47315461	5.50219939	6.7541102
10.1801004	10.0524805	9.75345564	10.2104219	10.4381973	10.4953815	10.4266657	10.1587128
6.58690798	6.42684475	6.31959584	6.17820349	6.05906319	6.06731562	5.91665954	5.66339916
0.23793028	0.14517154	0.16252324	0.18410449	0.19373339	0.20084428	0.20517273	0.22280983
3.21320636	2.90150301	2.80109523	3.0176152	3.90392845	4.32334083	4.88270305	4.69742429
0.1249095	0.13430665	0.1271352	0.11583991	0.1409322	0.1992274	0.18113752	0.15706425
1.0249903	1.09622303	1.21520604	1.12409199	1.15578447	1.34777486	1.53676665	1.64743296
0.15521324	0.16362183	0.16538552	0.15790592	0.1417876	0.23087673	0.2022664	0.17851414
0.06723926	0.07166042	0.0892445	0.09730472	0.08512889	0.19376395	0.2003683	0.18308192
0.22027937	0.13334973	0.1331928	0.11756012	0.12877181	0.13201494	0.14388515	0.18631824
5.52291666	5.84079478	5.94949233	6.26050325	6.189511	6.6773576	7.09143488	7.51089861
0.18907442	0.1797999	0.19475182	0.19258278	0.2311285	0.30708079	0.34618182	0.35928909
0.01902281	0.01920771	0.01941274	0.01960119	0.01977198	0.01997585	0.02016717	0.02034736
0.48147772	0.39885097	0.43680911	0.44805712	0.37992139	0.41508519	0.3984579	0.41496522
1.59372504	1.53960217	1.27508789	1.20751212	1.38352296	1.54315345	1.7900516	2.00175267
1.84648408	1.66134327	1.80930927	1.86995739	1.78487288	1.77612322	1.85870617	1.65495738
3.73040362	4.35159269	4.73973284	4.86055328	5.49248302	5.4042497	5.94592699	6.0138564
0.44727085	0.49900909	0.49573069	0.43397236	0.42927992	0.46221819	0.48047015	0.51813936
5.33721078	5.97068437	6.11111164	6.24258369	6.71964176	6.53919581	7.16541128	6.88364464
0.14991783	0.16124088	0.16227123	0.16396096	0.14996693	0.15839769	0.16612702	0.16695832
8.45017436	8.13903244	8.32679083	8.36092129	8.2659694	8.40696537	7.98818192	7.79725531
0.62377144	0.60360862	0.60424581	0.64248187	0.695257	0.69990649	0.73512413	0.75459781
0.48214712	0.50150323	0.54022166	0.5519125	0.58634765	0.61390593	0.63787369	0.66894804
7.80929683	7.63602591	7.59773959	8.01922034	8.27414692	8.7102336	8.46940786	8.76605787
3.37391852	3.65703221	3.45294814	3.53132776	3.16648528	3.2208991	3.13497614	3.26129057
2.65175649	2.84269035	3.12277172	3.51293692	3.85381504	3.75350213	3.95214512	4.31289758
8.4870002	8.56331656	9.40470453	8.83803307	8.76769508	8.82469029	9.21356196	9.11739059
4.09762751	4.15969356	4.22108236	4.4186558	4.71351896	5.03425983	5.22042507	5.27707595
6.66558795	6.57502586	6.65974949	6.64638784	6.67306596	7.01240839	7.0941277	7.41036555
2.5942763	2.58126008	2.36984033	2.08362907	1.97125737	2.02430327	2.1125157	2.68724716
3.06276175	3.39476243	3.56719609	3.50200633	3.57828002	3.84440939	3.56238778	2.80131147
7.85648012	7.83178654	8.34198642	8.06813815	8.00261207	8.02534884	8.58180412	8.78941763
15.713443	15.2403536	14.5823472	13.9795797	13.8520483	14.5953562	14.9348093	14.6394267
0.27560184	0.24782557	0.27647461	0.27390897	0.29501087	0.29612615	0.28442649	0.29009475

5.55867685	5.15889934	4.80931005	4.57544576	4.46034301	4.77720116	4.85138946	4.78355258
0.04740005	0.05123194	0.04940708	0.05264472	0.0444413	0.04891156	0.05125361	0.04806609
0.46823349	0.45665309	0.20177286	0.21873782	0.19118064	0.24879033	0.24417813	0.22948288
0.40802418	0.40191896	0.44936051	0.45389951	0.40762758	0.43660284	0.50361042	0.51882047
3.75765995	4.03312922	4.47794008	4.62899736	4.76746442	4.85800229	5.43238096	5.66517646
21.726456	22.4244136	21.813189	23.483363	23.9322625	24.2988621	27.8243988	31.6034722
0.04880554	0.05116683	0.0413409	0.04802167	0.05025133	0.05530319	0.05425116	0.05734339
2.13280644	2.25890674	2.29438158	2.66100482	2.80902718	2.87800186	2.22292055	2.23161407
0.54973567	0.58513687	0.50605997	0.50013637	0.38742937	0.40753978	0.4955179	0.37531815
8.08272409	7.34424856	7.21171615	6.50443441	7.1652781	6.82433369	6.98959486	6.64891176
0.28964713	0.24575882	0.26923363	0.34087741	0.34962784	0.39519827	0.52917166	0.5329002
0.31835772	0.32033322	0.27696001	0.24838146	0.24225522	0.27386599	0.25999287	0.24398166
0.06788512	0.07247615	0.06853565	0.07340986	0.0783281	0.10794861	0.06769726	0.08870915
9.19903463	9.17866762	9.27541849	9.19074568	9.25676141	9.26726412	9.18319352	8.9930918
29.9214566	27.7865215	30.600245	30.843813	29.966526	28.1481633	29.1777733	31.0183603
7.25790484	7.31451429	7.30442859	7.27346525	7.34932009	7.37595535	7.29631245	7.12667342
1.88096075	2.48938719	2.3176568	2.0182276	2.40166372	2.84188167	2.6665341	2.6352129
0.78519325	0.80606608	0.79521178	0.80984156	0.81417363	0.81712197	0.84451862	0.89526774
7.11278106	7.09380076	7.08068185	7.06313518	7.19508734	7.30435591	7.29931076	7.21562548
0.08017613	0.07051816	0.08826522	0.0783543	0.07197934	0.07593717	0.0681867	0.06879948
0.08970299	0.08586961	0.28022518	0.29878196	0.28894321	0.31742893	0.37537083	0.35073487
3.82528385	3.52315708	3.49860838	3.54643269	3.42023975	3.49501859	3.41124555	3.50425396
4.25569912	3.93960836	4.59665911	4.85944929	4.98902407	4.78664096	4.85010397	4.98379902
0.04089181	0.04310809	0.04125975	0.0437498	0.03465323	0.05402149	0.02920698	0.04846611
3.89853279	2.86253504	3.86773147	3.34790443	5.34558661	5.55588534	5.99233024	6.44241893
0.16069797	0.15235634	0.16318881	0.16864268	0.1733553	0.12865351	0.11892452	0.11770983
5.30846892	5.31283457	5.51644743	6.20630314	6.60925613	6.82094603	7.03770354	6.52331279
0.16293322	0.14565511	0.12086696	0.12139077	0.11822573	0.11828636	0.11907187	0.11724906
0.25272576	0.26657224	0.36222431	0.34952561	0.21246243	0.37737993	0.43469233	0.44988774
0.89866607	0.86237403	0.81927945	0.93905817	1.00588584	1.15769628	1.43630081	1.88395806
0.55983638	0.63063929	0.67169259	0.62557872	0.76931399	0.80812372	0.88883024	0.99404672
0.06623196	0.05840693	0.05211696	0.05227889	0.04776291	0.05963979	0.0495954	0.05358504
2.47341298	2.7699389	2.84114059	2.73829889	2.73978942	2.71073937	2.81365314	3.22926089
0.86686226	0.92457293	0.86690256	0.92048148	0.96876867	1.4204537	1.38473588	1.17022656
7.46675158	6.66627796	6.98404722	9.17791059	8.66970897	9.35080521	8.97707783	9.60848478
0.09954168	0.10632474	0.0866766	0.08669552	0.10987094	0.10592186	0.10626131	0.10577144
0.90174857	0.88035162	0.86223123	0.87530326	0.83328318	0.76850892	0.85116514	0.85606668
0.59082325	0.62385576	0.55223637	0.54368054	0.62812147	0.62112315	0.5433375	0.42313237
10.069557	9.70161027	10.0782528	10.3194171	10.4215754	10.6504421	10.5840043	10.7339926
7.84516126	7.78984332	8.24192019	8.4230256	8.96391639	8.61036608	8.81267078	8.53501795
0.03850299	0.05178412	0.05430768	0.04048933	0.05236861	0.05450931	0.05344291	0.04195422
6.03724513	6.03995276	6.11009295	6.36766758	6.16132901	6.45619908	6.79952251	6.86202169
9.75163101	10.5187514	8.56815094	6.37497633	7.26681361	6.80450718	7.31683437	6.99941221
0.42521286	0.43891162	0.44665061	0.47628751	0.49473066	0.55429069	0.57853458	0.6066523
1.50948638	1.69181681	1.38126155	1.26829022	1.2832416	1.38926127	1.04025368	1.06379527
1.26168707	1.04547851	1.05970186	1.00031356	1.06447514	1.12541682	1.1145802	0.98289847
0.68167934	0.71097901	0.61142137	0.59062519	0.54078861	0.64282722	0.65334395	0.65953331
158.757863	160.392675	172.610583	136.371717	145.586012	149.886653	140.990331	144.568318
0.48960178	0.47085021	0.47691485	0.51348227	0.44447264	0.55077967	0.50471862	0.48651594
11.740583	11.741908	12.0591534	12.244842	12.3746581	12.7388799	12.4168196	11.819835
6.60942832	6.65609348	5.91255125	5.12212389	6.29704639	5.58190233	6.46212479	6.71529232

7.02559572	7.16210011	7.2963805	7.41893752	7.222897	6.857063	6.93307621	6.88645531
3.2172458	3.11109311	3.03391917	2.88745477	3.29974491	3.31365851	3.42396478	4.27869002
0.42504554	0.40212691	0.42916213	0.41624614	0.43202062	0.46707293	0.51270647	0.49926332
2.65640875	3.39929736	4.41973548	4.1222797	4.40890282	4.88737212	4.7281526	4.48359006
45.5710805	36.6580011	47.8793438	41.6389561	40.7914193	38.8269101	37.7512024	37.8953242
0.95908402	1.16446435	1.23140049	1.20578625	1.20668611	1.77415696	1.87625444	1.80805676
8.78022305	8.83426087	8.69841079	8.62133365	8.8296329	9.1049164	9.24547943	9.1557251
13.9423859	14.0841118	14.2331849	14.4049489	14.7680907	15.0922694	15.346022	15.3375665
0.07666666	0.08322442	0.07539142	0.07575746	0.07293622	0.0701957	0.0775648	0.07579599
16.1329179	15.0643867	10.9183617	10.2861162	9.79492179	10.1366088	10.5148872	10.1896066
5.8472633	6.1405019	6.28561188	6.56904966	6.8039619	6.42339497	6.39619033	6.24720566
0.19345944	0.18902816	0.16613306	0.18978468	0.17978648	0.13507289	0.18955866	0.16637496
0.35822151	0.34626399	0.35926413	0.36038224	0.33445818	0.3268125	0.30480781	0.31072866
6.2030928	6.56860578	6.85772684	7.01619275	6.99401642	6.99333357	7.71189667	7.98963057
0.33735136	0.5387208	0.4764637	0.52702166	0.58246893	0.81792711	0.91658687	0.9363293
0.52063983	0.55358586	0.4790827	0.46287301	0.35468248	0.45732896	0.54306576	0.50887792
0.14029639	0.14433926	0.13104587	0.14168633	0.15245482	0.22287229	0.21984956	0.18916162
0.398465	0.40611078	0.39131036	0.42217764	0.4132362	0.48785095	0.47632035	0.46899803
0.12473657	0.13301387	0.13253454	0.12983401	0.14732141	0.14844564	0.13124311	0.12214676
6.44471363	7.00550557	7.76312679	6.97382202	8.88530436	11.9207996	12.8291576	15.8473158
0.18492444	0.19921187	0.18934333	0.18557654	0.20913822	0.28951177	0.26075386	0.23580748
1.59830276	1.17186866	1.02831769	1.32177996	1.31883113	1.02825253	1.22766762	1.43003285
11.6429132	11.5241578	11.8829448	11.76911	11.1639004	11.4600949	11.6082935	11.4752847
6.00383208	7.27958116	7.28222157	7.03257874	6.90758754	6.52628437	8.67216017	8.04727817
7.79222081	7.08986182	7.02246932	7.48480022	7.65787456	7.3917765	7.14615683	6.7675494
0.91865703	0.66812987	0.73377969	0.81407546	0.86279333	0.86682064	0.88545942	0.89240912
1.45837916	2.72761869	2.74874364	2.8600732	2.81512725	4.20216436	5.72279343	5.47119798
1.99574793	2.27521469	2.46133249	2.1465609	2.1662322	2.66527748	2.53521925	2.37337696
0.46793735	0.43612456	0.46240535	0.44400679	0.44469793	0.45645827	0.47622412	0.46890284
0.03942887	0.04132697	0.0197097	0.02291613	0.03813712	0.04626886	0.02563039	0.02519132
0.19332702	0.13586859	0.14535931	0.13232239	0.1899773	0.19956923	0.18974951	0.18704424
0.7211609	0.78715125	0.87439448	0.93622404	0.95045386	1.07727064	1.20464508	1.38553582
2.82179829	2.78111932	2.68718569	2.71599203	2.72618333	2.68171845	2.63942834	2.57926488
10.5338577	10.5950888	10.7155657	10.8236928	10.9323646	10.9978564	10.9923183	10.9414048
0.00228751	0.00228764	0.00228786	0.00228875	0.00229175	0.00229257	0.00229429	0.0022967
0.45693267	0.45134227	0.40273245	0.4448008	0.23913571	0.61029379	0.77390993	0.9132439
9.30517293	9.77675578	10.0755862	10.1361846	9.8662658	10.0433548	10.6050309	10.5300089
1.40594959	1.58709382	1.60770538	1.61951896	1.62552689	1.60484604	1.66884917	1.76073532
1.93166713	1.99359566	2.06539019	2.19838759	2.35951885	2.51766056	2.39572997	2.6084163
4.2766587	4.42966324	4.51715799	4.41342092	4.95365593	5.14184359	5.93351301	6.37059663
0.08115848	0.07702571	0.07805538	0.07980408	0.08185017	0.0808065	0.08181572	0.07994562
0.04108807	0.03811297	0.03837663	0.03856801	0.04102001	0.04424917	0.04605796	0.0418072
13.3470593	13.3075368	13.3214486	13.3223308	13.5590637	13.938839	14.0647979	13.9680801
1.67174989	1.32368881	1.18042993	1.10234298	1.07215094	1.20740005	1.5438469	1.65359778
19.0705215	18.8244545	19.5110902	19.4376733	19.1014426	19.5633288	20.2687979	20.3070176
5.61651805	5.67518137	5.74762574	5.82056737	5.913392	5.9865031	5.98357681	5.91314324
0.13049378	0.12699219	0.13988149	0.13939319	0.12191191	0.12851994	0.16172295	0.26570341
5.7208345	5.44307055	5.50308412	5.25888094	5.15167741	5.26986907	4.94521835	5.13694716
1.11469351	1.04998107	0.74767283	0.71824291	0.43503379	1.15859089	1.19534852	1.17673291
0.3182796	0.33533451	0.3284515	0.32357345	0.34711848	0.37748854	0.36242019	0.30447999
0.82075335	0.79320548	0.69234502	0.8550796	0.67297263	0.64864279	0.8361105	0.69297161

