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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-12-23 :: 2020-12-24 13:02:35
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-confirmed Totals: 78704434

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		18458373	23.45	228131	195033	190519	236211	226684	174397
2	India		10123778	12.86	24712	23950	19556	22890	29373	44376
3	Brazil		7365517	9.36	46696	55202	25019	69826	53347	31100
4	Russia		2905196	3.69	26814	28340	28917	27787	27562	24087
5	France		2503693	3.18	14804	11634	5797	18080	13294	8853
6	United Kingdom		2149551	2.73	39237	36803	33364	35383	20964	11299
7	Turkey		2082610	2.65	19650	19256	19103	27515	823225	7381
8	Italy		1991278	2.53	13908	13316	10869	18233	16998	23227
9	Spain		1842289	2.34	12386	10654	22013	12131	7955	12228
10	Germany		1604129	2.04	33758	36153	19256	30179	32734	16370
11	Argentina		1563865	1.99	8586	8141	5853	7326	6994	7164
12	Colombia		1544826	1.96	14233	12526	10845	12196	7778	7515
13	Mexico		1350079	1.72	11653	12511	5370	11799	11897	10794
14	Poland		1226883	1.56	12358	7192	4633	11953	13750	32733
15	Iran		1177004	1.50	6261	6208	6151	7453	10403	13721

Global Perc. Average: 0.37 (sd: 1.77)

Global Perc. Average in top 15 : 4.9 (sd: 6.05)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-12-23 :: 2020-12-24 13:02:36
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 84
Unique number of distinct geographical locations combined: 271
```

Worldwide ts-deaths Totals: 1730663

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		326124	1.77	3359	3401	1696	3346	2920	2126
2	Brazil		189220	2.57	961	968	527	1092	770	630
3	India		146756	1.45	312	333	301	338	413	481
4	Mexico		120311	8.91	816	897	396	718	671	813
5	Italy		70395	3.54	553	628	415	683	887	853
6	United Kingdom		69051	3.21	744	691	215	532	516	608
7	France		61614	2.46	275	802	351	258	290	1004
8	Iran		54156	4.60	153	187	191	212	284	483
9	Russia		51810	1.78	536	551	481	574	549	483
10	Spain		49698	2.70	178	260	334	181	325	537
11	Argentina		42314	2.71	60	257	184	169	209	310
12	Colombia		41174	2.67	243	251	205	227	176	198
13	Peru		37218	3.72	45	70	69	104	98	46
14	Germany		28909	1.80	813	986	710	754	604	372

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15 Poland 26255 2.14 472 309 77 431 470 540

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-12-23 :: 2020-12-24 13:02:37
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 68
Unique number of distinct geographical locations combined: 256
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Worldwide ts-recovered Totals: 44323101

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		9693173	29791	26895	30376	31087	37503	37816
2	Brazil		6512717	11376	32031	60793	62355	77101	28461
3	Russia		2321362	24073	23779	19684	25854	25427	22742
4	Turkey		1901307	34492	32110	34419	30494	5232	3678
5	Colombia		1404168	9794	12034	9008	7653	8823	8960
6	Argentina		1384277	4551	5325	6055	4642	6699	6834
7	Italy		1322067	20494	20315	19632	27913	30099	20837
8	Germany		1197472	26028	23501	24218	22467	20641	18695
9	Mexico		1005248	8946	8974	9326	8089	6962	6823
10	Poland		965178	10906	8255	7748	10699	23878	15849
11	Peru		936182	0	3887	1885	0	1388	3161
12	Iran		914194	10196	9632	9312	12083	12528	7309
13	South Africa		811372	3131	11895	2432	5728	2013	5249
14	Ukraine		638265	15746	14399	5127	13525	14353	8782
15	Chile		561794	1949	1932	1957	1348	1117	1310

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-12-24 :: 2020-12-24 13:02:37
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Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 575
Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2503693	3.18	61614	2.46	163754	6.54	2278325	91.00
2	Turkey	2082610	2.65	18861	0.91	1901307	91.29	162442	7.80
3	Maharashtra, India	1906371	2.42	48969	2.57	1801700	94.51	55702	2.92
4	England, United Kingdom	1839170	2.34	60238	3.28	0	0.00	1778932	96.72
5	Argentina	1563865	1.99	42314	2.71	1384277	88.52	137274	8.78
6	Sao Paulo, Brazil	1409140	1.79	45576	3.23	1222776	86.77	140788	9.99
7	Poland	1226883	1.56	26255	2.14	965178	78.67	235450	19.19
8	Iran	1177004	1.50	54156	4.60	914194	77.67	208654	17.73
9	South Africa	954258	1.21	25657	2.69	811372	85.03	117229	12.28
10	Karnataka, India	912340	1.16	12038	1.32	886547	97.17	13755	1.51
11	Andhra Pradesh, India	879718	1.12	7085	0.81	868769	98.76	3864	0.44
12	Tamil Nadu, India	810080	1.03	12024	1.48	788742	97.37	9314	1.15

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13	Moscow, Russia	756586	0.96	10613	1.40	582772	77.03	163201	21.57
14	Kerala, India	721510	0.92	2892	0.40	655644	90.87	62974	8.73
15	Indonesia	685639	0.87	20408	2.98	558703	81.49	106528	15.54

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-12-24 :: 2020-12-24 13:02:37

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 575
 Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2503693	3.18	61614	2.46	163754	6.54	2278325	91.00
2	England, United Kingdom	1839170	2.34	60238	3.28	0	0.00	1778932	96.72
3	Iran	1177004	1.50	54156	4.60	914194	77.67	208654	17.73
4	Maharashtra, India	1906371	2.42	48969	2.57	1801700	94.51	55702	2.92
5	Sao Paulo, Brazil	1409140	1.79	45576	3.23	1222776	86.77	140788	9.99
6	Argentina	1563865	1.99	42314	2.71	1384277	88.52	137274	8.78
7	Poland	1226883	1.56	26255	2.14	965178	78.67	235450	19.19
8	South Africa	954258	1.21	25657	2.69	811372	85.03	117229	12.28
9	Rio de Janeiro, Brazil	414344	0.53	24773	5.98	380338	91.79	9233	2.23
10	Lombardia, Italy	464599	0.59	24610	5.30	379750	81.74	60239	12.97
11	Indonesia	685639	0.87	20408	2.98	558703	81.49	106528	15.54
12	Turkey	2082610	2.65	18861	0.91	1901307	91.29	162442	7.80
13	Mexico, Mexico	137348	0.17	17937	13.06	0	0.00	119411	86.94
14	Lima, Peru	443319	0.56	16624	3.75	0	0.00	426695	96.25
15	Ciudad de Mexico, Mexico	302199	0.38	15786	5.22	0	0.00	286413	94.78

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-12-24 :: 2020-12-24 13:02:37

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 575
 Unique number of distinct geographical locations combined: 3966

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Turkey	2082610	2.65	18861	0.91	1901307	91.29	162442	7.80
2	Maharashtra, India	1906371	2.42	48969	2.57	1801700	94.51	55702	2.92
3	Argentina	1563865	1.99	42314	2.71	1384277	88.52	137274	8.78
4	Sao Paulo, Brazil	1409140	1.79	45576	3.23	1222776	86.77	140788	9.99
5	Poland	1226883	1.56	26255	2.14	965178	78.67	235450	19.19
6	Iran	1177004	1.50	54156	4.60	914194	77.67	208654	17.73
7	Karnataka, India	912340	1.16	12038	1.32	886547	97.17	13755	1.51
8	Andhra Pradesh, India	879718	1.12	7085	0.81	868769	98.76	3864	0.44
9	South Africa	954258	1.21	25657	2.69	811372	85.03	117229	12.28
10	Tamil Nadu, India	810080	1.03	12024	1.48	788742	97.37	9314	1.15
11	Kerala, India	721510	0.92	2892	0.40	655644	90.87	62974	8.73
12	Delhi, India	619618	0.79	10347	1.67	601268	97.04	8003	1.29
13	Moscow, Russia	756586	0.96	10613	1.40	582772	77.03	163201	21.57
14	Indonesia	685639	0.87	20408	2.98	558703	81.49	106528	15.54

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15	Uttar Pradesh, India	577642	0.73	8245	1.43	553019	95.74	16378	2.84
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-12-24 :: 2020-12-24 13:02:37
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Number of Countries/Regions reported: 191
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```
Number of Cities/Provinces reported: 575
```

```
Unique number of distinct geographical locations combined: 3966
```

