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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-05-19 :: 2020-05-20 01:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-confirmed Totals: 4897492

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		1528568	31.21	20260	21551	18937	21030	24980	25517
2	Russia		299941	6.12	9263	8926	9709	10028	10559	4268
3	Brazil		271885	5.55	16517	14288	7569	11923	11156	2089
4	United Kingdom		248818	5.08	2412	2711	3534	3242	6111	4676
5	Spain		232037	4.74	431	908	0	661	996	1536
6	Italy		226699	4.63	813	451	675	888	1444	2256
7	France		178428	3.64	874	314	33	-226	3530	2380
8	Germany		177778	3.63	1227	182	617	927	1155	1881
9	Turkey		151615	3.10	1022	1158	1368	1639	2253	4674
10	Iran		124603	2.54	2111	2294	1806	1958	1680	1294
11	India		106475	2.17	6147	4630	5050	3763	3587	924
12	Peru		99483	2.03	4550	2660	3732	4247	3628	697
13	China	Hubei	68135	1.39	0	1	0	0	0	0
14	Saudi Arabia		59854	1.22	2509	2593	2736	1905	1687	1122
15	Belgium		55791	1.14	232	279	291	202	272	1487

Global Perc. Average: 0.38 (sd: 2.08)

Global Perc. Average in top 15 : 5.21 (sd: 7.37)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-05-19 :: 2020-05-20 01:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
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Worldwide ts-deaths Totals: 323285

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		91921	6.01	1574	785	808	1763	2391	1714
2	United Kingdom		35341	14.20	545	160	170	494	649	559
3	Italy		32169	14.19	162	99	145	195	369	454
4	France		27976	15.68	-217	131	579	81	274	546
5	Spain		27778	11.97	69	146	0	184	244	399
6	Brazil		17983	6.61	1130	735	456	779	650	125
7	Belgium		9108	16.33	28	28	47	82	323	145
8	Germany		8081	4.55	78	41	24	123	282	276
9	Iran		7119	5.71	62	69	51	50	78	91
10	Netherlands		5715	12.92	21	14	10	52	36	67
11	Mexico		5666	10.43	334	155	132	294	197	26
12	China	Hubei	4512	6.62	0	0	0	0	0	0
13	Turkey		4199	2.77	28	31	44	58	64	123
14	Sweden		3743	12.15	45	19	5	147	87	40

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15 Canada Quebec 3648 8.25 51 34 79 89 112 119

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-05-19 :: 2020-05-20 01:01:44
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 253
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Worldwide ts-recovered Totals: 1688619

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		289392	6214	10913	3889	13143	119	1992
2	Germany		155681	640	1030	1411	1500	4800	3500
3	Italy		129401	2075	2150	2366	3502	8014	1822
4	Turkey		112895	1318	1615	1825	2826	4917	1454
5	Brazil		106794	6335	6337	4450	5827	3149	0
6	Iran		97173	1512	1197	1317	1071	1112	2250
7	Russia		76130	5921	2836	4207	4491	1462	155
8	China	Hubei	63616	0	0	0	0	0	4
9	France		61246	830	509	765	751	1219	809
10	India		42309	3076	2438	2571	1980	1189	419
11	Canada		40069	818	688	731	1122	1178	696
12	Mexico		37325	1937	2059	1481	1055	971	0
13	Peru		36524	6218	1685	349	1000	2114	157
14	Saudi Arabia		31634	2886	3026	2056	2365	1352	92
15	Switzerland		27700	100	100	100	300	300	800

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-05-20 :: 2020-05-20 01:01:44
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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 195
 Unique number of distinct geographical locations combined: 3313

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Russia	299941	6.12	2837	0.95	76130	25.38	220974	73.67
2	Brazil	271885	5.55	17983	6.61	106794	39.28	147108	54.11
3	United Kingdom	248818	5.08	35341	14.20	0	0.00	213477	85.80
4	New York City, New York, US	193821	3.96	20887	10.78	0	0.00	172934	89.22
5	France	178428	3.64	27976	15.68	61246	34.33	89206	50.00
6	Turkey	151615	3.10	4199	2.77	112895	74.46	34521	22.77
7	Iran	124603	2.54	7119	5.71	97173	77.99	20311	16.30
8	India	106475	2.17	3302	3.10	42309	39.74	60864	57.16
9	Peru	99483	2.03	2914	2.93	36524	36.71	60045	60.36
10	Lombardia, Italy	85481	1.75	15597	18.25	42593	49.83	27291	31.93
11	Hubei, China	68135	1.39	4512	6.62	63616	93.37	7	0.01
12	Madrid, Spain	66643	1.36	8894	13.35	0	0.00	57749	86.65

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13	Cook, Illinois, US	64691	1.32	2980	4.61	0	0.00	61711	95.39
14	Saudi Arabia	59854	1.22	329	0.55	31634	52.85	27891	46.60
15	Catalonia, Spain	55825	1.14	5981	10.71	0	0.00	49844	89.29

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-05-20 :: 2020-05-20 01:01:44

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 195
 Unique number of distinct geographical locations combined: 3313