0.72386616	0.71129413	0.78871211	0.69511811	0.52389713	0.59470824	0.59829267	0.73738677
0.52383556	0.55426391	0.54527056	0.55975479	0.56876631	0.59980724	0.62135274	0.61508439
8.39410787	8.25086478	8.5818754	8.52108508	8.26595365	8.54795004	8.47194417	8.20500793
0.52926129	0.49762664	0.47278234	0.45874768	0.45817396	0.44031557	0.46428405	0.46722314
1.16953447	1.11372835	1.1251427	1.25478871	1.38284404	1.70114994	1.59573504	1.56704938
9.47561232	9.39611888	9.44946481	9.45714947	9.44712231	9.52343352	9.47730499	9.46437477
4.1502786	4.10814061	4.16734422	4.14690206	4.14417332	4.19916665	4.27097009	4.26956797

1990	1991	1992	1993	1994	1995	1996	1997
3.23179108	3.50098394	3.67212924	3.46701452	3.72361506	3.91146948	2.48266669	4.01097317
0.23856749	0.21910666	0.13017108	0.11823655	0.10419732	0.08555782	0.07951489	0.07532795
0.92271281	0.938428	0.93450811	0.90584162	0.83014978	0.90779281	1.06786803	1.08702441
0.7351239	0.8760697	0.88141332	1.07550693	1.37832803	1.67413734	1.61343657	1.31793734
2.02501007	1.33706814	0.72919969	0.69686329	0.74638447	0.66628154	0.66454724	0.51097812
18.1793953	18.913265	19.746642	16.2383108	18.3638162	18.5674809	19.0177944	37.9703602
30.5819184	32.8534163	29.9631986	29.8603888	31.1628121	31.6080982	31.4625439	31.2227028
3.06106189	3.18109124	3.19448515	3.26213461	3.31856472	3.32244653	3.57345097	3.65369147
5.87314497	6.16165397	3.1882581	1.52099892	0.85524147	1.10066276	0.81877678	1.06552792
2.4538557	2.44215959	2.41897249	2.30689708	2.45033196	2.49779996	2.41206019	2.48244112
16.2963302	16.1958804	16.1909267	16.2275012	16.3496317	16.7448855	17.1123241	17.4560282
7.96992288	8.42698561	7.72698872	7.67410937	7.68714088	8.01654285	8.47761855	8.40673486
7.74901335	7.45234528	6.0093313	5.19468529	4.49157776	4.35729769	3.61550733	3.45967594
0.03700348	0.05104267	0.03935258	0.04295969	0.0437325	0.04239498	0.04496696	0.04444684
11.5733351	11.9261335	11.6715744	11.4339466	12.0236687	12.0177598	12.4809311	12.1694944
0.07975436	0.06776293	0.07113799	0.06956365	0.06831005	0.06717033	0.17627317	0.21710963
0.03703081	0.05073764	0.04226647	0.04314996	0.04575024	0.04571879	0.04929063	0.07660999
0.1390503	0.12938639	0.14144243	0.14909435	0.1549236	0.18345197	0.18210803	0.19341713
9.05427313	7.40499795	7.14848547	7.32685682	7.08257566	7.3236895	7.43623231	7.22484175
24.1907387	22.6952486	26.0287106	27.4662247	27.292441	27.041363	27.2941402	27.3303359
4.2373463	3.75849934	3.18032501	3.20825975	3.4954383	3.98080766	4.38604709	4.37379921
5.5054486	5.03045141	3.82805139	3.33155547	0.83549161	0.91418048	1.16349615	2.32444593
10.3292226	9.9389296	8.9863442	7.77318305	6.64396854	5.95772563	6.06941733	6.13562355
0.66969344	0.75362753	0.61818798	0.59275782	0.56357984	0.62078609	0.49913858	0.83218014
4.1441686	3.71730718	2.92011263	3.24059817	3.19213633	3.19351356	3.24119213	3.31328305
0.95994664	0.98641517	1.04175612	1.22184608	1.2929546	1.14605275	1.08624214	1.29143151
1.51919297	1.54806148	1.54435366	1.58681398	1.62022756	1.72499253	1.82280198	1.90543485
2.36435731	2.24722673	2.17637368	2.06405152	2.00254953	2.04282931	1.99018083	2.35503941
16.6160516	18.4378222	19.5695193	19.2042318	18.9751967	19.5618272	20.0439703	20.8340777
0.3373109	0.35073415	0.35111951	0.38180755	0.50090513	0.62561616	0.69225886	0.71862033
2.04849355	1.97062628	2.33353276	2.24168037	2.09605035	2.12960893	1.8777379	1.96354615
0.05406279	0.0694448	0.05462982	0.05785538	0.05907067	0.05914466	0.0628122	0.06139453
15.9058263	15.4939487	15.758077	15.5558022	15.980496	16.2261535	16.536135	16.9081284
6.71313731	6.99067378	6.9083632	6.49626081	6.29723139	6.35786411	6.39731847	6.18815095
2.50847936	2.36222479	2.40445705	2.51413106	2.70627822	2.92274325	3.30311735	3.69876158
2.05917506	2.14450234	2.21742603	2.37460349	2.47923232	2.71449803	2.67228455	2.73008047
0.24226606	0.24113309	0.23186477	0.23771089	0.24031174	0.2546505	0.30889804	0.3650732
0.40580382	0.3756511	0.35091799	0.37295044	0.39258179	0.38300457	0.38268633	0.37564029
0.09733571	0.05274849	0.04359504	0.04042474	0.06164822	0.055657	0.05984351	0.05855844
0.97705712	0.97016025	0.92072494	0.88419204	0.78748514	0.97525385	1.14134448	1.14232983
2.23942511	1.59607399	2.50476534	2.51688908	2.57376771	2.33609994	2.38046745	2.48438651
1.55585737	1.57832155	1.60784747	1.66967999	1.62813129	1.67570904	1.62404211	1.73496296
0.09539556	0.11171198	0.0923542	0.08762302	0.08491061	0.0847681	0.08556443	0.08341158
0.15711845	0.19226698	0.18618356	0.17674878	0.2014666	0.19635582	0.22923843	0.22408774
0.9414912	0.99263386	1.30215202	1.27612353	1.4603893	1.41442752	1.31844082	1.26979067
3.65337425	2.82480071	2.22785464	2.02607155	2.07347752	2.1951323	2.36560113	2.57659031
4.5997704	4.33920298	4.24568973	3.76478093	4.22271306	4.19967266	3.93492432	3.80704573
6.05063353	6.58958081	6.85521829	7.01663213	7.15421411	6.84929468	7.12315608	7.0821867
16.0031701	14.5119201	13.9446989	13.4998601	12.9676881	12.8966384	13.2741995	12.9620902
12.8040114	12.4683157	11.7194979	11.5455276	11.3133911	11.2113958	11.5404452	11.1389222

1.64842311	2.01372524	1.70107951	1.66397769	1.69271436	1.70151569	1.72923283	1.69928775
0.30075963	0.30240476	0.3038321	0.54466541	0.71729146	0.82531903	0.90782613	0.88862226
10.1974039	12.2376423	11.0968515	11.5033993	12.2217228	11.5787183	14.0850032	12.1735248
1.1201689	1.15022227	1.30915277	1.26859807	1.45538017	1.51999215	1.60728448	1.79859212
2.78474174	2.83162433	3.11912399	2.98610005	2.86127861	2.89979971	2.77123908	2.66407991
1.71794142	1.68161548	1.73097285	1.6508886	1.69261026	1.81824	2.05137367	2.09455475
1.59375434	1.59438249	1.62312336	1.5957912	1.49166777	1.56521136	1.64659111	1.71991725
0.10574253	0.12092689	0.1574577	0.22058211	0.24983009	0.26990256	0.29429918	0.27166075
0.68905595	0.80694399	0.69197252	0.62585145	0.6106972	0.68713107	0.67791555	0.68801581
5.89777519	6.07871255	6.26973401	5.88076125	6.13530335	6.42875861	6.18490486	6.65576646
25.2255685	23.2795075	17.184322	14.3518153	15.0727853	13.9594583	14.7965431	14.5734085
0.04546231	0.04346259	0.03283253	0.04032617	0.04503084	0.04931361	0.05387199	0.05465818
11.2528128	11.3380194	10.7217025	10.9161809	12.1815568	11.4766341	12.6405818	12.178511
1.39307472	1.21201932	1.34377029	1.43516586	1.48029377	1.44906351	1.50166574	1.53454014
2.85635822	2.76619315	2.68331174	2.50581176	2.44721988	4.59590423	2.65501625	4.77933526
6.76380994	7.16898299	6.90347347	6.53362683	6.43213836	6.55978527	6.7819478	6.61081434
0.0333715	0.03371134	0.03409177	0.03443784	0.03480005	0.03527569	0.03559418	0.0358668
6.48083627	5.04376618	4.94874655	4.92746937	4.7662399	5.22089467	5.68456804	5.29514564
10.1838996	10.3154428	10.056308	9.75068267	9.59378754	9.45323156	9.75578391	9.3662889
6.37449097	4.95470355	3.948776	3.21758686	2.1378969	1.69710034	1.39456917	1.23905926
0.21403916	0.19301727	0.22162774	0.22242483	0.2304698	0.24129599	0.25538085	0.26219158
4.93189864	6.94997855	8.20228825	8.23950333	9.64099798	9.35124589	9.48503389	9.72576026
0.15652685	0.14398984	0.12174123	0.11839625	0.11421164	0.11149691	0.11180718	0.11028593
1.78130108	1.87647512	1.74221721	1.85533222	1.93090944	1.8699302	1.82212023	1.88267345
0.13337857	0.16056247	0.13235394	0.13480682	0.15045522	0.1396048	0.14082337	0.13696795
0.16664967	0.20377962	0.17812976	0.1869506	0.18213486	0.18323058	0.17786156	0.18329513
0.1665386	0.16816435	0.16285909	0.16395178	2.48739437	2.54972756	2.686769	3.55508972
7.60133157	7.53522981	7.65989016	7.5296139	7.60011011	7.8089064	7.74217747	7.7721434
0.52733206	0.52867349	0.54231394	0.60395085	0.69766394	0.62145793	0.65990498	0.8974097
0.02054862	0.02086133	0.02117145	0.02147566	0.02180189	0.02213862	0.02247731	0.02272875
0.42253702	0.43628877	0.49958758	0.54185391	0.57222077	0.65262478	0.62661818	0.64080666
2.22360825	2.34612333	1.86585768	2.31712634	2.28950954	2.54659596	2.5484272	2.56757837
1.57896212	1.53963199	1.44687495	1.44496231	1.86573335	2.01287342	2.07627098	2.26685563
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0.47531504	0.46544262	0.508366	0.51796861	0.57551425	0.66095185	0.68191328	0.68173592
5.22236148	3.81790415	3.46280846	3.55558842	3.43495891	3.58604985	3.7727421	4.04152465
0.16076686	0.15379044	0.14031476	0.1165135	0.05394673	0.14405078	0.16072859	0.1843508
6.96889592	6.60266946	5.95737765	6.05286231	6.02915402	6.0251179	6.1538056	6.04490568
0.89164969	0.94609454	0.97225491	1.04701033	1.09693536	1.21397975	1.26063236	1.35849097
0.69033964	0.72787028	0.7391266	0.75726441	0.78948757	0.82923266	0.85148427	0.87999012
9.05970683	9.19129292	9.13005454	9.15183377	9.43433719	9.52614813	9.81140575	10.0647462
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3.97525721	3.03466934	4.10513476	5.26882463	5.61069118	5.39869978	4.82896131	5.63106173
9.18147858	8.90265035	8.87178369	9.17141485	9.51433357	9.12568803	10.0330379	9.63059111
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7.46435328	7.44223142	7.40452392	7.28147925	7.18158824	7.60283079	7.5181607	7.58407117
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2.82852356	2.68774901	3.01604555	2.96798863	2.9559971	3.01901442	2.99548681	3.02555486
9.37087368	9.41940472	9.42932663	9.34429075	9.74085141	9.80130442	9.88095421	9.74723887
15.0315718	15.7150727	16.0977211	13.8132277	12.5679393	11.2454512	9.98818859	8.811895
0.27628359	0.25708089	0.25217106	0.24034381	0.23668825	0.24564125	0.26277734	0.24565871