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2503693	3.18	61614	2.46	163754	6.54	2278325	91.00
2	England, United Kingdom	1839170	2.34	60238	3.28	0	0.00	1778932	96.72
3	Los Angeles, California, US	663954	0.84	9153	1.38	0	0.00	654801	98.62
4	Lima, Peru	443319	0.56	16624	3.75	0	0.00	426695	96.25
5	Cook, Illinois, US	377709	0.48	7908	2.09	0	0.00	369801	97.91
6	Madrid, Spain	382855	0.49	11683	3.05	40736	10.64	330436	86.31
7	Serbia	312253	0.40	2833	0.91	0	0.00	309420	99.09
8	Catalonia, Spain	338303	0.43	8587	2.54	26203	7.75	303513	89.72
9	Maricopa, Arizona, US	291412	0.37	4781	1.64	0	0.00	286631	98.36
10	Ciudad de Mexico, Mexico	302199	0.38	15786	5.22	0	0.00	286413	94.78
11	Miami-Dade, Florida, US	280982	0.36	4096	1.46	0	0.00	276886	98.54
12	Andalusia, Spain	256664	0.33	4912	1.91	10671	4.16	241081	93.93
13	Poland	1226883	1.56	26255	2.14	965178	78.67	235450	19.19
14	Harris, Texas, US	224245	0.28	3283	1.46	0	0.00	220962	98.54
15	Iran	1177004	1.50	54156	4.60	914194	77.67	208654	17.73

	Confirmed	Deaths	Recovered	Active
Totals	78693432	1711055	42381671	NA
Average	19842.02	431.43	10686.25	NA
Standard Deviation	99564.55	2527.87	74886.04	NA

```
* Statistical estimators computed considering 3966 independent reported entries
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*****
***** OVERALL SUMMARY*****
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```
**** Time Series Worldwide TOTS ****
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ts-confirmed	ts-deaths	ts-recovered
78704434	1730663	44323101
2.2%		56.32%

```
**** Time Series Worldwide AVGS ****
```

ts-confirmed	ts-deaths	ts-recovered
290422.27	6386.21	173137.11
2.2%		59.62%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
1396665.55	27178.31	775166.57
1.95%		55.5%

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* Statistical estimators computed considering 271/271/256 independent reported entries per case-type
