

COVID-19 CORONAVIRUS PANDEMIC

Last updated: March 30, 2020, 19:21 GMT

[Case Graphs \(/coronavirus/coronavirus-cases/\)](#) - [Death Graphs \(/coronavirus/coronavirus-death-toll/\)](#) - [Countries](#) - [Death Rate \(/coronavirus/coronavirus-death-rate/\)](#) - [Incubation \(/coronavirus/coronavirus-incubation-period/\)](#) - [Age \(/coronavirus/coronavirus-age-sex-demographics/\)](#) - [Symptoms \(/coronavirus/coronavirus-symptoms/\)](#) - [News](#)

Coronavirus Cases:

770,293

[view by country](#)

Deaths:

36,939

Recovered:

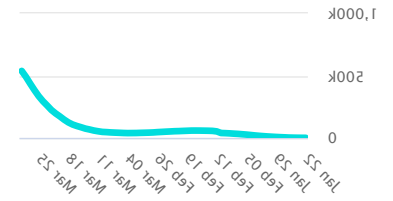
160,243

ACTIVE CASES

573,111

Currently Infected Patients

543,652 (95%)
in Mild Condition



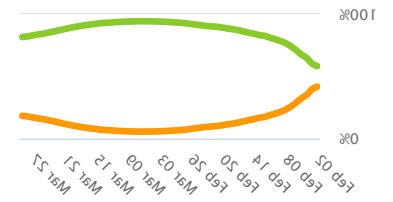
[State Graphs](#)

CLOSED CASES

197,182

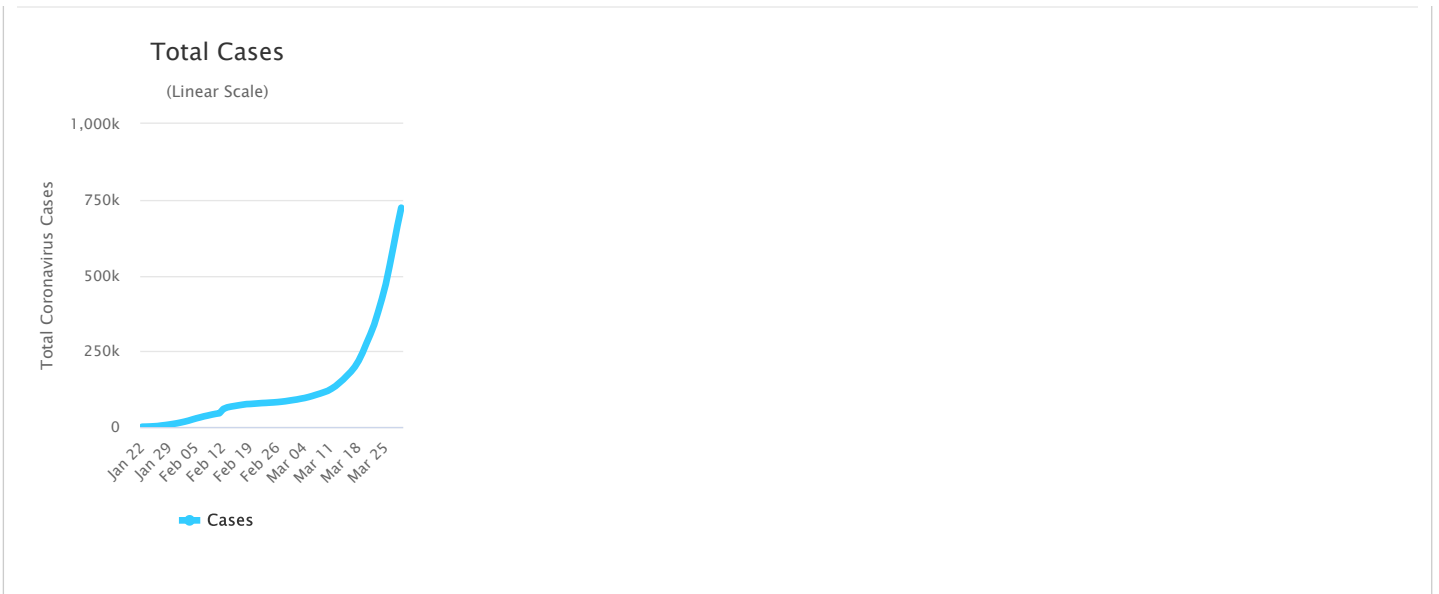
Cases which had an outcome:

160,243 (81%)
Recovered / Discharged

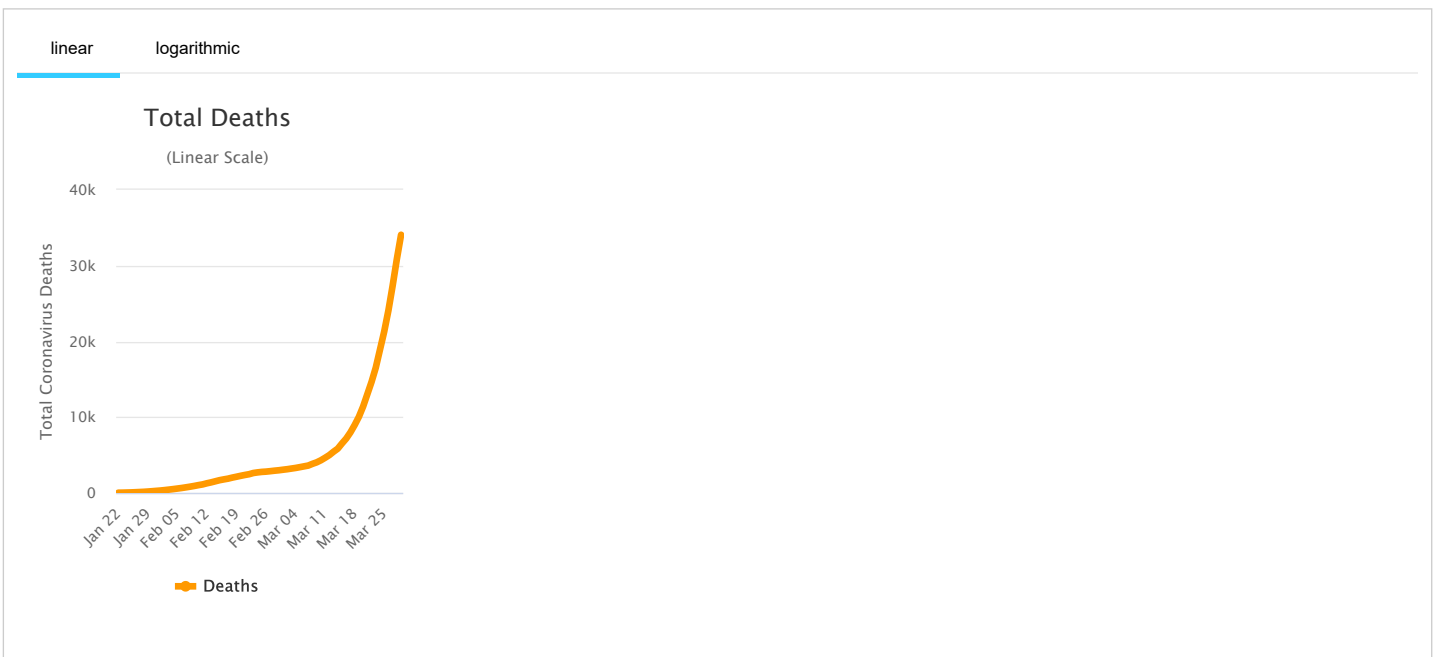


[State Graphs](#)

linear logarithmic



[More Case Statistics \(/coronavirus/coronavirus-cases/\)](/coronavirus/coronavirus-cases/)