5.40989415	4.81071032	3.14285407	2.29427159	1.48939645	1.04202481	1.27783763	1.24037583
0.04817632	0.05134753	0.0543463	0.05319855	0.05285194	0.14087947	0.15174511	0.15749436
0.23240199	0.23928449	0.25632374	0.25657142	0.26041624	0.23325745	0.23230306	0.23555842
0.50683226	0.67452163	0.67321044	0.80231845	0.94118109	0.78379774	0.89649682	0.9104344
6.33979534	6.89551069	7.27267554	7.81283715	8.32856074	8.93497436	9.43268696	9.85902257
15.4350794	18.9115281	14.0659915	19.2876458	24.4800636	25.0283386	24.2967319	24.3385636
0.06048833	0.07191141	0.07715547	0.07919454	0.08518247	0.08172214	0.09385101	0.1016965
2.20981638	2.69188646	2.82051057	3.93068594	4.21099826	4.78738493	4.91051494	5.3545298
0.17864584	0.12454149	0.11401523	0.12352876	0.12242494	0.12214761	0.12564064	0.11547985
7.356704	7.230947	7.36681376	7.67351915	8.74894256	9.72777371	10.0517019	9.15981723
0.51205635	0.50707917	0.5041471	0.48599191	0.57995585	0.56310122	0.55114264	0.55818326
0.24451114	0.25221606	0.3105917	0.30087598	0.34374556	0.34205319	0.47946597	0.47552553
0.06774483	0.08282206	0.06911707	0.065501	0.07006166	0.07075989	0.07231088	0.07141681
9.50258449	10.0003922	5.66348729	4.41809615	4.31161933	4.16813391	4.32783678	4.20842178
31.3742947	32.2475914	31.1008212	31.2370512	28.5067528	22.242694	22.0961485	20.3545235
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7.29067985	5.86528261	4.66420748	3.97347157	3.23198754	2.82534153	2.4475007	2.24754081
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0.42657334	0.42983386	0.45906071	0.52853868	1.10861746	1.33295866	1.32984939	1.16208984
3.39343536	3.53119387	3.50307359	3.5357081	3.74826813	3.46894862	3.57293164	3.70777125
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6.37102877	6.03456029	5.87011401	7.52555651	6.67117654	6.27312406	6.07506092	6.39694172
0.10910244	0.10418035	0.10906955	0.12052266	0.14281384	0.17114218	0.17768368	0.17458257
6.0196675	6.69914824	5.77546401	5.27446431	4.56312299	4.50112684	3.7739889	3.6688179
0.08769499	0.07167543	0.08253078	0.09230241	0.07524957	0.07978705	0.07467206	0.08031533
0.3478259	0.42770702	1.06526438	1.02741469	1.038856	1.05005196	1.01115741	0.97050367
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1.1233151	1.18914716	1.2394636	1.34713868	1.36818704	1.38337237	1.43238055	1.42320561
0.16276236	0.18301335	0.19829397	0.20056394	0.20807874	0.21048378	0.22050189	0.24225714
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0.8808281	0.76995241	0.81117181	0.91290116	1.02355656	1.07672844	1.14490667	1.14907162
9.31039114	9.92043395	9.81233305	9.86711352	10.0760144	9.00258882	9.86625504	8.93295073
0.07765786	0.07176179	0.06585922	0.07732914	0.06262324	0.05825134	0.06519134	0.06345534
0.78836294	0.83236105	0.88906767	0.8432166	0.76783867	0.82260795	0.93583891	0.88802349
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0.05804461	0.06966006	0.07135502	0.07667227	0.09089266	0.09634892	0.09990825	0.10796974
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9.05548792	10.5157827	10.3586498	9.99024234	9.08556712	9.14189002	9.37035265	9.77400691
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1.10004435	1.24300288	1.45289905	1.45459841	1.51618841	1.59858227	1.57706387	1.62458481
0.95491269	0.90816865	0.92847452	0.95803989	0.9647019	1.076875	1.16389236	1.14264826
0.68730696	0.67443382	0.71644718	0.75435547	0.79467676	0.93641975	0.95985736	1.05173218
142.891518	138.288633	123.055054	122.486524	178.259457	136.19237	125.011276	138.94819
0.50195807	0.50162157	0.55327817	0.55102547	0.53533276	0.50610174	0.50588084	0.51704271
9.78867461	9.69675793	9.43436112	9.42033995	9.23971777	9.26945046	9.67284977	9.41022479
5.40617241	5.49900522	5.64707616	5.73294391	5.85358383	5.9263752	5.963349	6.08533501



6.50292532	6.15820147	5.36094669	4.89081154	4.41144332	4.07555168	3.57510025	3.43272472
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0.51759309	0.49291166	0.57625103	0.64108927	0.72938826	0.80881982	0.77996394	0.84481987
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16.5098479	16.1685488	14.8385918	13.5332202	12.2033297	11.9037134	11.6444015	10.8605691
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0.31298108	0.30527328	0.32546323	0.30853119	0.30619151	0.31491308	0.33107552	0.3554061
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1.72348156	0.99152212	0.95061164	1.20164459	1.0447042	1.10513369	0.66503319	0.73039726
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0.4934436	0.6209654	0.689408	0.73885587	0.84602378	0.91416522	0.80522903	0.97747618
0.08486024	0.0638618	0.05024093	0.05133837	0.0507317	0.05126756	0.05189817	0.05039527
14.4944608	13.629077	12.6986415	7.07627558	7.35555418	4.57770994	4.54679164	2.71589784
0.33820259	0.43937614	0.36500475	0.34833927	0.41567691	0.41864222	0.42632428	0.41902977
2.6930937	3.01453519	2.89661472	2.86044125	2.83013991	2.84198729	2.76639622	2.81087062
11.463689	9.91842004	9.23124104	9.00737307	8.46431799	8.51159878	8.5388932	8.45012368
7.46980868	6.92775689	6.62167664	6.98746435	7.05435034	7.52090107	7.90912917	8.1642892
6.66946827	6.68213721	6.92854065	6.88990865	7.1538256	7.08896144	7.64785572	6.96759826
1.28281394	1.23044795	1.00695553	0.88694879	1.54919495	1.47483312	1.15573154	1.15122488
3.75856714	5.2755724	4.37166591	4.30772403	4.21328224	4.4124882	4.5212541	4.75162074
2.65168705	2.81786323	2.72075502	2.71817762	2.78731367	2.8239793	2.94990058	2.85509891
0.43670057	0.41516346	0.39359389	0.36083644	0.34734376	0.3250843	0.30974553	0.30721669
0.03944364	0.04640953	0.03872013	0.01943162	0.02108126	0.02101412	0.02118445	0.02126082
0.19929496	0.17989792	0.13411573	0.10105334	0.17951478	0.1724689	0.25679379	0.1872809
1.68540086	1.81605956	1.97110231	2.21747381	2.4514104	2.74863952	3.05672504	3.07882734
2.33213115	2.15365624	1.55490847	1.03654983	0.63181387	0.52831246	0.46165434	0.50157345
12.4034124	10.2218043	7.25241466	6.69315366	8.25311948	8.17656925	7.29775609	7.23371615
0.00229998	0.00229723	0.00230323	0.00230347	0.00229374	0.0022853	0.00227147	0.00224443
0.94292167	0.99756835	1.04707823	1.05981011	1.47307572	1.21229974	1.37648164	1.48061377
10.3678678	10.514643	10.7308412	10.4058489	11.4488839	11.0094676	11.8185638	11.7790331
1.79435302	1.81145409	1.88417118	1.91376189	1.88932724	1.89656088	1.92625143	1.95777955
2.87746199	2.78111562	2.85142708	2.90401613	2.84230481	3.04975204	3.27344667	3.38631299
6.43247284	6.85424046	7.15506929	7.57507837	7.95635715	8.32348216	8.68289058	9.29743427
0.08184375	0.08396285	0.07519216	0.07632653	0.07321822	0.09812866	0.11385861	0.10359659
0.04760551	0.04680086	0.04607223	0.04492775	0.03923677	0.04923042	0.05209673	0.05308343
15.2638758	14.3999985	12.6100266	11.0293492	9.15825304	9.08810403	7.83348798	7.59119155
1.26633773	1.4235013	1.5530213	1.45759768	1.3592529	1.47740179	1.7194441	1.73272388
19.7355187	19.3713395	19.4877774	19.7513764	19.8600585	19.8437299	20.1883969	20.9444164
6.24818177	6.11511131	5.47480847	5.35384167	4.99917259	4.52521643	4.58751931	4.51076561
0.27132252	0.25888075	0.31304816	0.25349293	0.46659807	0.51024491	0.45497195	0.54960146
5.16457001	5.18313356	5.1070055	5.18228554	5.6407758	5.40462027	5.89174111	5.7909031
1.11012743	1.08395928	1.06572914	1.01794948	1.01709002	0.97947142	1.24455929	1.24894246
0.3016216	0.29734558	0.30497889	0.35006433	0.40395329	0.45676207	0.50643182	0.57596057
0.69872428	0.63368851	0.34476362	0.33946702	0.33955169	0.30097087	0.2980167	0.30142364

0.75907151	0.78150281	0.75688868	0.85395512	0.8693529	0.78263223	0.78636016	0.80562341
0.58947096	0.70308578	0.72003871	0.61911843	0.68233177	0.72814803	0.71892162	0.74884775
8.36596823	7.96427799	7.61290018	7.48873605	7.48619778	7.72661375	7.84102578	8.04511052
0.37722083	0.38051524	0.37115975	0.32813074	0.26825173	0.257903	0.21105721	0.2584526
1.70956834	1.83385787	1.79738898	1.62043881	1.48858521	1.43688954	1.36455147	1.26015808
9.06644166	8.9162111	8.5498857	8.37066205	8.32503658	8.42950767	8.65437835	8.47940934
4.25546489	4.21034992	4.12671719	4.08158661	4.06305612	4.11809119	4.14149323	4.1627557

