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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-22 :: 2020-11-23 01:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
```

Worldwide ts-confirmed Totals: 58649324

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		12246849	20.88	142732	178064	196004	160351	121366	82787
2	India		9139865	15.58	44059	45209	46232	29163	38073	50129
3	Brazil		6071401	10.35	18615	32622	38397	13371	10917	26979
4	France		2140829	3.65	13157	17651	22845	9072	19571	0
5	Russia		2071858	3.53	24295	24538	24059	22562	21577	16260
6	Spain		1556730	2.65	0	0	15156	38273	52386	0
7	United Kingdom		1512045	2.58	18662	19875	20252	21363	21350	23012
8	Italy		1408868	2.40	28337	34764	37239	27352	25269	19640
9	Argentina		1370366	2.34	4184	7140	9608	7893	8317	11968
10	Colombia		1248417	2.13	7924	7049	7954	6471	5177	8769
11	Mexico		1041875	1.78	15906	0	6426	2874	4960	6025
12	Peru		948081	1.62	0	4164	3986	2112	2323	3240
13	Germany		932367	1.59	4377	13872	22593	14580	6522	10458
14	Poland		861331	1.47	17856	24213	22464	20816	21713	13628
15	Iran		854361	1.46	13053	12931	13260	13053	10463	5814

Global Perc. Average: 0.37 (sd: 1.76)

Global Perc. Average in top 15 : 4.93 (sd: 5.91)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-11-22 :: 2020-11-23 01:02:32
#####
Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 269
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Worldwide ts-deaths Totals: 1388068

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		256782	2.10	921	1448	1878	758	696	942
2	Brazil		169183	2.79	194	376	552	216	231	432
3	India		133738	1.46	511	501	564	449	448	578
4	Mexico		101676	9.76	853	0	719	319	198	431
5	United Kingdom		55024	3.64	398	340	511	213	194	174
6	Italy		49823	3.54	562	692	699	504	356	151
7	France		48398	2.26	214	252	1137	504	546	0
8	Iran		44802	5.24	475	431	479	486	458	335
9	Spain		42619	2.74	0	0	328	484	512	0
10	Argentina		37002	2.70	100	112	258	291	347	275
11	Russia		35838	1.73	396	462	455	299	254	294
12	Peru		35549	3.75	0	103	129	54	58	49
13	Colombia		35287	2.83	183	175	168	192	183	198
14	South Africa		20903	2.72	58	86	88	73	36	53

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15	Indonesia	15884	3.19	110	96	78	85	75	128
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-22 :: 2020-11-23 01:02:33
#####
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: 37486362

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		8562641	41024	43493	49715	40791	42033	62077
2	Brazil		5457973	20784	6293	24830	56046	16054	0
3	US		4526513	-3187	71770	47221	69927	47354	31229
4	Russia		1582768	17871	25545	24407	13828	10640	11419
5	Argentina		1195492	8439	9234	10305	11094	10666	14418
6	Colombia		1150932	6009	6342	6188	6911	8935	5727
7	Peru		879439	5469	2436	0	6960	0	3761
8	Mexico		779104	8376	0	4367	4010	0	6005
9	South Africa		710099	2315	744	4496	2029	1038	1118
10	Germany		611627	10636	13211	16819	16599	22470	3777
11	Iran		603445	7309	7111	5321	5881	5312	4206
12	Italy		553098	13574	19502	21035	21554	10215	2309
13	Chile		516121	1537	1657	1053	1367	1493	5410
14	Iraq		465452	2412	2646	2904	2526	3305	3021
15	Poland		423971	16896	25275	19914	11239	10008	4252

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-23 :: 2020-11-23 01:02:33
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Number of Countries/Regions reported: 191
Number of Cities/Provinces reported: 572
Unique number of distinct geographical locations combined: 3964
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2140829	3.65	48398	2.26	129722	6.06	1962709	91.68
2	Maharashtra, India	1780208	3.04	46623	2.62	1651064	92.75	82521	4.64
3	Argentina	1370366	2.34	37002	2.70	1195492	87.24	137872	10.06
4	England, United Kingdom	1301559	2.22	48212	3.70	0	0.00	1253347	96.30
5	Sao Paulo, Brazil	1209588	2.06	41267	3.41	1082032	89.45	86289	7.13
6	Karnataka, India	873046	1.49	11654	1.33	836505	95.81	24887	2.85
7	Andhra Pradesh, India	862213	1.47	6938	0.80	841026	97.54	14249	1.65
8	Poland	861331	1.47	13618	1.58	423971	49.22	423742	49.20
9	Iran	854361	1.46	44802	5.24	603445	70.63	206114	24.12
10	Tamil Nadu, India	769995	1.31	11605	1.51	745848	96.86	12542	1.63
11	South Africa	767679	1.31	20903	2.72	710099	92.50	36677	4.78
12	Kerala, India	562695	0.96	2049	0.36	494664	87.91	65982	11.73

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13	Moscow, Russia	553713	0.94	8308	1.50	405577	73.25	139828	25.25
14	Iraq	535321	0.91	11958	2.23	465452	86.95	57911	10.82
15	Delhi, India	529863	0.90	8391	1.58	481260	90.83	40212	7.59