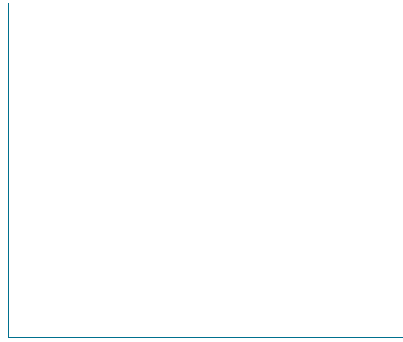


[More Death Statistics \(/coronavirus/coronavirus-death-toll/\)](/coronavirus/coronavirus-death-toll/)

The charts above are updated after the close of the day in GMT+0. Latest data is provisional, pending delayed reporting and adjustments from China's NHC.

Useful info:

- **[Symptoms \(/coronavirus/coronavirus-symptoms/\)](/coronavirus/coronavirus-symptoms/)**
- **[Incubation Period \(/coronavirus/coronavirus-incubation-period/\)](/coronavirus/coronavirus-incubation-period/)**
- **[Mortality Rate \(/coronavirus/coronavirus-death-rate/\)](/coronavirus/coronavirus-death-rate/)** [\(/coronavirus/coronavirus-death-rate/\)](/coronavirus/coronavirus-death-rate/)
- **[Age, Sex, and existing conditions of Deaths \(/coronavirus/coronavirus-age-sex-demographics/\)](/coronavirus/coronavirus-age-sex-demographics/)**



Confirmed Cases and Deaths by Country, Territory, or Conveyance

The **coronavirus** COVID-19 is affecting **200 countries and territories** around the world and **2 international conveyances**: the *Diamond Princess* cruise ship harbored in Yokohama, Japan, and the Holland America's *MS Zaandam* cruise ship. **The day is reset after midnight GMT+0.**

[Report coronavirus cases \(/report_us/\)](#)

Now Yesterday

Search:

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Reported 1 st case
World	770,293	+46,903	36,939	+2,874	160,243	573,111	29,459	98.8	4.7	Jan 10
USA (country/us/)	156,818	+13,327	2,871	+288	5,211	148,736	3,402	474	9	Jan 20
Italy (country/italy/)	101,739	+4,050	11,591	+812	14,620	75,528	3,981	1,683	192	Jan 29
Spain (country/spain/)	85,195	+5,085	7,340	+537	16,780	61,075	5,231	1,822	157	Jan 30
China (country/china/)	81,470	+31	3,304	+4	75,700	2,466	633	57	2	Jan 10
Germany (country/germany/)	63,929	+1,494	560	+19	9,211	54,158	1,979	763	7	Jan 26
France (country/france/)	44,550	+4,376	3,024	+418	7,927	33,599	5,056	683	46	Jan 23
Iran (country/iran/)	41,495	+3,186	2,757	+117	13,911	24,827	3,511	494	33	Feb 18
UK (country/uk/)	22,141	+2,619	1,408	+180	135	20,598	163	326	21	Jan 30
Switzerland (country/switzerland/)	15,760	+931	348	+48	1,823	13,589	301	1,821	40	Feb 24
Belgium (country/belgium/)	11,899	+1,063	513	+82	1,527	9,859	927	1,027	44	Feb 03

