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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-11-15 :: 2020-11-16 01:02:31
#####
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-confirmed Totals: 54370186

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		11036935	20.30	133045	166555	177224	119944	81880	57073
2	India		8845127	16.27	30548	41100	44684	38073	38310	61871
3	Brazil		5863093	10.78	14134	38307	29070	10917	8501	24062
4	Russia		1910149	3.51	22313	22441	21717	21577	18017	14703
5	France		1867721	3.44	0	0	0	19836	51765	-4
6	Spain		1458591	2.68	0	0	21371	52386	55019	0
7	United Kingdom		1369318	2.52	24962	26860	27301	21350	18950	16171
8	Argentina		1310491	2.41	5645	8468	11859	8317	9598	13510
9	Colombia		1198746	2.20	7112	8937	8685	5177	9935	7017
10	Italy		1178529	2.17	33977	37249	40902	25269	22253	10925
11	Mexico		1006522	1.85	3269	5860	5558	4960	3763	5447
12	Peru		934899	1.72	2249	2413	2231	2323	0	2677
13	Germany		802946	1.48	3213	14640	22261	6522	25252	4862
14	Iran		762068	1.40	12543	11203	11737	10463	8289	4103
15	South Africa		751024	1.38	1842	2237	2213	1247	772	1928

Global Perc. Average: 0.37 (sd: 1.77)

Global Perc. Average in top 15 : 4.94 (sd: 5.93)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-11-15 :: 2020-11-16 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: 1317139

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		246214	2.23	616	1266	1138	698	536	745
2	Brazil		165798	2.83	140	921	456	231	179	461
3	India		130070	1.47	435	447	520	448	490	1033
4	Mexico		98542	9.79	283	635	568	198	205	355
5	United Kingdom		51934	3.79	168	462	376	194	136	150
6	Italy		45229	3.84	546	544	550	356	233	47
7	France		42215	2.26	0	0	0	547	416	0
8	Iran		41493	5.44	459	452	461	458	440	253
9	Spain		40769	2.80	0	0	308	512	379	0
10	Argentina		35436	2.70	129	262	263	347	483	384
11	Peru		35177	3.76	71	39	36	58	0	71
12	Colombia		34031	2.84	202	160	178	183	138	187
13	Russia		32885	1.72	349	380	401	254	238	277
14	South Africa		20241	2.70	35	53	77	36	54	38

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15	Indonesia	15211	3.26	63	111	104	75	101	84
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#####
#### TS-RECOVERED Cases -- Data dated: 2020-11-15 :: 2020-11-16 01:02:32
#####
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: 34955148

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		8249579	43851	42156	47992	42033	58323	72614
2	Brazil		5279452	0	4640	20355	16054	17100	0
3	US		4174884	26440	53298	43890	47354	44402	23034
4	Russia		1429565	14352	18362	18388	10640	10302	8499
5	Argentina		1129102	9736	8889	10297	10666	12700	12673
6	Colombia		1104956	7380	8236	7649	8935	7992	10466
7	Peru		858388	0	2365	2815	0	5415	5279
8	Mexico		750190	4829	4021	5143	0	8840	3598
9	South Africa		693467	206	1084	1274	1038	2170	1176
10	Iran		558818	6071	6105	5076	5312	4556	3011
11	Chile		506700	1457	1703	1065	1493	1359	1615
12	Germany		505714	6718	11083	13705	22470	8954	2102
13	Iraq		447039	2813	2370	2628	3305	2995	3329
14	Italy		420810	9376	12196	11480	10215	3637	1255
15	Indonesia		391991	3897	3000	3010	3968	3624	4048

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-11-16 :: 2020-11-16 01:02:33
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Number of Countries/Regions reported: 190
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	Maharashtra, India	1747242	3.33	45974	2.63	1615379	92.45	85889	4.92
2	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14
3	England, United Kingdom	1174979	2.24	45592	3.88	0	0.00	1129387	96.12
4	Sao Paulo, Brazil	1168640	2.23	40564	3.47	1051778	90.00	76298	6.53
5	Karnataka, India	861647	1.64	11529	1.34	822953	95.51	27165	3.15
6	Andhra Pradesh, India	854011	1.63	6868	0.80	828484	97.01	18659	2.18
7	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
8	Tamil Nadu, India	758191	1.45	11478	1.51	730272	96.32	16441	2.17
9	South Africa	751024	1.43	20241	2.70	693467	92.34	37316	4.97
10	Poland	712972	1.36	10348	1.45	294783	41.35	407841	57.20
11	Kerala, India	524998	1.00	1869	0.36	448207	85.37	74922	14.27
12	Iraq	519152	0.99	11670	2.25	447039	86.11	60443	11.64

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13	Uttar Pradesh, India	511304	0.97	7372	1.44	480965	94.07	22967	4.49
14	Moscow, Russia	510214	0.97	7787	1.53	367613	72.05	134814	26.42
15	Delhi, India	485405	0.93	7614	1.57	437801	90.19	39990	8.24