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	United Kingdom	248818	5.08	35341	14.20	0	0.00	213477	85.80
2	France	178428	3.64	27976	15.68	61246	34.33	89206	50.00
3	New York City, New York, US	193821	3.96	20887	10.78	0	0.00	172934	89.22
4	Brazil	271885	5.55	17983	6.61	106794	39.28	147108	54.11
5	Lombardia, Italy	85481	1.75	15597	18.25	42593	49.83	27291	31.93
6	Belgium	55791	1.14	9108	16.33	14687	26.33	31996	57.35
7	Madrid, Spain	66643	1.36	8894	13.35	0	0.00	57749	86.65
8	Iran	124603	2.54	7119	5.71	97173	77.99	20311	16.30
9	Catalonia, Spain	55825	1.14	5981	10.71	0	0.00	49844	89.29
10	Netherlands	44249	0.90	5715	12.92	0	0.00	38534	87.08
11	Mexico	54346	1.11	5666	10.43	37325	68.68	11355	20.89
12	Hubei, China	68135	1.39	4512	6.62	63616	93.37	7	0.01
13	Turkey	151615	3.10	4199	2.77	112895	74.46	34521	22.77
14	Emilia-Romagna, Italy	27314	0.56	3997	14.63	17987	65.85	5330	19.51
15	Sweden	30799	0.63	3743	12.15	4971	16.14	22085	71.71

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-05-20 :: 2020-05-20 01:01:44

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Number of Countries/Regions reported: 188
 Number of Cities/Provinces reported: 195
 Unique number of distinct geographical locations combined: 3313

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Recovered, US	0	0.00	0	NaN	289392	Inf	-291796	-Inf
2	Turkey	151615	3.10	4199	2.77	112895	74.46	34521	22.77
3	Brazil	271885	5.55	17983	6.61	106794	39.28	147108	54.11
4	Iran	124603	2.54	7119	5.71	97173	77.99	20311	16.30
5	Russia	299941	6.12	2837	0.95	76130	25.38	220974	73.67
6	Hubei, China	68135	1.39	4512	6.62	63616	93.37	7	0.01
7	France	178428	3.64	27976	15.68	61246	34.33	89206	50.00
8	Lombardia, Italy	85481	1.75	15597	18.25	42593	49.83	27291	31.93
9	India	106475	2.17	3302	3.10	42309	39.74	60864	57.16
10	Bayern, Germany	45966	0.94	2331	5.07	40400	87.89	3235	7.04
11	Mexico	54346	1.11	5666	10.43	37325	68.68	11355	20.89
12	Peru	99483	2.03	2914	2.93	36524	36.71	60045	60.36
13	Nordrhein-Westfalen, Germany	36485	0.74	1525	4.18	32400	88.80	2560	7.02
14	Saudi Arabia	59854	1.22	329	0.55	31634	52.85	27891	46.60

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15	Baden-Wurttemberg, Germany	34071	0.70	1673	4.91	30300	88.93	2098	6.16
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-05-20 :: 2020-05-20 01:01:44
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Number of Countries/Regions reported: 188
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Number of Cities/Provinces reported: 195
```

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Unique number of distinct geographical locations combined: 3313
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Russia	299941	6.12	2837	0.95	76130	25.38	220974	73.67
2	United Kingdom	248818	5.08	35341	14.20	0	0.00	213477	85.80
3	New York City, New York, US	193821	3.96	20887	10.78	0	0.00	172934	89.22
4	Brazil	271885	5.55	17983	6.61	106794	39.28	147108	54.11
5	France	178428	3.64	27976	15.68	61246	34.33	89206	50.00
6	Cook, Illinois, US	64691	1.32	2980	4.61	0	0.00	61711	95.39
7	India	106475	2.17	3302	3.10	42309	39.74	60864	57.16
8	Peru	99483	2.03	2914	2.93	36524	36.71	60045	60.36
9	Madrid, Spain	66643	1.36	8894	13.35	0	0.00	57749	86.65
10	Catalonia, Spain	55825	1.14	5981	10.71	0	0.00	49844	89.29
11	Netherlands	44249	0.90	5715	12.92	0	0.00	38534	87.08
12	Los Angeles, California, US	39573	0.81	1913	4.83	0	0.00	37660	95.17
13	Nassau, New York, US	39295	0.80	2060	5.24	0	0.00	37235	94.76
14	Suffolk, New York, US	38327	0.78	1772	4.62	0	0.00	36555	95.38
15	Turkey	151615	3.10	4199	2.77	112895	74.46	34521	22.77

	Confirmed	Deaths	Recovered	Active
Totals	4897492	323285	1688619	2883184
Average	1478.27	97.58	509.69	870.26
Standard Deviation	11330.14	1037.18	6653.83	9188.58

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* Statistical estimators computed considering 3313 independent reported entries
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*****
***** OVERALL SUMMARY*****
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**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
4897492 323285 1688619
6.6% 34.48%

**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
18411.62 1215.36 6674.38
6.6% 36.25%

**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
101641.56 6896.68 26099.84
6.79% 25.68%
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* Statistical estimators computed considering 266/266/253 independent reported entries per case-type