1998	1999	2000	2001	2002	2003	2004	2005
4.02069423	3.99429527	2.95614943	2.92217237	3.12197765	3.52439159	3.5335174	3.84720163
0.07529775	0.07088959	0.05056582	0.04505678	0.04286942	0.04370122	0.0370201	0.05051057
1.09882073	1.13051258	1.004319	0.95342502	0.90569639	0.95199975	0.93769438	0.79983895
1.18165302	1.09019737	1.40447663	1.40050801	0.93015164	1.17493559	1.09323805	1.08243034
0.61688866	0.99069434	1.03541395	1.101485	1.28448863	1.35364951	1.4249191	1.34726662
40.0298116	40.544419	42.9032619	43.4175235	42.0479631	42.4400746	43.9791959	45.6965693
30.4700031	29.8352327	28.0376838	30.4444968	29.5157139	29.0811309	28.1364073	26.7409694
3.80799705	3.81844293	3.69052439	3.50525202	3.27413559	3.53031723	3.86619801	3.92586003
1.11706737	1.00491515	1.16289549	1.19099417	1.02222756	1.1500654	1.25275172	1.49684349
2.47442843	2.44624937	1.61975049	1.55593925	1.73549483	1.87050576	1.87987254	1.9275142
18.3288903	18.4537115	18.5604426	18.7045255	18.9277084	18.6888849	19.1464986	18.9775968
8.46799188	8.22562263	8.26476724	8.81429988	9.00077239	9.5605431	9.68807972	9.7423562
3.42643275	3.40106303	3.54491233	3.38124068	3.32079766	3.56105904	3.49169331	3.65623571
0.04635727	0.04703533	0.04604763	0.03574868	0.0328455	0.02638267	0.03041811	0.02477436
12.4451017	11.9974923	12.1542152	12.2040909	11.4321828	11.8410251	11.6393039	11.2966602
0.20314238	0.21613072	0.22501439	0.26233129	0.29361138	0.31901419	0.33002656	0.35088641
0.07030554	0.07068106	0.07570394	0.08485775	0.08752828	0.09447765	0.08189626	0.0847776
0.19358072	0.20250016	0.20499802	0.243308	0.25139033	0.25883403	0.26822927	0.28149245
6.98671202	6.21288202	6.02350839	6.35797128	6.05059501	6.85046262	6.64589181	6.83103897
28.0828042	27.2186241	26.7395087	26.3817159	26.1538117	25.5499895	24.0051629	26.2831801
4.97163351	4.41437625	3.3461477	3.27257133	3.51367848	2.56245007	2.70851136	2.61239096
2.94626916	2.89729001	3.7911598	3.73767206	3.92690139	4.01870769	4.23975905	4.45426187
6.01065465	5.82355257	5.66338885	5.56933556	5.62742008	5.73197485	6.11619558	6.23778799
0.81393656	0.8191223	0.55924686	0.55154304	0.5358062	0.55068138	0.49252715	0.52884371
3.37862934	3.40903915	2.34811969	2.31009851	2.56121202	2.63528763	2.65738291	2.8548752
1.26727955	1.08441919	0.98335387	0.93354434	0.97800007	1.02307926	1.05323362	1.08809603
1.93068183	1.94430989	1.9932748	1.97643211	1.95064123	1.89859538	1.97706064	1.97511746
2.5812933	2.69337278	2.18103986	2.08949104	2.23486612	2.3441383	2.31367401	2.35953466
17.9905377	18.4136918	18.2289457	17.2339438	16.0230326	18.2593006	17.4364607	16.4555189
0.73382497	0.72221755	0.71020307	0.7373072	0.77677196	0.77001206	0.7512648	0.78958972
2.29223763	2.37247392	2.37177633	2.25384442	2.34550037	2.29167375	2.2155744	2.36565368
0.06116612	0.06159834	0.06883316	0.07085735	0.07104866	0.06586247	0.0631712	0.06125881
17.0256528	17.186477	17.6681517	17.2220749	17.6888574	18.1385967	17.5192416	17.9972665
6.37275587	6.38893193	6.25063813	6.41753365	6.15660839	6.29297841	6.3192858	6.35085068
3.68466216	3.80647616	3.52829399	3.34459716	3.34060036	3.42538742	3.6618562	3.66233695
2.77891097	2.70335036	2.85766135	2.97832252	3.19607127	3.66739472	4.20144207	4.74020164
0.3440191	0.4476667	0.41752805	0.41002418	0.42537779	0.32887618	0.33313456	0.34878719
0.38138284	0.35815401	0.37486299	0.3636811	0.34921629	0.34719532	0.33223269	0.31392653
0.05698799	0.05144489	0.03985694	0.03768938	0.03839833	0.0451095	0.041749	0.04533445
1.32077068	1.32916429	1.39861336	1.32652772	0.83912618	1.01816684	1.00387378	1.16457202
2.59496598	2.61848612	3.36169975	3.35201689	1.81781388	1.60551547	2.54190492	4.11350312
1.73717612	1.49329309	1.54871209	1.51754397	1.4375748	1.40586347	1.3876336	1.41042468
0.10260658	0.10297788	0.16752887	0.17350225	0.17521398	0.22183755	0.23463781	0.22207754
0.22334777	0.22516421	0.64944168	0.72746455	0.79451887	0.78289581	0.83251358	1.28109413
1.3725582	1.34106234	1.30424859	1.38120532	1.38662989	1.46785325	1.47295006	1.49554394
2.51790728	2.57769894	2.60000228	2.48687911	2.36779013	2.29388069	2.24670279	2.32546943
3.67671781	3.53161229	3.15363036	3.00547429	3.1870437	3.26358112	2.94423894	3.01268168
7.27986412	7.42554986	7.5609119	7.28694002	7.34395372	7.8940249	7.70806131	7.69244603
12.3953827	11.6151564	12.8589221	12.873084	12.4261213	12.7608657	12.8450323	12.5794123
11.1283401	10.6898199	10.6977446	10.8641645	10.6640286	10.7517925	10.5698752	10.310848

1.68161073	1.68364253	1.03101548	1.02392049	1.04315508	1.08110714	1.02648288	0.96393683
0.51289236	0.88537466	0.79546246	0.80097753	0.72619783	0.82207712	0.8734184	0.85642378
11.3688194	10.7637308	9.95205924	10.2190419	10.1018727	11.0830574	10.0206265	9.34581105
2.02369759	2.15938166	2.21990264	2.20077608	2.37925469	2.09549081	1.91381054	2.03367015
2.6845899	2.76128412	2.81994172	2.71650188	2.80306611	2.97814871	2.94299546	3.04601541
2.01471505	1.7498841	1.74545825	1.89134439	1.85862512	1.86889079	1.94130855	2.05580759
1.78278872	1.88561334	1.8297473	1.98238066	1.99693206	1.9984664	2.12801119	2.32336047
0.19831193	0.20569219	0.19755089	0.21026048	0.20072207	0.18736121	0.18590404	0.15222477
0.67228178	0.66715547	0.81285925	0.76889958	0.71094782	0.67527817	0.63158105	0.59326885
6.82803067	7.32866713	7.65798455	7.58394708	7.8914057	7.96493284	8.19904077	8.41066993
13.2348897	12.209109	12.4196846	12.7605475	12.2936709	13.8614582	14.2291154	14.2939512
0.05639774	0.05407798	0.05825262	0.06989085	0.06980193	0.07250057	0.07678612	0.07130973
11.5291059	11.378531	11.0882275	12.2241527	12.6063636	14.1742417	13.4389333	11.0746692
1.50715459	1.60272972	1.80047584	1.94303155	1.60307573	1.86262237	2.4177387	2.10557803
2.59053642	2.55128657	2.49770744	2.66713926	3.07846788	3.4799047	3.69676803	3.79712895
6.95302748	6.81373574	6.73080468	6.76572707	6.64026472	6.68607599	6.66677879	6.66568108
0.03610196	0.03639089	0.0371717	0.03768089	0.03813058	0.03857909	0.03926781	0.03980822
5.91088962	5.48813116	5.36385384	5.34010762	4.99980489	5.52797351	4.85620966	4.55491883
9.34503403	9.25530419	9.35830751	9.51673936	9.21508159	9.40626253	9.3670582	9.2777899
1.13684987	1.02405542	1.10377491	0.83017279	0.77672123	0.86368412	0.95052409	1.10952312
0.34761694	0.3703146	0.32134557	0.33844622	0.38904333	0.35600327	0.32404638	0.33365995
10.1678382	10.5079409	10.9435967	11.1550558	11.2934851	11.4283305	12.3452771	12.6626883
0.11196912	0.11382099	0.16699855	0.17458071	0.18483244	0.19169355	0.19275944	0.18119226
1.89770119	1.89628789	1.45306481	1.50190995	1.55893168	1.60401344	1.53192599	1.55027726
0.1444459	0.14447356	0.21771394	0.23306753	0.23461741	0.23085785	0.23307127	0.22937159
0.18364346	0.18587509	0.16304822	0.1657951	0.17162395	0.19855981	0.19965793	0.19960835
4.15442982	4.36109279	4.46772448	5.62803919	4.82023242	5.16918067	8.66406368	8.44517563
8.03628078	8.01543913	8.62086863	8.77198365	8.74347793	9.05686104	9.01254412	9.16932905
0.78128902	0.79045841	0.56397638	0.57182967	0.61953997	0.67937957	0.6452821	0.69123855
0.02304041	0.02337198	0.02384344	0.02424608	0.02456474	0.0249361	10.7780245	10.8731354
0.78168947	0.76106659	0.83131235	0.85322186	0.87583269	0.85167266	0.84797711	0.89889087
2.6303986	2.56533513	1.06804002	1.03114379	0.92542725	1.10498932	1.0228191	0.98075698
2.30802319	2.30061031	2.20637849	2.18751789	2.15955583	2.15420332	2.22640321	1.97537236
6.57612768	6.92141953	6.28798474	6.22655325	6.05833492	6.5634892	5.99058328	6.29860649
0.76942447	0.75957274	0.76567003	0.87934481	0.90565973	0.97816354	1.0863749	0.96175435
4.23534034	4.46936413	4.37540827	4.65966446	4.85825883	5.18239026	5.18397587	5.21884458
0.18553592	0.19068179	0.19822224	0.19874889	0.22083806	0.21577515	0.19632125	0.19740014
6.05231617	6.1096932	5.81910863	5.98407137	5.89830358	6.17939563	6.01166483	6.06797728
1.35263439	1.41541133	1.41388058	1.4898526	1.49403615	1.60347641	1.61064777	1.59941218
0.88646858	0.92952529	0.9454941	0.9443057	0.9633607	0.97631403	1.03612039	1.06329226
10.6078743	10.858736	11.3861195	11.7784511	11.3117522	10.9771664	10.8948328	11.1728184
4.80501837	5.16189776	5.35186882	5.48694109	5.65307166	5.89404002	6.24793611	6.65960366
4.24813212	3.24772645	3.76867953	4.15031815	3.81131561	3.23430642	3.43209121	3.22993509
9.84307327	9.86937794	10.1772486	10.4591286	10.9704449	10.7700678	10.91296	10.6056405
6.10534424	6.0989562	6.42012686	6.27933659	6.50080166	6.56616296	6.42799202	6.08839539
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3.7842334	3.85014046	3.84377068	3.83883018	3.79337758	3.88220546	3.87614415	3.86694675
3.01054316	2.9637852	3.22650929	3.17851973	3.25419163	3.27024224	3.4360224	3.55549807
9.35885949	9.66519649	9.79195161	9.67102614	9.92493911	9.96901067	9.91610989	9.99733239
9.22358487	8.54883446	8.78099631	8.67496196	9.63406685	10.6450547	11.3448426	12.0703286
0.26136249	0.26097628	0.28314557	0.25527254	0.24109382	0.21181228	0.22951731	0.25032395

1.2862164	1.01085163	0.97501074	0.81220793	1.00954388	1.12918555	1.11364357	1.10593278
0.17190398	0.16342951	0.16465273	0.17634803	0.1778824	0.18809729	0.18518102	0.20352675
0.23833454	0.23423658	0.38931924	0.34412645	0.50067363	0.50319647	0.51276455	0.66738517
0.92218505	0.92367824	1.09128969	1.0971255	1.23331134	1.26710957	1.35832315	1.24784237
8.35187155	9.02488542	10.006224	10.1124335	10.2337886	10.2661718	10.6334578	10.5812213
25.2275379	25.4917182	26.5646873	27.2619885	28.0255031	29.1245669	30.4488614	33.1319382
0.10703686	0.1020088	0.17534886	0.19005322	0.21000349	0.21507376	0.22207605	0.22637264
5.28061398	5.36789814	4.73098836	4.9158108	4.67345866	4.4492321	4.31973847	4.15712554
0.11339922	0.10975382	0.13951544	0.15296428	0.15120245	0.16052722	0.17156135	0.20909289
8.93374184	9.05415668	9.20205015	8.96008517	9.02673442	9.57755989	9.33024135	9.96469377
0.56362277	0.56367768	0.61471948	0.65223294	0.60856209	0.70314384	0.67553618	0.70328407
0.48856716	0.53704465	0.61041963	0.60129163	0.62420224	0.66911647	0.68534425	0.73897245
0.06913911	0.07042982	0.18928658	0.19236783	0.20142375	0.2026956	0.21037393	0.20947704
4.47912541	3.77734584	3.32850554	3.56703392	3.6199374	3.65853282	3.86402768	4.17336164
18.3315676	18.9352518	20.1802551	21.2043262	22.6088764	23.3704965	26.2940915	26.4592077
3.46290263	3.26628122	3.03241718	3.250616	3.28594559	3.43236037	3.49155629	3.56525179
4.02712796	4.16528505	3.45358775	3.60852395	3.86249331	3.8154733	4.31467321	4.24177376
1.10717591	1.15169676	1.16315474	1.26727472	1.29645048	1.27628136	1.41860103	1.46272472
2.06558212	1.76352093	1.64063671	1.71509901	1.74936535	1.88602213	1.89338713	2.00313866
0.11239154	0.11172945	0.10744504	0.10517934	0.06954902	0.08967022	0.09413396	0.09751028
1.29152955	1.26644958	2.26769818	1.95873162	2.31377859	1.91072658	2.3800207	2.14738
3.88557043	3.7194951	3.90005745	3.83013133	3.84196871	3.98231686	4.02293265	4.12354468
5.05308364	4.62670494	4.44128466	4.51390054	4.24114555	4.59808222	4.47287821	4.69010844
0.03943276	0.03949921	0.07316324	0.07333272	0.07459379	0.07411932	0.07373739	0.07390055
6.10249264	6.13903651	5.38179411	6.25017846	5.79139759	6.48150436	6.43622277	6.47689791
0.18739211	0.20299672	0.21783834	0.18817032	0.18760161	0.23007875	0.22111859	0.23184786
3.64927131	3.64193468	3.77146259	3.72438573	3.95227147	3.79151362	3.83564381	4.4049869
0.07564264	0.07334983	0.08694201	0.1020181	0.10382294	0.12808244	0.13686289	0.12739574
0.95769548	0.94604342	0.39372033	0.41696734	0.44990388	0.45737888	0.4883769	0.49185687
2.25277322	2.25314347	1.73771551	1.72568723	1.81686068	1.84311905	1.80539682	1.80241905
1.5461946	1.87859942	2.06098045	2.16330343	2.1936883	2.2833259	2.29011962	2.43726808
0.2491662	0.24781475	0.27282691	0.27039086	0.26027741	0.25548228	0.24822211	0.27367975
5.00451118	5.28305864	5.64055424	5.84025324	6.05630839	6.34200984	6.73806865	7.05985836
1.15212011	1.06826786	1.0259361	1.27525323	1.08952096	1.15496571	1.21034722	1.27539554
8.65435989	8.06898364	10.2180826	10.0781104	10.9861411	11.658229	10.2131483	11.1893208
0.06601037	0.06239027	0.06179323	0.06000666	0.06009472	0.06295161	0.06344058	0.05865356
0.7848132	0.75404081	0.81980326	0.85058655	0.75255896	0.8159765	0.76820161	0.74170815
0.73658194	0.73104923	0.74916765	0.78215875	0.79792397	0.86259396	0.87344838	0.81793493
11.4898416	11.1275745	11.1084012	11.3322634	11.2910636	11.3786458	11.4694939	11.1320312
10.1410627	10.4422522	9.28332902	9.34810723	9.14719946	9.7251425	9.76250146	9.34997706
0.11220023	0.143143	0.14402586	0.15126842	0.12147488	0.13578797	0.11563802	0.12775442
8.02177333	8.36072973	8.52329235	8.9083666	8.80875764	8.90956481	8.68360341	8.73121765
9.83536748	11.1840062	11.6037367	12.4115696	13.0456734	13.4922209	12.998208	13.1576935
0.75641699	0.80910642	0.80756428	0.80471206	0.78330996	0.79530031	0.87153714	0.86993426
1.96312662	1.68427215	1.71237643	2.00749433	1.71724662	1.70716813	1.6840342	2.1315343
1.08225272	1.14675727	1.11843228	1.02569864	1.05628651	1.02272914	1.16660209	1.15303487
1.01173761	0.96910416	0.95197424	0.89967255	0.89636691	0.90032917	0.89358981	0.91411032
123.016213	128.179974	110.662879	121.807705	73.7759095	87.2136722	76.8446308	87.1688214
0.62767474	0.50027352	0.52859602	0.62690452	0.70053935	0.75347642	0.78204361	0.8281391
8.66375097	8.4187716	8.11967972	8.04043599	7.8603901	8.20247604	8.26843381	8.2652724
6.1513405	6.64137308	6.63264415	6.54310705	5.30649939	6.90053459	6.93328156	6.98790705