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AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-11-16 :: 2020-11-16 01:02:33

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Number of Countries/Regions reported: 190
 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	1747242	3.33	45974	2.63	1615379	92.45	85889	4.92
2	England, United Kingdom	1174979	2.24	45592	3.88	0	0.00	1129387	96.12
3	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
4	Sao Paulo, Brazil	1168640	2.23	40564	3.47	1051778	90.00	76298	6.53
5	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14
6	Rio de Janeiro, Brazil	326956	0.62	21294	6.51	297514	91.00	8148	2.49
7	South Africa	751024	1.43	20241	2.70	693467	92.34	37316	4.97
8	Lombardia, Italy	320780	0.61	19367	6.04	138872	43.29	162541	50.67
9	Lima, Peru	419479	0.80	15800	3.77	0	0.00	403679	96.23
10	Indonesia	467113	0.89	15211	3.26	391991	83.92	59911	12.83
11	Mexico, Mexico	103394	0.20	14775	14.29	0	0.00	88619	85.71
12	Ecuador	180295	0.34	13008	7.21	160639	89.10	6648	3.69
13	Ciudad de Mexico, Mexico	179791	0.34	12593	7.00	0	0.00	167198	93.00
14	Iraq	519152	0.99	11670	2.25	447039	86.11	60443	11.64
15	Karnataka, India	861647	1.64	11529	1.34	822953	95.51	27165	3.15

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AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-11-16 :: 2020-11-16 01:02:33

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Number of Countries/Regions reported: 190
 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	1747242	3.33	45974	2.63	1615379	92.45	85889	4.92
2	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14
3	Sao Paulo, Brazil	1168640	2.23	40564	3.47	1051778	90.00	76298	6.53
4	Andhra Pradesh, India	854011	1.63	6868	0.80	828484	97.01	18659	2.18
5	Karnataka, India	861647	1.64	11529	1.34	822953	95.51	27165	3.15
6	Tamil Nadu, India	758191	1.45	11478	1.51	730272	96.32	16441	2.17
7	South Africa	751024	1.43	20241	2.70	693467	92.34	37316	4.97
8	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
9	Uttar Pradesh, India	511304	0.97	7372	1.44	480965	94.07	22967	4.49
10	Kerala, India	524998	1.00	1869	0.36	448207	85.37	74922	14.27
11	Iraq	519152	0.99	11670	2.25	447039	86.11	60443	11.64
12	Delhi, India	485405	0.93	7614	1.57	437801	90.19	39990	8.24
13	West Bengal, India	431551	0.82	7661	1.78	394576	91.43	29314	6.79
14	Indonesia	467113	0.89	15211	3.26	391991	83.92	59911	12.83

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15	Philippines	407838	0.78	7832	1.92	374329	91.78	25677	6.30
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##### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-11-16 :: 2020-11-16 01:02:33
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Number of Countries/Regions reported: 190
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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	England, United Kingdom	1174979	2.24	45592	3.88	0	0.00	1129387	96.12
2	Poland	712972	1.36	10348	1.45	294783	41.35	407841	57.20
3	Lima, Peru	419479	0.80	15800	3.77	0	0.00	403679	96.23
4	Los Angeles, California, US	339560	0.65	7269	2.14	0	0.00	332291	97.86
5	Madrid, Spain	330483	0.63	11053	3.34	40736	12.33	278694	84.33
6	Cook, Illinois, US	251101	0.48	5996	2.39	0	0.00	245105	97.61
7	Catalonia, Spain	278161	0.53	7362	2.65	26203	9.42	244596	87.93
8	Miami-Dade, Florida, US	202644	0.39	3709	1.83	0	0.00	198935	98.17
9	Andalusia, Spain	189744	0.36	3155	1.66	10671	5.62	175918	92.71
10	Maricopa, Arizona, US	176204	0.34	3798	2.16	0	0.00	172406	97.84
11	Harris, Texas, US	174493	0.33	2909	1.67	0	0.00	171584	98.33
12	Ciudad de Mexico, Mexico	179791	0.34	12593	7.00	0	0.00	167198	93.00
13	Lombardia, Italy	320780	0.61	19367	6.04	138872	43.29	162541	50.67
14	Iran	762068	1.45	41493	5.44	558818	73.33	161757	21.23
15	Argentina	1310491	2.50	35436	2.70	1129102	86.16	145953	11.14

	Confirmed	Deaths	Recovered	Active
Totals	52465174	1259818	29046806	NA
Average	13235.41	317.81	7327.65	NA
Standard Deviation	66464.28	1893.13	54529.86	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
54370186	1317139	34955148
2.42%		64.29%

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**** Time Series Worldwide AVGS ****
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ts-confirmed	ts-deaths	ts-recovered
202119.65	4896.43	136543.55
2.42%		67.56%

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**** Time Series Worldwide SDS ****
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ts-confirmed	ts-deaths	ts-recovered
959905.8	21647.7	679707.86
2.26%		70.81%

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