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## covid19-SummaryReport\_2020-09-16.txt

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#####
#### TS-CONFIRMED Cases -- Data dated: 2020-09-15 :: 2020-09-16 13:02:25
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-confirmed Totals: 29558869

	Country.Region	Province.State	Totals	GlobalPerc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		6593269	22.31	39617	33530	34999	33203	39670	35112
2	India		5020359	16.98	173932	0	92071	95735	83883	55018
3	Brazil		4382263	14.83	36653	15155	14768	35816	46934	19373
4	Russia		1069873	3.62	5435	5414	5361	5172	4893	4839
5	Peru		733860	2.48	4241	6787	6162	4615	5092	10143
6	Colombia		728590	2.46	6698	5573	7355	15318	9295	8328
7	Mexico		676487	2.29	4771	3335	4408	4461	4921	3571
8	South Africa		651521	2.20	772	956	1579	1990	2336	2541
9	Spain		603167	2.04	9437	27404	0	8866	8581	16269
10	Argentina		577338	1.95	11892	9909	9056	12259	10933	4557
11	Chile		437983	1.48	1550	1685	2082	1486	1594	1556
12	France		412360	1.40	7796	22657	0	8507	6779	3344
13	Iran		407353	1.38	2705	2619	2089	2313	1858	2247
14	United Kingdom		374228	1.27	3103	2621	3330	2659	1508	713
15	Bangladesh		341056	1.15	1724	1812	1476	1827	2582	2595

Global Perc. Average: 0.38 (sd: 1.97)

Global Perc. Average in top 15 : 5.19 (sd: 6.84)