2.78953438	3.01629226	3.21889359	3.31461556	3.14710674	3.18550683	3.22487057	3.33570776
5.66425755	6.2935905	6.2202835	6.12175449	6.50135846	6.00380207	6.14734461	6.43458059
0.86619124	0.84912284	0.68620901	0.6982749	0.71746159	0.72722693	0.72327439	0.65615531
3.34834697	3.28157372	3.02835655	3.48490008	3.62876976	3.75791444	3.5067435	3.69143568
54.5767181	57.1292626	53.6106821	52.5693139	56.0664994	55.5759139	54.2511755	50.3652724
2.67788048	2.70320742	2.78290732	2.76578529	2.8796501	2.92235813	3.15683364	2.99717065
4.85290122	4.18153338	4.40243703	4.74900914	4.7312208	4.95928737	4.88961662	4.87531881
10.9315624	11.3048269	11.4834589	11.5506809	11.5381424	12.0153396	12.0715734	12.1104475
0.07039987	0.06762574	0.0847747	0.0835038	0.09587116	0.0816009	0.07784561	0.08248313
12.5487148	12.5312554	12.7736966	12.945567	13.4079946	13.6689903	14.077944	14.4894091
5.77630091	4.14361966	5.01368004	5.42726786	5.81884589	6.24567305	6.74191727	6.26413687
0.15501002	0.16676688	0.17878956	0.18975684	0.22538001	0.22506889	0.24437147	0.28164631
0.38939256	0.41951905	0.40366062	0.44530879	0.45033317	0.42577315	0.47249023	0.51090119
11.0063238	10.8442066	11.6299976	11.4230152	10.9452574	9.98813742	10.1882408	9.29216552
0.73261169	0.78925382	2.1967093	1.5120067	1.57234577	1.7430302	2.06422899	2.27379917
0.47241878	0.45950272	0.57153098	0.61089935	0.62332488	0.62229709	0.62506337	0.63604207
0.15026938	0.1514955	0.09522173	0.11524636	0.1163462	0.11778544	0.11253555	0.10037534
1.01527092	0.99965022	0.98800833	1.0215986	1.01950603	1.10165939	1.13768511	1.16612256
0.0496608	0.04938753	0.06996334	0.070893	0.0767773	0.07588437	0.07332871	0.07255201
3.70876872	3.7600776	2.79533572	2.73392946	3.14770876	3.69766121	3.49271905	3.70265219
0.41959944	0.42426954	0.39776996	0.39134423	0.44202117	0.48787226	0.54328452	0.57428831
2.82171293	2.73091591	3.13303225	3.18222932	2.3141385	2.52758227	2.82294999	3.38391743
8.27776125	8.12987349	7.71993701	7.77201189	7.76036638	7.84671116	7.74251679	7.82003666
8.06992119	7.76397023	7.56217902	8.4974044	8.65372254	8.57432676	8.73676658	8.83450045
7.10222776	6.95174654	6.52832644	6.52481011	6.65713883	6.66439613	6.45827738	6.0331362
1.1480897	1.20954663	1.03346701	1.03597716	1.00069647	0.92299516	0.90692844	0.89492627
4.79712717	4.88710838	9.3759586	10.0877861	8.95594628	8.83240008	12.1273059	10.8776566
2.94915027	2.82255913	2.79696925	2.7442235	2.68181832	2.64022447	2.6973179	3.21449777
0.33400708	0.32423915	0.93970406	0.91122006	1.1896139	1.18140958	1.11763315	1.27005855
0.02084871	0.02059521	0.02903107	0.0279099	0.02912439	0.04228147	0.04689387	0.04779581
0.22360269	0.28054126	0.25164602	0.22027126	0.22823571	0.26652803	0.2488629	0.23067116
2.71127843	2.80103346	2.77677811	2.8876663	3.04380763	3.14265648	3.40097622	3.50286358
0.53393913	0.48989799	0.44794253	0.4333329	0.42732431	0.42819096	0.49933225	0.46554764
7.38809133	8.63399503	8.71084521	8.82699425	9.37514673	10.3424058	10.9119049	11.1254513
0.07471722	0.18942187	0.26195575	0.13939168	0.11459576	0.27466984	0.51752207	0.34057852
1.54214118	1.53442326	1.03058217	0.97347097	1.06815967	1.25748513	1.11340513	1.19916023
14.2199547	14.5887048	15.0895858	17.0787211	18.387541	21.138153	22.3253575	27.0020206
2.01902135	2.09950424	2.17846952	2.2492818	2.20755085	2.16946759	2.27737138	2.3207788
3.35881605	3.28418464	3.59022758	3.22038576	3.33675606	3.47550946	3.51998074	3.62385057
9.71691572	10.1141056	10.8980789	11.099379	11.3452621	11.7390125	12.1238902	12.4139822
0.0878474	0.08004581	0.09105404	0.09360117	0.10356728	0.10647088	0.14231254	0.15662967
0.06013617	0.05997267	0.05874218	0.05778229	0.0636496	0.06495923	0.06567287	0.07776915
7.30747808	7.37038797	7.37144408	7.41822268	7.49582908	8.23907161	7.78984492	7.59338023
1.79204243	2.08001677	1.67606809	1.50660844	1.38313351	1.37929733	1.72833166	1.67117266
20.8502105	20.6629045	21.0259873	20.6347828	19.9193583	19.9742561	20.1004778	19.9515751
5.08456739	5.03968325	5.25845019	5.23799828	5.33549516	4.96106774	5.01875267	4.7009603
0.61474891	0.62301262	0.3855682	0.44696924	0.51233661	0.55203323	0.59045458	0.60634414
5.7517395	5.49067933	5.62495845	5.74301028	5.82848655	5.52794068	5.68616905	5.82191122
1.25256958	1.23666516	1.34151944	1.31110754	1.43638573	1.56344515	1.57445061	1.60897145
0.63565978	0.64346292	0.70395517	0.76498263	0.89139866	0.93797984	1.10013695	1.19215604
0.30479602	0.2992706	0.45914883	0.52265554	0.50190941	0.56362427	0.42788466	0.42578002

0.82527806	0.82132289	1.07890891	1.15958482	1.19097959	1.20588657	1.17783633	1.2104568
0.7743236	0.84816633	0.88081	0.91187867	0.88881164	1.00374011	1.02110467	1.06990808
8.05154672	7.56284179	7.59480016	7.70514441	7.88467577	8.26026281	8.82454283	8.93637576
0.23540668	0.18820494	0.18517913	0.18156532	0.18578059	0.19592087	0.19608247	0.20496218
1.25866426	1.39678757	1.19416453	1.17450268	1.06043765	0.85934783	0.8054845	0.8838
8.45351635	8.2914128	8.31775196	8.42006494	8.36842685	8.57138413	8.55691341	8.47747733
4.13477447	4.11182216	4.18746297	4.18384928	4.19540452	4.33508881	4.48142705	4.59361706

2006	2007	2008	2009	2010	2011	2012	2013
4.20190544	4.52018129	4.4793301	4.85684808	4.74290987	2.84343114	3.65440034	3.99572917
0.05438771	0.07549984	0.14044782	0.21720904	0.27041763	0.3840205	0.31819903	0.26156877
0.8054449	0.81227078	0.87867453	0.935225	0.97307517	0.97652375	0.98485737	1.09754175
0.99442736	0.94096829	1.14430175	1.48769994	1.74482418	1.86569472	1.84328248	1.95547027
1.3537112	1.40360521	1.40210591	1.44283391	1.54966978	1.70440383	1.55232563	1.63390302
43.8314658	46.2003475	44.3648364	40.8421941	29.0502634	36.6799504	36.6510242	33.1906559
24.2649589	22.6906855	23.8243712	21.5664573	20.790761	20.439883	20.7878116	21.6430672
4.11077326	4.33212901	4.44037359	4.04208331	4.30343148	4.43802781	4.4864749	4.54255228
1.50260905	1.75721836	1.94216655	1.55848676	1.49404399	1.70530607	1.96716168	1.89818218
2.16867358	2.3453528	2.49495902	2.84503079	2.94198597	2.21668765	2.33606734	2.65098137
18.9636844	19.1278478	18.9427256	18.8720465	18.7735642	18.3635796	18.110722	17.5222483
9.44724472	9.07605602	9.02288243	8.13094382	8.77481798	8.53379211	8.10410653	8.11546575
3.70088092	3.31496913	3.65346892	3.13547033	2.94889939	3.22189732	3.4841708	3.53865297
0.03026975	0.04683869	0.02696066	0.02624355	0.03663613	0.04631987	0.04335827	0.04759698
10.9412089	10.565109	10.6113342	9.88958208	10.5110342	9.49528632	9.30088258	9.36398666
0.46953329	0.52004232	0.50179485	0.52343886	0.552133	0.52414152	0.48545363	0.49668953
0.08378812	0.11432501	0.12977832	0.12187794	0.12620493	0.13893974	0.15767881	0.18018387
0.29911834	0.31403654	0.34485764	0.36632314	0.39931356	0.42421289	0.44858944	0.45733589
7.08636824	7.61692571	7.26476349	6.24115629	6.68607667	7.44711806	6.82796937	6.11754634
26.5531934	24.9562345	24.8243264	23.3374459	23.2381276	22.6896723	23.239409	24.4264803
3.26049444	3.83645773	3.90416199	3.1909516	3.55547661	2.32987743	2.73335981	2.89206233
4.94467104	5.2259671	5.7524315	5.78069482	5.96849628	6.8491529	6.38901101	6.43848981
6.52324471	6.4019961	6.81171475	6.49607194	6.97954333	6.6497987	6.78506551	6.79692282
0.59714535	0.56171773	0.5283588	0.62392703	0.72297615	0.45289248	0.48174394	0.59421069
3.55933819	4.2696456	4.31385772	3.80456559	4.83047502	2.4110107	2.81138496	3.15110032
1.16046843	1.26958877	1.33686374	1.39855226	1.49002851	1.59546704	1.66281246	1.73869447
1.97680154	2.05754984	2.13857611	1.97777931	2.23464602	2.33282149	2.48165425	2.58490485
2.5409572	2.43230528	2.85581094	2.86776817	2.93431996	2.42072212	2.28515118	2.58692467
23.2688564	21.8325392	23.4873994	20.8998772	18.9865416	19.9512464	19.0676572	19.1980633
0.8099931	0.81333118	0.80338937	1.10301045	1.23115325	1.48555973	1.39206561	1.43746972
2.20149452	2.31006348	2.31658587	2.08227625	1.67453915	1.95214569	1.68109315	2.58969806
0.0643424	0.06260369	0.04633729	0.04451526	0.04514038	0.04901233	0.04988637	0.03348046
17.5687633	17.9897643	17.200153	16.0345482	16.4361905	16.6738508	16.2538417	16.31647
6.23262622	5.90548065	6.01846912	5.77135841	5.91613872	5.33371804	5.4296329	5.48612396
3.69815343	4.10781695	4.28023661	4.05350716	4.25550073	4.60944244	4.69912116	4.89045584
5.23013426	5.651921	5.78943068	6.17557162	6.71741513	7.30136635	7.48829623	7.80461127
0.33576525	0.32667287	0.35482869	0.32158464	0.35854726	0.3387537	0.42113543	0.44618286
0.31138578	0.36605712	0.37372867	0.39682333	0.39178626	0.361841	0.35606318	0.37745859
0.04511473	0.04823843	0.04789255	0.04501353	0.04563284	0.05048152	0.04371208	0.05880327
1.25370239	1.07243063	1.07685632	1.15565512	1.20613668	1.07488003	0.96658828	1.14455237
4.26165287	3.68412464	3.83411725	3.48189027	4.45567772	5.10778944	5.45081256	5.83032699
1.32691347	1.36013454	1.3428738	1.40393237	1.43241464	1.52551625	1.51595837	1.70941141
0.26063493	0.16654082	0.16289971	0.19759005	0.22710604	0.2011083	0.20367937	0.23849609
1.3877398	1.53673903	1.48201705	1.42890342	1.49980665	1.73179315	1.47593705	1.42528532
1.60184226	1.76215862	1.72367636	1.63240123	1.59405762	1.67501843	1.64258159	1.68816969
2.37330634	2.44991553	2.36493619	2.38205524	2.48890811	2.44540395	2.54205111	2.54936956
3.27518089	3.97800499	4.19952723	4.1810478	4.44256038	3.51734559	3.31007971	3.70138569
7.66187284	7.81065369	7.85312715	7.5464051	7.11250937	6.80601921	6.27349802	5.62941407
12.6996705	12.7773322	12.0987348	11.4150561	11.4830731	11.1757282	10.7703139	10.3380007
10.4960909	10.1665462	10.2347574	9.49234074	10.0794907	9.74309566	9.87421085	10.0692471