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-23 :: 2020-11-23 01:02:33

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2140829	3.65	48398	2.26	129722	6.06	1962709	91.68
2	England, United Kingdom	1301559	2.22	48212	3.70	0	0.00	1253347	96.30
3	Maharashtra, India	1780208	3.04	46623	2.62	1651064	92.75	82521	4.64
4	Iran	854361	1.46	44802	5.24	603445	70.63	206114	24.12
5	Sao Paulo, Brazil	1209588	2.06	41267	3.41	1082032	89.45	86289	7.13
6	Argentina	1370366	2.34	37002	2.70	1195492	87.24	137872	10.06
7	Rio de Janeiro, Brazil	338203	0.58	21974	6.50	309320	91.46	6909	2.04
8	South Africa	767679	1.31	20903	2.72	710099	92.50	36677	4.78
9	Lombardia, Italy	371610	0.63	20524	5.52	186680	50.24	164406	44.24
10	Lima, Peru	424399	0.72	15956	3.76	0	0.00	408443	96.24
11	Indonesia	497668	0.85	15884	3.19	418188	84.03	63596	12.78
12	Mexico, Mexico	105470	0.18	15149	14.36	0	0.00	90321	85.64
13	Poland	861331	1.47	13618	1.58	423971	49.22	423742	49.20
14	Ecuador	185643	0.32	13201	7.11	164009	88.35	8433	4.54
15	Ciudad de Mexico, Mexico	187229	0.32	12988	6.94	0	0.00	174241	93.06

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-23 :: 2020-11-23 01:02:33

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Number of Countries/Regions reported: 191
 Number of Cities/Provinces reported: 572
 Unique number of distinct geographical locations combined: 3964

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1780208	3.04	46623	2.62	1651064	92.75	82521	4.64
2	Argentina	1370366	2.34	37002	2.70	1195492	87.24	137872	10.06
3	Sao Paulo, Brazil	1209588	2.06	41267	3.41	1082032	89.45	86289	7.13
4	Andhra Pradesh, India	862213	1.47	6938	0.80	841026	97.54	14249	1.65
5	Karnataka, India	873046	1.49	11654	1.33	836505	95.81	24887	2.85
6	Tamil Nadu, India	769995	1.31	11605	1.51	745848	96.86	12542	1.63
7	South Africa	767679	1.31	20903	2.72	710099	92.50	36677	4.78
8	Iran	854361	1.46	44802	5.24	603445	70.63	206114	24.12
9	Uttar Pradesh, India	526780	0.90	7559	1.43	495415	94.05	23806	4.52
10	Kerala, India	562695	0.96	2049	0.36	494664	87.91	65982	11.73
11	Delhi, India	529863	0.90	8391	1.58	481260	90.83	40212	7.59
12	Iraq	535321	0.91	11958	2.23	465452	86.95	57911	10.82
13	Poland	861331	1.47	13618	1.58	423971	49.22	423742	49.20
14	West Bengal, India	456361	0.78	8025	1.76	423129	92.72	25207	5.52

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15	Indonesia	497668	0.85	15884	3.19	418188	84.03	63596	12.78
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-23 :: 2020-11-23 01:02:33
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Number of Countries/Regions reported: 191
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```
Number of Cities/Provinces reported: 572
```

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Unique number of distinct geographical locations combined: 3964
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	France	2140829	3.65	48398	2.26	129722	6.06	1962709	91.68
2	England, United Kingdom	1301559	2.22	48212	3.70	0	0.00	1253347	96.30
3	Poland	861331	1.47	13618	1.58	423971	49.22	423742	49.20
4	Lima, Peru	424399	0.72	15956	3.76	0	0.00	408443	96.24
5	Los Angeles, California, US	364520	0.62	7438	2.04	0	0.00	357082	97.96
6	Madrid, Spain	339405	0.58	11201	3.30	40736	12.00	287468	84.70
7	Cook, Illinois, US	280896	0.48	6303	2.24	0	0.00	274593	97.76
8	Catalonia, Spain	292348	0.50	7495	2.56	26203	8.96	258650	88.47
9	Miami-Dade, Florida, US	214943	0.37	3766	1.75	0	0.00	211177	98.25
10	Iran	854361	1.46	44802	5.24	603445	70.63	206114	24.12
11	Andalusia, Spain	212439	0.36	3527	1.66	10671	5.02	198241	93.32
12	Maricopa, Arizona, US	190034	0.32	3896	2.05	0	0.00	186138	97.95
13	Harris, Texas, US	182192	0.31	2965	1.63	0	0.00	179227	98.37
14	Ciudad de Mexico, Mexico	187229	0.32	12988	6.94	0	0.00	174241	93.06
15	Lombardia, Italy	371610	0.63	20524	5.52	186680	50.24	164406	44.24

	Confirmed	Deaths	Recovered	Active
Totals	58639867	1371002	31301306	NA
Average	14793.1	345.86	7896.39	NA
Standard Deviation	77816.84	2115.8	57111.78	NA

```
* Statistical estimators computed considering 3964 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
58649324	1388068	37486362
2.37%		63.92%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
218027.23	5160.1	146431.1
2.37%		67.16%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
1032531.36	22485.85	710934.6
2.18%		68.85%

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* Statistical estimators computed considering 269/269/256 independent reported entries per case-type