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#####
#### TS-DEATHS Cases -- Data dated: 2020-09-15 :: 2020-09-16 13:02:25
#####
Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 82
Unique number of distinct geographical locations combined: 266
```

Worldwide ts-deaths Totals: 934857

	Country.Region	Province.State	Totals	Perc	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	US		195786	2.97	1293	422	378	1206	1056	446
2	Brazil		133119	3.04	1113	381	415	1075	1184	684
3	India		82066	1.63	2344	0	1136	1172	1043	876
4	Mexico		71678	10.60	629	228	217	565	575	266
5	United Kingdom		41664	11.13	27	9	5	8	10	3
6	Italy		35633	12.29	9	14	7	14	6	4
7	France		30838	7.48	48	55	0	30	21	23
8	Peru		30812	4.20	102	184	56	147	124	206
9	Spain		30004	4.97	156	101	0	34	42	29
10	Iran		23453	5.76	140	156	128	127	125	165
11	Colombia		23288	3.20	165	199	190	442	295	275
12	Russia		18723	1.75	150	56	91	141	115	54
13	South Africa		15641	2.40	142	52	20	82	126	143
14	Chile		12040	2.75	27	64	54	20	23	61

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15 Argentina 11852 2.05 185 315 89 253 199 111

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#####
#### TS-RECOVERED Cases -- Data dated: 2020-09-15 :: 2020-09-16 13:02:26
#####
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: 20078979

	Country.Region	Province.State	Totals	LastDayChange	t-2	t-3	t-7	t-14	t-30
1	India		3942360	162253	0	77512	72939	68584	57829
2	Brazil		3811505	41367	46932	0	39211	42069	44063
3	US		2495127	20557	23164	16748	28368	29094	32513
4	Russia		881693	5541	2468	2684	6323	5440	3129
5	Colombia		607978	1053	7540	6565	23868	10015	14089
6	South Africa		583126	3837	1383	1483	2206	3463	5294
7	Peru		573364	6568	7475	0	14708	8578	5350
8	Mexico		569546	5493	6672	6268	3373	2819	6542
9	Argentina		438883	9930	9440	9742	15900	7154	6148
10	Chile		409944	2219	1399	1407	1825	1893	1557
11	Iran		349984	1971	1771	1726	1697	1677	1671
12	Saudi Arabia		305022	1092	1060	1034	720	996	1432
13	Pakistan		290760	499	455	377	1152	955	0
14	Turkey		261260	1202	1225	1102	943	947	1002
15	Bangladesh		245594	2439	2512	2372	2995	2839	1641

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#####
#### AGGREGATED Data -- ORDERED BY CONFIRMED Cases -- Data dated: 2020-09-16 :: 2020-09-16 13:02:26
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Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 559  
 Unique number of distinct geographical locations combined: 3939

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1097856	3.78	30409	2.77	775273	70.62	292174	26.61
2	Sao Paulo, Brazil	901271	3.10	32963	3.66	763246	84.69	105062	11.66
3	South Africa	651521	2.24	15641	2.40	583126	89.50	52754	8.10
4	Andhra Pradesh, India	583925	2.01	5041	0.86	486531	83.32	92353	15.82
5	Argentina	577338	1.99	11852	2.05	438883	76.02	126603	21.93
6	Tamil Nadu, India	514208	1.77	8502	1.65	458900	89.24	46806	9.10
7	Karnataka, India	475265	1.64	7481	1.57	369229	77.69	98555	20.74
8	Iran	407353	1.40	23453	5.76	349984	85.92	33916	8.33
9	Bangladesh	341056	1.17	4802	1.41	245594	72.01	90660	26.58
10	Lima, Peru	340912	1.17	13780	4.04	0	0.00	327132	95.96
11	Saudi Arabia	326930	1.13	4338	1.33	305022	93.30	17570	5.37
12	Uttar Pradesh, India	324036	1.12	4604	1.42	252097	77.80	67335	20.78

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13	England, United Kingdom	323029	1.11	36996	11.45	0	0.00	286033	88.55
14	Iraq	298702	1.03	8166	2.73	233346	78.12	57190	19.15
15	Turkey	294620	1.01	7186	2.44	261260	88.68	26174	8.88

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#### AGGREGATED Data -- ORDERED BY DEATHS Cases -- Data dated: 2020-09-16 :: 2020-09-16 13:02:26

#####

Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 559  
 Unique number of distinct geographical locations combined: 3939

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	England, United Kingdom	323029	1.11	36996	11.45	0	0.00	286033	88.55
2	Sao Paulo, Brazil	901271	3.10	32963	3.66	763246	84.69	105062	11.66
3	Maharashtra, India	1097856	3.78	30409	2.77	775273	70.62	292174	26.61
4	Iran	407353	1.40	23453	5.76	349984	85.92	33916	8.33
5	Rio de Janeiro, Brazil	244418	0.84	17180	7.03	220651	90.28	6587	2.69
6	Lombardia, Italy	103640	0.36	16903	16.31	77938	75.20	8799	8.49
7	South Africa	651521	2.24	15641	2.40	583126	89.50	52754	8.10