0.91767086	0.92503459	0.98495452	0.87272903	0.95818435	0.73091905	0.91609727	0.98851082
0.90693088	1.08226371	1.03491673	1.05339097	1.08239251	0.83029452	0.75405074	0.82782997
10.76757	9.85082185	9.20986182	8.765673	8.74131693	7.78946074	6.87835057	7.15509326
2.1955104	2.18302165	2.14958198	2.03061647	2.11363362	2.10632714	2.15438784	2.08890794
3.12337483	3.17526981	3.26162066	3.27316655	3.28412347	3.38936266	3.73371277	3.80043198
2.16446166	2.17096371	2.20605925	2.36020801	2.50250418	2.48707274	2.45937463	2.57632238
2.41650424	2.53908218	2.49543529	2.55059629	2.51755928	2.55341458	2.6526886	2.54699329
0.13361364	0.12761801	0.10939742	0.11156392	0.11768229	0.13779945	0.13906023	0.12761537
0.57482407	0.55400285	0.54949061	0.53917584	0.52668778	0.48990469	0.48305225	0.47160677
8.08311859	8.25412497	7.45890167	6.53617337	6.22465966	6.24957164	6.1334408	5.58054009
13.8708924	16.5626705	15.029778	12.5849791	16.1834361	16.3149656	15.4903257	17.3389077
0.07346635	0.07837588	0.08249165	0.0808485	0.07840711	0.08838913	0.09721284	0.11004821
13.235228	12.8471756	11.2452682	10.6829909	12.2708074	10.802465	9.66567443	9.80889532
2.24833139	2.06461808	1.53109741	1.24761536	1.97204822	1.43561798	1.37872576	1.56013888
4.85716996	5.11140891	5.42019073	6.0130202	5.9887882	4.43367667	4.70353311	5.3675096
6.45246291	6.29870408	6.14481831	5.90828941	5.99364761	5.75139186	5.75328964	5.647575
0.0400045	0.04010656	0.04029713	0.04050176	0.04070224	0.04088745	0.04106932	0.04100884
3.949574	3.47500853	3.59184186	3.43360943	3.63204136	3.42880331	3.35215041	3.34383053
9.20610276	8.95923387	8.59826879	7.70633556	7.9079735	7.19328857	7.48930286	7.27357404
1.27968462	1.50202877	1.308529	1.50886063	1.48697299	1.81781721	2.0135924	2.26053758
0.39439298	0.40578117	0.37540486	0.42031632	0.45888094	0.48291331	0.56892733	0.59071376
13.1627251	12.9817065	13.1772982	14.3193011	14.3136124	13.7537841	13.9442913	14.7780799
0.18970473	0.19171045	0.20054777	0.20776092	0.23359273	0.24252155	0.2254972	0.19911889
1.72266506	1.841231	1.85514783	1.98780777	2.25376149	2.46188543	2.45792096	2.46627209
0.24849715	0.2506998	0.2469667	0.26537308	0.2616295	0.26779117	0.24986001	0.24301053
0.20664295	0.21209107	0.19777193	0.20426417	0.20261902	0.20128597	0.19820603	0.19849945
8.06134491	8.60505441	7.60776349	6.02550006	6.00975594	5.98818498	5.38719692	5.28103326
9.029032	9.31369399	8.91715662	8.40753148	7.78367253	7.54067913	7.16681722	6.52450316
0.7861088	0.87119606	0.94916098	1.01711137	1.13429408	0.87423113	0.90038598	1.15631279
11.1438064	10.9856828	11.3375178	9.84973767	11.4892405	12.2348856	9.66632962	9.6971139
0.88941164	0.92705502	0.82597472	0.85198217	0.8049518	0.81251796	0.82389154	0.86785665
0.92597868	1.04517879	1.07603162	1.42845737	1.40342642	1.48707599	1.46450131	1.40406996
1.78039324	2.14881984	2.15126864	2.18455033	2.35904319	2.44743994	2.65920378	2.60842901
6.18510464	6.44078027	6.21446456	6.46480177	6.01087143	6.39447949	6.28263275	6.46084076
1.079691	1.12366171	1.09993583	1.01622463	0.97341085	1.1356083	1.16648677	1.1200596
5.27015163	5.61716321	5.35780776	4.99204802	4.83780442	4.74159766	4.37221573	4.29638168
0.1967058	0.22844954	0.22282429	0.21542325	0.25978389	0.29013433	0.26801301	0.28536697
6.03297594	5.89918162	5.78760454	5.19022815	5.27153602	5.1956328	4.82728384	4.55084397
1.66827899	1.72489525	1.68224193	1.71878659	1.82953245	2.03480571	2.02614003	1.88459902
1.11739884	1.19851552	1.2559922	1.35312966	1.4165079	1.48354114	1.60146689	1.62934155
11.0808512	10.6746319	10.3091117	9.01228831	8.84447191	7.96628286	8.03663221	7.75976332
7.10453448	7.47604769	7.61846455	7.77640705	7.73204928	7.75952685	7.74763475	7.90967472
3.06388163	2.76251376	3.11459767	3.23968608	3.62428232	3.6532098	4.05912091	4.26199767
10.8188299	11.3894777	12.1612368	12.111515	11.6669118	11.1453857	11.2000336	11.3487589
6.25514304	6.32629937	6.20012417	5.97897872	6.26773163	6.06234268	6.47502762	5.58661604
8.25883865	8.10473414	7.82148197	6.9449951	7.09930852	6.94290024	6.61028304	6.06856934
4.44953044	4.39708989	3.5262431	2.85823085	2.71921334	2.67498686	2.45667335	2.61207295
3.46211012	3.44629125	3.15775049	3.08789868	2.86635983	2.77409159	3.06952625	2.86459079
9.81289218	10.0871617	9.52897511	9.03351606	9.49385073	9.90891791	10.2105476	10.339639
13.3954383	13.8622718	16.2245699	14.2957268	15.2382345	16.118335	15.795545	16.6324499
0.2713075	0.26393434	0.27106802	0.31092746	0.32770119	0.32915537	0.29757826	0.31985001

1.0903743	1.2988991	1.48664819	1.31839353	1.21816749	1.43528837	1.86637163	1.70417689
0.22318752	0.27028067	0.29513708	0.34588563	0.36047633	0.36891802	0.38101835	0.37886079
0.70194337	0.63984806	0.69711893	0.5771464	0.59485282	0.54446522	0.5235949	0.5537215
1.40509413	1.5346395	1.59628227	1.7767892	1.91746922	1.49356454	1.51587166	1.70960943
10.6738874	10.8635502	11.0387603	11.1659804	12.0704887	12.6426508	12.6550399	12.5350802
32.8403471	30.4829857	30.8134509	29.62791	28.851231	28.1644607	26.7325705	25.8931603
0.29210055	0.30353677	0.34854351	0.42924328	0.47411377	0.49359438	0.51997241	0.60731203
3.97601544	3.65746748	4.45390693	5.15344511	4.76286468	4.57247386	4.76667977	4.37872148
0.21431043	0.19019014	0.15369841	0.13747236	0.20212185	0.21950899	0.23682315	0.21429352
9.77215367	9.00174649	9.43999978	9.84538234	10.3203423	7.14219423	10.1406183	10.1045629
0.77253281	0.82614	0.88266565	0.94165377	1.05478318	0.81066799	0.83306544	0.94769746
0.67068355	0.71286619	0.66696592	0.63640461	0.66920185	0.78299518	0.87604594	0.72273004
0.21289629	0.26976263	0.21924284	0.25438677	0.25718352	0.26609991	0.27969682	0.27807544
4.29605821	4.77452066	4.92383411	4.16800001	4.49422085	4.64888384	4.77020508	4.45777635
25.6511409	23.8909273	23.1134911	21.3785107	22.0781722	21.3292078	20.4130229	18.951704
3.83696021	4.05368669	3.90317465	3.61287576	4.19027924	3.93395587	3.88389609	3.81103485
4.12268379	3.82530147	3.10561257	3.2239606	3.20336437	3.07367378	3.09826327	3.15203499
1.46964821	1.47329124	1.56523376	1.52985983	1.60528687	1.71227944	1.75601423	1.72882893
1.95652284	1.94319022	1.92738587	1.90560805	2.08157246	2.09254413	2.04980273	1.83977449
0.09079964	0.09279119	0.0935097	0.08633134	0.09304731	0.10550483	0.12754817	0.13279178
2.55484756	2.61199961	2.77002763	2.77608433	2.89057351	3.05012045	3.73408088	4.07960277
4.21385606	4.21011199	4.15500129	3.99589882	4.0651839	4.08530506	4.18963966	4.03157147
4.67590304	5.01635623	4.90581839	4.40836932	4.4307937	4.94302838	4.63838525	4.23780283
0.08661182	0.09868198	0.11093856	0.13780595	0.13242803	0.14063123	0.14386748	0.16830494
6.51039069	6.63846986	6.63027405	6.08244599	6.23681488	6.17241325	6.47563076	5.62927053
0.21397091	0.22201203	0.16884919	0.15630956	0.17203861	0.18144991	0.24628703	0.27640272
4.97153657	5.0972015	5.0248171	5.22001953	5.49482727	5.87931716	6.27482775	6.68426851
0.13118696	0.14618448	0.13783178	0.14464415	0.14889301	0.17038702	0.18310143	0.19356843
0.52918071	0.56682167	0.61965502	0.59970082	0.58608834	0.61440815	0.66775479	0.59333227
1.95818243	2.0971598	2.1387992	2.34371848	2.52729506	2.64186984	2.65513214	2.67371148
2.70442614	2.76633315	2.8136405	2.76300134	2.9445792	2.9220613	2.98615787	3.07354124
0.28245518	0.29459901	0.30037281	0.28265094	0.29595041	0.36772002	0.35369567	0.30358662
7.18228466	7.69706137	7.97378776	7.17182445	7.66833577	7.62451195	7.53769885	7.98627001
1.24325658	1.26457845	1.4295581	1.44203344	1.46517279	1.52220844	1.56824564	1.63666174
11.0851139	11.3433321	10.8173449	10.7457517	13.7139782	13.7121414	13.5614881	14.7410884
0.0567316	0.05934864	0.05976977	0.07172373	0.08777769	0.08636833	0.11592222	0.11055234
0.6509075	0.5774222	0.61149152	0.52629216	0.59741313	0.64110581	0.61447395	0.67909962
0.854808	0.87411546	0.82883716	0.80031712	0.81176091	0.83957995	0.82390821	0.77896673
10.8115864	10.838649	10.8633427	10.5119263	11.1595401	10.403919	10.2235011	10.0597048
9.41811821	9.5144782	9.87219105	9.34804591	9.82105917	9.4871074	9.25558641	9.23307389
0.10455937	0.10648535	0.1165209	0.15196771	0.17705572	0.19615575	0.22512508	0.2249673
8.65287939	8.27037328	8.44024893	7.711477	7.63569335	7.38662099	7.7695913	7.63997268
16.316418	17.113936	16.2115964	16.3387582	16.9303348	18.4540582	19.4641961	19.03072
0.92480699	1.00999328	0.9554075	0.95807188	0.91244867	0.89106884	0.882912	0.88474446
2.20770209	2.16443481	2.06340771	2.423056	2.51909401	2.69582263	2.76866575	2.67282991
1.12649247	1.21483341	1.36125434	1.44714854	1.5606337	1.65230788	1.62848654	1.64615017
0.80802548	0.8616499	0.85662197	0.85255714	0.90630987	0.88755293	0.92372767	0.989656
84.8365441	68.7833043	69.1016808	106.862171	103.112527	115.039068	173.616771	87.2050195
0.82177312	0.79715276	0.75163755	0.71244867	0.59521606	0.61471261	0.57330027	0.60262765
8.6260104	8.61681626	8.46836913	8.12376968	8.59432692	8.53093593	8.34350587	8.22430699
4.51875439	4.79474643	4.12138339	3.74974902	3.61442568	3.14737487	3.06619809	2.96530799

3.37675878	2.80894126	3.05968073	2.92892022	2.80671523	2.05918315	1.97592705	1.52017367
5.95251143	5.78440256	5.57719545	5.50044655	5.01261568	4.85114801	4.71831693	4.58726994
0.69659528	0.65230886	0.75193647	0.765497	0.84071016	0.86220303	0.84438775	0.8682428
3.43314661	3.63772962	3.68400682	3.51594627	3.6941508	3.54574673	3.4018143	3.63187942
48.4826787	47.1965115	44.522469	40.2142058	40.574207	42.6126136	43.7624414	45.3827389
2.86656104	2.6717875	2.88537338	3.00686026	3.19452599	3.05499874	3.07308104	3.06340743
5.21724411	5.09036552	5.060335	4.1558231	4.077075	4.42574692	4.34413144	3.96246669
12.3927978	12.4275556	12.330675	11.6152195	12.2025797	12.791504	12.6881707	12.2857288
0.08084104	0.0716962	0.06977802	0.06967924	0.07125747	0.07241939	0.07843341	0.08504674
14.9212521	15.35981	16.2095387	16.6537893	17.7523898	18.0327728	18.5425809	18.2734866
6.56003173	6.44432636	6.4806594	6.07933238	6.3076154	6.7992517	6.05875091	6.18191393
0.33476868	0.35318288	0.36703808	0.37018884	0.38297957	0.35847922	0.37733558	0.3704144
0.48579474	0.52375947	0.52799024	0.52524022	0.5402016	0.56222915	0.53732426	0.55523515
9.10024628	9.16176091	8.84746232	8.81326247	9.63505645	9.91956756	9.51656658	9.81845579
2.03111692	2.38542138	2.49509731	2.54241231	2.75178758	2.8966683	2.96525849	3.6497303
0.6227369	0.65668248	0.65085339	0.63521253	0.67905972	0.69080049	0.67420958	0.69740153
0.12268362	0.11071705	0.10528013	0.10366613	0.11038572	0.13237762	0.14574462	0.1640966
1.21961763	1.27829028	1.15972164	1.1234333	1.09021667	1.13358532	1.12434953	1.06040639
0.0734223	0.07139603	0.06741989	0.06642583	0.06572247	0.06412539	0.0618089	0.0603642
4.08319552	4.42991837	4.65632855	5.12886078	5.75413997	4.41706217	4.52475727	5.31114939
0.60334588	0.59859346	0.62983212	0.67286735	0.71059642	0.71824882	0.73611491	0.72265146
3.03590169	2.77480957	2.83331524	2.78765292	3.3248215	3.67864098	4.55090434	4.21669883
7.82033566	7.65588807	7.6206636	6.89108557	7.38239361	7.00287751	6.66367226	6.70414962
8.95537686	8.90082982	9.32959645	8.2981508	8.39182789	7.83186587	7.53221036	7.50873614
6.05700526	5.76661706	5.59819525	5.03771015	5.63156467	5.11944392	4.79269727	4.57254378
0.89067492	0.9064595	0.87392875	0.88855341	0.71090343	0.66826328	0.64924068	0.75673505
11.82176	9.58833349	10.2006231	11.2318868	10.0741688	8.58663197	9.7404753	8.76245128
3.25493706	3.31187601	3.28053008	2.99677365	2.98256752	2.81168449	2.25883635	1.57465697
1.54102402	1.82854962	1.99077343	2.15833888	2.36092251	1.75833176	1.78630052	2.02252496
0.04797456	0.05265479	0.04365108	0.04333735	0.04378193	0.05601387	0.09592594	0.10086609
0.2092162	0.20302026	0.25785469	0.42817639	0.38825152	0.34688542	0.32251157	0.26995319
3.53675091	3.59222444	3.5899698	3.46794693	3.66445579	3.6524494	3.90199779	4.04954586
0.49846717	0.56626554	0.51857275	0.40812863	0.40186036	0.39435144	0.43802179	0.43945287
11.4255613	12.48144	12.5487071	10.9084739	12.1190983	12.7825931	12.964632	12.1634508
0.32509416	0.29415293	0.28832581	0.30875454	0.30134207	0.32769453	0.54357146	0.64038974
1.30847563	1.11553414	1.20056413	1.26239008	1.21185019	1.1475585	1.12574095	1.13371556
29.5855777	30.1109824	29.2914378	28.3246152	30.8881464	30.9082223	28.3659796	27.6615009
2.37704491	2.42580995	2.44306507	2.41057274	2.60609205	2.44032861	2.59395217	2.56195373
3.98437191	4.31491906	4.25221846	4.22435059	4.31576322	4.53252596	4.61480987	4.40496673
12.6646751	12.8174077	12.2192166	11.581021	12.3050932	12.5492408	12.34518	12.5356511
0.16250577	0.14889946	0.14512104	0.13606333	0.15907772	0.1868036	0.2160041	0.2289561
0.08718581	0.10156862	0.10600067	0.11303623	0.10778684	0.11659952	0.11441655	0.11215901
7.62196737	7.8970169	7.59169313	6.31951403	6.86425217	7.31131133	7.16266483	6.98613816
1.944883	1.82713194	2.35817186	2.32483408	1.90892878	2.29444722	2.60707086	2.24117749
19.4415006	19.5377543	18.7541537	17.2287836	17.8905875	17.0644514	16.2382598	16.5591306
4.95525757	4.74372276	4.88627304	4.3606727	4.73941202	4.75866577	4.15067882	4.02260418
0.66823883	0.71442874	0.74485064	1.13429419	0.88577039	0.6265176	0.79732547	0.75071889
5.8364343	5.63219091	5.83117395	5.78033388	6.09034881	5.87025926	6.48275971	6.36468037
1.87332848	1.96589228	2.14424235	2.39662639	2.58876076	1.9783536	1.9978215	2.24998807
1.21176188	1.33034568	1.45010112	1.60752099	1.77141057	1.75198159	1.7262195	1.78221006
0.37390428	0.59520033	0.57088205	0.62488281	0.65514816	0.74268082	0.59666368	0.59660877

1.20743563	1.30604844	1.33010849	1.34306322	1.41279293	1.42640077	1.41694408	1.46110546
1.08431091	1.11820802	1.12925344	1.20280141	1.11594582	0.94837208	0.88325168	1.1255132
8.92550155	9.22007387	9.67840507	8.96466007	9.00139633	8.50761691	8.69633452	8.79241613
0.19425537	0.17355384	0.18047329	0.19688183	0.21092465	0.23044688	0.29594018	0.30211851
0.81079631	0.78644477	0.60651905	0.57494833	0.71452093	1.10142311	0.8660319	0.84466099
8.49061934	8.38137835	8.15785947	7.5166224	7.74929153	7.52202132	7.3654699	7.17370461
4.69104647	4.80737437	4.77758973	4.65946194	4.88796378	4.97905372	4.98443656	5.02256733

2014	2015	2016	2017	2018	2019	2020	2021
4.24576535	4.42803493	4.62582861	4.43258486	4.40883135	5.26074007	4.25179977	4.67883409
0.23889556	0.24740328	0.21720896	0.22702268	0.21807292	0.19482026	0.18536707	0.20380277
1.14735104	1.18802335	1.08580362	0.93815173	0.85327587	0.86742143	0.63090336	0.7453482
1.93077324	1.91818742	1.92106341	1.95094384	1.87752045	1.81919219	1.49209288	1.4678551
1.7446832	1.66368213	1.54809879	1.8229246	1.80808663	1.68578029	1.550212	1.71173
36.2213652	36.3391181	31.2087828	24.9962176	20.0320963	15.450505	12.5680365	13.6665896
21.8174583	22.5707612	22.8941303	21.7292294	19.6041753	20.4131854	19.9212742	20.2601458
4.42241563	4.52008597	4.42831663	4.32290187	4.24801443	4.06385068	3.73805289	4.15259008
1.98204235	1.9255212	1.83747675	1.94118897	2.02814249	2.18751074	2.35269769	2.55414444
2.82719114	2.91033119	3.11716653	2.71517559	2.86213571	3.26969224	2.62487384	2.8793221
16.8801954	16.8297966	16.9323321	16.8027406	16.5187545	16.2567779	15.4546152	14.9674036
7.63666897	7.76261894	7.78023743	8.0254978	7.67689956	7.81789571	7.12801883	7.51906903
3.6537222	3.58954224	3.53866409	3.48302265	3.50283915	3.69275162	3.50543833	3.6776294
0.04109025	0.042336	0.04579676	0.04935262	0.06427095	0.06860502	0.07388499	0.07210809
8.71046603	9.06980854	8.91507269	8.7232278	8.70530524	8.63827293	7.94038231	8.24843655
0.53060899	0.54923438	0.65722252	0.64796913	0.71795811	0.68023881	0.70731187	0.51870113
0.15690373	0.2155986	0.20901434	0.23229732	0.25164025	0.27154674	0.26404996	0.27595453
0.48076838	0.5299631	0.57671191	0.61349884	0.63404561	0.64305161	0.60348865	0.68035714
6.55135215	6.9459984	6.60765396	6.9558947	6.57014511	6.37784364	5.68989684	6.64327951
24.9193193	24.4015608	23.4791546	22.615821	21.5852962	22.4967342	21.7017814	21.3736165
2.97300907	2.89584562	3.18314888	3.47433631	3.86330817	4.39571483	3.53313316	3.8782075
5.83061331	5.88954769	6.68264711	6.8397465	6.86720795	6.4520121	6.44068821	6.57641607
6.74431181	6.237424	6.23011645	6.36024753	6.72433018	6.50576109	6.17768843	6.24004965
0.57869278	0.6847474	0.70688914	0.75624442	0.64476992	0.68809395	0.5503492	0.60648958
4.35750393	3.71757746	5.05111453	4.64847803	5.10867904	5.89089773	5.20243204	5.51788361
1.84099004	1.85877046	1.96021612	1.96889843	1.95615241	1.931348	1.60642486	1.86289265
2.67441228	2.51303464	2.32324744	2.36276611	2.23252792	2.2040594	2.09210313	2.35040964
2.35671615	2.53427149	2.71443073	2.38841091	2.5808422	2.9065154	2.33530868	2.62918177
19.6902646	17.6392736	18.6656807	18.361253	18.4993856	17.3063678	22.2795825	21.70655
1.44547145	1.65698145	1.77904347	1.91232165	2.19681304	2.37713853	2.0795418	2.2159585
3.29097922	3.20825646	2.99994355	3.2479142	3.51694249	3.08977014	2.52030643	2.68473894
0.03589468	0.05091607	0.05422891	0.05566169	0.05683227	0.06040316	0.06160409	0.06140196
16.3035431	16.053808	15.8686757	16.192688	16.6061083	16.2889659	14.5379929	14.8092465
4.9710301	4.83582863	4.85490811	4.69642243	4.50622266	4.45841092	4.13893515	4.30411668
4.46782816	4.74864449	4.95996046	4.96918793	4.93398693	5.19261372	4.73555486	4.7876534
7.85327979	7.71415985	7.69864728	7.83041537	8.17812069	8.34512345	8.43947043	8.83569581
0.46420196	0.48748355	0.48124165	0.50750792	0.49558212	0.51663641	0.49979774	0.54097986
0.39858481	0.40197741	0.41367012	0.40941445	0.42600401	0.40443374	0.39989246	0.3844467
0.07305734	0.04581385	0.03416324	0.03847088	0.03693439	0.0386789	0.03863715	0.03801651
1.08315893	1.1509715	1.09052715	1.0513055	1.18270499	1.29949347	1.29570995	1.20309115
6.28546366	5.72904217	6.06623324	6.61297332	6.7163712	6.99615032	7.09211731	7.66228402
1.71935294	1.73180509	1.76458393	1.59334135	1.65777279	1.65911287	1.61020079	1.73892259
0.20404965	0.21837605	0.24940426	0.313559	0.33481265	0.3742852	0.38459642	0.38317351
1.4747121	1.4712647	1.5242624	1.59131795	1.58152531	1.65621148	1.71994056	1.72951922
1.69329296	1.61611459	1.69714382	1.71039515	1.70671224	1.64155014	1.42349175	1.57596039
2.3535698	2.57128955	2.38509072	2.30684677	2.33682567	2.13871404	1.87897453	1.83914024
3.911794	4.1731404	4.32142842	4.55488634	4.32499646	5.96609872	4.78356141	5.20147555
5.91517575	5.90451786	6.17089858	6.24127481	6.06577762	6.02077982	5.63336932	5.67777949
10.1177357	10.211874	10.3486255	10.3947909	10.2904815	9.71754692	8.87687416	9.32368606
9.56222835	9.61214451	9.6406846	9.43744419	9.07987711	8.45487622	7.7846928	8.20685159