8	Lima, Peru	340912	1.17	13780	4.04	0	0.00	327132	95.96
9	Argentina	577338	1.99	11852	2.05	438883	76.02	126603	21.93
10	Ciudad de Mexico, Mexico	113118	0.39	11318	10.01	94858	83.86	6942	6.14
11	Ecuador	119553	0.41	10963	9.17	97063	81.19	11527	9.64
12	Belgium	94795	0.33	9930	10.48	18789	19.82	66076	69.70
13	Indonesia	225030	0.78	8965	3.98	161065	71.57	55000	24.44
14	Madrid, Spain	174680	0.60	8925	5.11	40736	23.32	125019	71.57
15	Metropolitana, Chile	280938	0.97	8914	3.17	267678	95.28	4346	1.55

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#### AGGREGATED Data -- ORDERED BY RECOVERED Cases -- Data dated: 2020-09-16 :: 2020-09-16 13:02:26

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Number of Countries/Regions reported: 188  
 Number of Cities/Provinces reported: 559  
 Unique number of distinct geographical locations combined: 3939

	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Maharashtra, India	1097856	3.78	30409	2.77	775273	70.62	292174	26.61
2	Sao Paulo, Brazil	901271	3.10	32963	3.66	763246	84.69	105062	11.66
3	South Africa	651521	2.24	15641	2.40	583126	89.50	52754	8.10
4	Andhra Pradesh, India	583925	2.01	5041	0.86	486531	83.32	92353	15.82
5	Tamil Nadu, India	514208	1.77	8502	1.65	458900	89.24	46806	9.10
6	Argentina	577338	1.99	11852	2.05	438883	76.02	126603	21.93
7	Karnataka, India	475265	1.64	7481	1.57	369229	77.69	98555	20.74
8	Iran	407353	1.40	23453	5.76	349984	85.92	33916	8.33
9	Saudi Arabia	326930	1.13	4338	1.33	305022	93.30	17570	5.37
10	Bahia, Brazil	285448	0.98	6040	2.12	272127	95.33	7281	2.55
11	Metropolitana, Chile	280938	0.97	8914	3.17	267678	95.28	4346	1.55
12	Turkey	294620	1.01	7186	2.44	261260	88.68	26174	8.88
13	Uttar Pradesh, India	324036	1.12	4604	1.42	252097	77.80	67335	20.78
14	Bangladesh	341056	1.17	4802	1.41	245594	72.01	90660	26.58

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15          Iraq      298702      1.03    8166      2.73    233346      78.12    57190      19.15
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#####
#### AGGREGATED Data -- ORDERED BY ACTIVE Cases -- Data dated: 2020-09-16 :: 2020-09-16 13:02:26
#####

Number of Countries/Regions reported: 188
Number of Cities/Provinces reported: 559
Unique number of distinct geographical locations combined: 3939
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	Location	Confirmed	Perc.Confirmed	Deaths	Perc.Deaths	Recovered	Perc.Recovered	Active	Perc.Active
1	Lima, Peru	340912	1.17	13780	4.04	0	0.00	327132	95.96
2	Maharashtra, India	1097856	3.78	30409	2.77	775273	70.62	292174	26.61
3	England, United Kingdom	323029	1.11	36996	11.45	0	0.00	286033	88.55
4	Los Angeles, California, US	255049	0.88	6273	2.46	0	0.00	248776	97.54
5	Miami-Dade, Florida, US	164688	0.57	2923	1.77	0	0.00	161765	98.23
6	Maricopa, Arizona, US	137870	0.47	3172	2.30	0	0.00	134698	97.70
7	Cook, Illinois, US	135690	0.47	5137	3.79	0	0.00	130553	96.21
8	Argentina	577338	1.99	11852	2.05	438883	76.02	126603	21.93
9	Madrid, Spain	174680	0.60	8925	5.11	40736	23.32	125019	71.57
10	Harris, Texas, US	120336	0.41	2440	2.03	0	0.00	117896	97.97
11	Sao Paulo, Brazil	901271	3.10	32963	3.66	763246	84.69	105062	11.66
12	Karnataka, India	475265	1.64	7481	1.57	369229	77.69	98555	20.74
13	Andhra Pradesh, India	583925	2.01	5041	0.86	486531	83.32	92353	15.82
14	Catalonia, Spain	123393	0.42	5780	4.68	26203	21.24	91410	74.08
15	Bangladesh	341056	1.17	4802	1.41	245594	72.01	90660	26.58

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	Confirmed	Deaths	Recovered	Active
Totals	29034514	900912	16849185	NA
Average	7371.04	228.72	4277.53	NA
Standard Deviation	39633.24	1364.62	31226.25	NA

```

* Statistical estimators computed considering 3939 independent reported entries

*****
***** OVERALL SUMMARY*****
*****
**** Time Series Worldwide TOTS ****
ts-confirmed ts-deaths ts-recovered
29558869      934857 20078979
3.16%        67.93%
**** Time Series Worldwide AVGS ****
ts-confirmed ts-deaths ts-recovered
111123.57     3514.5 79363.55
3.16%        71.42%
**** Time Series Worldwide SDS ****
ts-confirmed ts-deaths ts-recovered
583220.91     16637.07 388665.56
2.85%        66.64%

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\* Statistical estimators computed considering 266/266/253 independent reported entries per case-type  
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