0.97124441	0.87309451	0.78399676	0.69360535	0.73939322	0.7177366	0.73489763	0.78188212
0.91985458	0.98984436	1.0566644	0.93564215	1.00798016	1.12555172	0.91103756	0.993448
6.39210248	5.98970803	6.25126764	5.85542223	5.84851501	5.2296081	4.79518326	5.05171231
2.08477788	2.26704001	2.33499471	2.20851869	2.35420893	2.59390271	2.42162282	2.64451933
3.96312341	4.13483655	3.96468313	4.03095588	4.16195617	4.25617381	3.96677011	4.0879268
2.6751155	2.6178257	2.50055601	2.39183794	2.45334118	2.38743772	2.06006028	2.27058137
2.53879095	2.55275253	2.61365607	2.6864988	2.58186636	2.3432523	2.19725205	2.38544014
0.1254834	0.11916442	0.12052307	0.11562934	0.12625879	0.12684833	0.12366588	0.12820235
0.45329421	0.45243317	0.4455588	0.38863842	0.39780867	0.40002977	0.33045461	0.39357271
5.54611964	5.92871178	5.75069919	6.07700708	5.9298528	5.5495269	4.70830597	5.11500519
16.6272907	15.1985531	15.2233708	16.2051277	17.1097665	11.2807263	8.82758189	9.49077575
0.1274007	0.13526811	0.15655381	0.15119326	0.16241391	0.17096593	0.14967627	0.14970956
9.05492628	8.38584491	8.86831145	8.34167462	8.55834923	7.93697956	7.07239762	7.04472385
1.76001842	1.81185084	1.77110462	1.93240576	2.02255681	2.08776478	2.09182408	2.180784
5.63122601	5.9780937	6.59537577	5.87137496	6.3261703	7.26947533	5.88891054	6.35172008
5.11115166	5.165829	5.1879512	5.2223517	5.03776938	4.92896815	4.37186891	4.8430719
0.04092427	0.04082882	0.04070855	0.04084769	0.04100519	0.04115208	0.04126537	0.04145314
3.34065401	3.33655477	3.28318969	2.77842725	2.54293757	2.57878073	2.46812194	2.34172561
6.62141967	6.35893713	5.97890669	5.76119972	5.60614248	5.33658646	4.73778006	5.01477508
2.46402413	2.69403237	2.80826684	2.85502234	2.84979881	3.0530781	2.96169691	3.12428318
0.55624209	0.57240293	0.57410223	0.58834508	0.64935598	0.6712103	0.7206741	0.79714168
15.7864788	17.1568961	17.7968929	18.796866	19.8581323	20.567983	18.2690201	18.4761971
0.20152829	0.23530687	0.25838502	0.25262666	0.24873696	0.25721129	0.26188047	0.26030929
2.46955228	2.47696438	2.47595994	2.47827601	2.48631275	2.48579668	2.48594933	2.48832366
0.25280648	0.25501165	0.24941467	0.24388036	0.2389956	0.25105802	0.2560597	0.25318204
0.19827298	0.20300494	0.20659969	0.16131543	0.1583834	0.16389344	0.16767529	0.16665471
5.06265931	4.60006916	4.41203188	3.85507288	3.5639413	3.34907396	3.17787946	3.00150912
6.30324826	6.19083528	6.09422953	6.12725239	5.97570845	5.53898963	4.71718969	4.89376443
1.03350235	1.09510479	1.18746458	1.18585926	1.20706283	1.37974703	1.11478595	1.23657823
8.67396582	9.33204123	9.31873282	9.10066138	9.17980915	9.24329558	9.29159112	9.62069942
0.91268056	1.04443723	1.08787853	1.01412707	1.08753053	1.11955574	0.98500451	1.10957916
1.35241026	1.30533281	1.30241945	1.26077734	1.24628498	1.22196551	1.1856876	1.17130061
2.7052052	2.69949955	3.17751596	3.17389417	3.29929236	3.55168641	4.21082872	4.11290728
6.60975171	6.10643664	6.17284728	5.99259233	5.93077345	5.80823138	4.65787091	4.61636554
1.12681784	1.17466333	1.13756665	1.00789731	0.95532331	1.06188018	0.90687175	1.00134217
4.15141239	4.25446535	4.3369097	4.48647026	4.26537695	4.33890325	4.19005018	4.32937552
0.30530613	0.32616074	0.32980825	0.32655458	0.32007392	0.31968282	0.30448776	0.29655665
4.56748691	4.85848538	4.94873996	5.26282691	5.25427002	5.25879021	5.0932728	5.24183581
1.97998162	1.98482881	1.94196721	2.02930085	2.23946002	2.36446684	2.18300221	2.25329598
1.73344948	1.72654323	1.73947598	1.81736815	1.90031083	1.85721152	1.67651202	1.8237021
7.71183164	8.00938929	8.36256409	8.04160013	7.73764037	7.30723157	6.85387476	7.18264941
8.11594086	7.93015073	7.99930239	8.20869243	8.06286447	8.41306834	8.52239466	8.76053174
3.95038355	3.8184014	4.09389738	4.32870659	4.53665732	4.79200361	4.10685897	4.1029899
10.5480523	10.9916668	9.56344484	9.94151242	9.81091584	9.32183843	8.82498938	9.32595092
5.29033328	5.34856649	5.21175772	5.12960129	4.70749955	4.75338885	4.38350524	4.27151201
5.76232796	5.94950465	5.87998753	5.82773912	5.74470126	5.61477964	5.00362549	5.66205844
2.51063887	2.46255272	2.63437501	2.51796723	2.98784374	2.90306974	2.02191303	2.20593722
2.93342257	2.79853901	2.66867341	2.73643281	2.55022333	2.35081704	2.10778827	2.16172529
9.95806502	9.65359385	9.65077501	9.55295118	9.27164807	8.98269454	8.47594003	8.60304689
13.2833779	11.5713227	11.9932405	12.5070047	12.4372303	11.6676051	11.9682994	12.9168255
0.35629294	0.37555076	0.39681475	0.401184	0.37513799	0.3717999	0.35909253	0.3922493

1.72153299	1.75873437	1.63554317	1.59411055	1.87041781	1.64441174	1.47701418	1.64603029
0.46026869	0.54866635	0.67191917	0.74029578	0.75933035	0.96192445	0.99307898	0.99017094
0.54908986	0.55421446	0.59289315	0.67760524	0.68087587	0.69560855	0.69523926	0.71982153
1.80848665	1.87439117	2.03216325	1.87661185	1.94711637	2.21727446	1.78530301	1.93450336
12.3750279	12.7029765	12.9919449	13.0998917	13.1060318	12.6827324	11.9246308	12.2142035
24.1306808	24.0576494	23.9934287	23.2562889	23.348971	23.2578462	22.9173137	24.3393836
0.66713547	1.33965363	2.34833681	2.80601146	2.85325086	2.74196699	2.71294721	3.27916758
4.45586339	4.59770126	4.63880183	4.81633863	4.51164733	4.45147234	3.6244949	2.82966156
0.26996211	0.27189195	0.29755434	0.25517127	0.28343836	0.291808	0.30303248	0.30910984
9.96094012	8.77163569	8.15583602	8.70888463	8.87029078	8.80056544	6.87713489	8.30181521
1.00619767	1.0277024	1.10142973	1.09604238	1.04152999	1.72894867	1.39719579	1.54723351
0.86692538	0.95144658	1.12911392	1.12123277	1.04915751	1.14047107	1.05100279	1.07458078
0.27998597	0.2720233	0.29546622	0.31535966	0.30485525	0.32225741	0.33412796	0.33575733
4.45961399	4.65822192	4.64763846	4.83024318	4.87261091	4.99008585	4.99608783	5.04542915
17.6514594	16.4259959	15.7035802	15.7478927	16.0400274	16.1117515	13.1566434	13.6254732
3.75559372	3.83712688	3.7951653	3.81105253	4.20009169	4.10985222	3.81554151	3.9611348
3.54794097	4.59078461	4.2892081	5.12789562	3.96181284	4.21435167	4.40340164	4.23524772
1.73225026	1.75646707	1.72906788	1.78643751	1.80103464	1.9613377	1.82263469	1.95014209
1.97500143	2.04039997	2.07410824	2.04936408	2.19218435	2.25978166	2.20146803	2.40874116
0.13282004	0.14103633	0.13058046	0.13891063	0.12856697	0.14832596	0.11225065	0.14360508
5.37157436	3.79598635	4.05302713	4.20608546	4.79407573	5.46952982	5.47401232	5.66485398
3.87061842	3.89464317	3.8916018	3.87539092	3.64071869	3.66713434	3.19574961	3.34514139
4.01996562	3.81738162	3.66363033	3.83331239	3.6200377	4.16129045	3.63308174	3.66383657
0.1720422	0.20061197	0.25230412	0.27326393	0.28403721	0.31719628	0.31939718	0.3158454
5.56725695	3.91025319	3.17993697	3.61640207	3.62721916	3.86138968	3.73035167	3.73235494
0.34163811	0.37659826	0.43428678	0.63208725	0.62206701	0.63258109	0.63322822	0.57584171
6.67894187	6.05452102	6.31364928	6.85120188	7.35245989	8.00033154	7.013901	7.64332769
0.2127802	0.23054243	0.28898388	0.28014374	0.26382339	0.27468176	0.24698465	0.27952139
0.66178033	0.65433858	0.60511304	0.84562315	0.86592295	0.92665155	0.94252256	0.93552245
2.68737503	2.70174431	2.70491518	2.70641319	2.70374619	2.7004972	2.01743006	2.37342614
3.17355924	3.17713601	3.22930221	3.33203028	3.29726657	3.31325251	2.94691338	3.13002878
0.29126952	0.27880908	0.27053933	0.28907964	0.28817712	0.2832368	0.25879512	0.29853398
8.31892996	8.23249464	7.93811374	7.5215742	7.93825456	7.86354558	7.70911481	7.77777651
1.65999225	1.70453692	1.71726428	1.65179707	1.62857563	1.60349817	1.43781073	1.43732372
17.7549475	16.7223362	17.6350209	16.9484879	22.0255632	21.9630182	22.498164	19.2705816
0.11499736	0.10904847	0.10488623	0.09228625	0.09421255	0.10238941	0.1000883	0.11432257
0.6987941	0.649133	0.64888272	0.62350362	0.63766329	0.64568913	0.59241376	0.61945413
0.81502781	0.90241134	0.92909223	0.9125484	0.82303786	0.83691005	0.73698769	0.79875745
9.57928905	10.0019248	10.0564595	9.86690723	9.54205548	9.21387246	8.25842883	8.49185994
9.14143593	9.22216822	9.01493042	8.93582198	8.77088334	8.4695795	8.16855972	8.2002333
0.259569	0.25549389	0.37136844	0.45040253	0.50258954	0.44954521	0.54379707	0.54258314
7.71196663	7.65341032	7.43887781	7.69228382	7.54606465	7.78369039	7.29311048	7.23479026
18.9419764	18.8875261	18.4655519	17.7624689	17.6681391	17.263567	15.9615951	16.7124253
0.91175952	0.94124951	1.01845346	1.08248299	1.00731626	0.97251122	1.06771671	1.11615229
2.75850314	2.67774713	2.64288512	2.47540483	2.38414176	3.10048642	2.23506143	2.4981553
1.71900314	1.74946153	1.80938983	1.71631529	1.6999773	1.76595018	1.42644518	1.5813314
1.03883074	1.11252753	1.17376544	1.29265117	1.32672591	1.36807062	1.23788502	1.30802179
60.0978541	56.1511072	53.2181544	55.0570434	56.0235527	57.1146891	56.8734901	60.4074608
0.7139015	0.75417442	0.81879758	0.78831746	0.80304938	0.83069123	0.68105048	0.62270535
7.90079992	7.99021397	8.28541272	8.65059756	8.64888853	8.20660081	7.82458326	8.5570401
3.12753214	3.29285992	3.09421627	3.17483702	3.74335847	3.44823703	3.42122042	3.4706377

1.65959645	1.29691834	1.4229207	2.88723382	2.59372489	2.85217723	2.67331469	2.20702377
4.56705113	4.97925402	4.88642257	5.35394749	4.98199444	4.55184467	4.00515455	3.84589239
0.90499778	1.00016784	1.1139665	1.2401661	1.2642728	1.21697076	1.12364028	1.2532531
3.56847469	3.62033053	3.59560183	3.55147015	3.67476772	3.75743337	3.78275365	3.93615103
46.648795	45.9727092	44.3823288	43.2344162	42.6349424	42.8857284	41.2960968	41.5373132
3.01767836	2.962921	2.95450902	2.93151736	2.91316907	2.88493094	2.84774404	2.832566
3.9543546	4.03949354	3.97887554	4.15591921	4.2383576	4.16521962	3.90460991	4.16726708
12.173983	12.2112853	12.0484853	12.2449668	12.790924	13.272242	12.7188044	13.6311744
0.08434865	0.0949701	0.10139399	0.10724863	0.1165531	0.11783201	0.11065452	0.12566688
19.0378067	19.3756865	18.8842112	18.3167406	17.2864546	17.0036918	16.4476577	16.5756826
5.27124638	6.14242652	6.3746629	6.38985354	6.28443156	6.29273967	6.31485674	6.22862725
0.38009264	0.43262502	0.46994782	0.4547745	0.4492893	0.43222242	0.38442449	0.38802493
0.57624068	0.61544976	0.6680823	0.64368038	0.65883233	0.65865086	0.6287334	0.69203525
9.8882758	9.97020755	9.42362868	9.96657379	9.36225301	9.52647866	9.07815241	9.29396843
3.66790111	3.71506359	3.88283235	4.04050932	4.22249721	4.1303531	3.7763522	3.98445531
0.65052507	0.56779867	0.53977918	0.54493665	0.56866329	0.56714072	0.56534104	0.58138249
0.17091576	0.14016444	0.14189672	0.13566604	0.13201411	0.12670492	0.12929507	0.12935059
1.08391401	1.15056725	1.15477241	1.03933005	1.1072145	1.25732938	1.02699252	1.15636177
0.05737981	0.05864799	0.05797306	0.05560945	0.05446235	0.05592735	0.05653437	0.05585616
5.92448854	6.03250121	6.51207694	5.9264015	6.63254169	6.55536369	5.75504288	5.52900803
0.69000838	0.71334881	0.72519653	0.71436455	0.69031831	0.78233509	0.80485572	0.80052087
4.78266765	4.92581812	5.30125793	4.34802034	3.78378233	4.64281767	4.50702767	4.47286123
6.25524907	6.34483308	6.51092427	6.9238693	6.82781601	6.38054421	5.98326829	6.7177381
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0.75845837	0.77378041	0.83439376	0.8118811	0.79783559	0.82929734	0.80246865	0.851517
9.95867546	10.4359079	11.5626447	11.9120545	10.5497652	11.1764676	11.7060229	11.8003283
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0.10346264	0.11434244	0.11486636	0.14513818	0.14730984	0.14954432	0.13144911	0.13063421
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5.99892599	5.06152879	5.11243726	4.64779975	4.96150091	4.74579469	4.55853587	4.47533222
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2.86406316	2.99171869
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3.84577075	4.14401165
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0.63218596	0.66140262
5.54064432	5.841981
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2.63834016	2.75506209
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1.78192875	1.7114458
1.57731074	1.65828714
1.81220186	1.91753454
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5.87035093	5.83060024
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2.1466406	2.25119166
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1.33425521	1.40866872
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3.8922621	3.57636442
1.13090003	1.12851221
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3.95697276	3.70346984
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0.11867481	0.11789747
16.9085266	17.1549558
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0.35241059	0.34215759
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0.60266223	0.61234978
0.1316739	0.12585622
1.20960125	1.27388546
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6.31038181	5.80599088
3.53151043	3.43113618
0.91024769	0.92124838
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1.23578986	1.19184452
2.57317201	2.7131223
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3.96551369	3.93789297
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