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/1M pop	Deaths/1M pop	Reported 1 st case
<u>Netherlands</u> (country/netherlands/)	11,750	+884	864	+93	250	10,636	1,053	686	50	Feb 26
<u>Turkey</u> (country/turkey/)	10,827	+1,610	168	+37	162	10,497	568	128	2	Mar 09
<u>S. Korea</u> (country/south-korea/)	9,661	+78	158	+6	5,228	4,275	59	188	3	Jan 19
<u>Austria</u> (country/austria/)	9,597	+809	108	+22	636	8,853	193	1,066	12	Feb 24
<u>Canada</u> (country/canada/)	7,297	+977	67	+2	1,014	6,216	120	193	2	Jan 24
<u>Portugal</u> (country/portugal/)	6,408	+446	140	+21	43	6,225	164	628	14	Mar 01
<u>Israel</u> (country/israel/)	4,695	+448	16	+1	134	4,545	66	542	2	Feb 20
<u>Norway</u> (country/norway/)	4,445	+161	32	+6	12	4,401	97	820	6	Feb 25
<u>Brazil</u> (country/brazil/)	4,371	+115	141	+5	120	4,110	296	21	0.7	Feb 24
<u>Australia</u> (country/australia/)	4,245	+82	18	+1	244	3,983	28	166	0.7	Jan 24
<u>Sweden</u> (country/sweden/)	4,028	+328	146	+36	16	3,866	306	399	14	Jan 30
Czechia	2,942	+125	23	+7	25	2,894	52	275	2	Feb 29
<u>Ireland</u> (country/ireland/)	2,910	+295	54	+8	5	2,851	77	589	11	Feb 28
<u>Malaysia</u> (country/malaysia/)	2,626	+156	37	+2	479	2,110	94	81	1	Jan 24
<u>Denmark</u> (country/denmark/)	2,577	+182	77	+5	1	2,499	137	445	13	Feb 26
Chile	2,449	+310	8	+1	156	2,285	14	128	0.4	Mar 02
<u>Poland</u> (country/poland/)	2,055	+193	31	+9	7	2,017	3	54	0.8	Mar 03
Luxembourg	1,988	+38	22	+1	40	1,926	25	3,176	35	Feb 28
Ecuador	1,962	+38	60	+2	3	1,899	58	111	3	Feb 28
Romania	1,952	+137	52	+9	209	1,691	33	101	3	Feb 25
Japan	1,866		54		424	1,388	56	15	0.4	Jan 14
Russia	1,836	+302	9	+1	66	1,761	8	13	0.06	Jan 30
Pakistan	1,690	+93	21	+7	76	1,593	11	8	0.10	Feb 25
<u>Philippines</u> (country/philippines/)	1,546	+128	78	+7	42	1,426	1	14	0.7	Jan 29
Thailand	1,524	+136	9	+2	229	1,286	11	22	0.1	Jan 12
Saudi Arabia	1,453	+154	8		115	1,330	12	42	0.2	Mar 01
<u>Indonesia</u> (country/indonesia/)	1,414	+129	122	+8	75	1,217		5	0.4	Mar 01
Finland	1,352	+112	13	+2	10	1,329	49	244	2	Jan 28
South Africa	1,326	+46	3	+1	31	1,292	7	22	0.05	Mar 04

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Reported 1 st case
<u>Greece (country/greece/)</u>	1,212	+56	43	+4	52	1,117	72	116	4	Feb 25
Iceland	1,086	+66	2		157	927	25	3,182	6	Feb 27
<u>India (country/india/)</u>	1,071	+47	29	+2	100	942		0.8	0.02	Jan 29
Mexico	993	+145	20	+4	35	938	1	8	0.2	Feb 27
Panama	989		24		4	961	36	229	6	Mar 09
Peru	950	+98	18		16	916	49	29	0.5	Mar 05
Dominican Republic	901	+42	42	+3	4	855		83	4	Feb 29
Singapore	879	+35	3		228	648	19	150	0.5	Jan 22
Argentina	820		23	+3	228	569		18	0.5	Mar 02
Colombia	798	+96	12	+2	15	771	29	16	0.2	Mar 05
Croatia	790	+77	6		67	717	27	192	1	Feb 24
Serbia	785	+44	16	+3	42	727	62	90	2	Mar 05
Slovenia	756	+26	11		10	735	28	364	5	Mar 03
Estonia	715	+36	3		20	692	10	539	2	Feb 26
<i>Diamond Princess</i>	712		10		603	99	15			Feb 04
Qatar	693	+59	1		51	641	6	241	0.3	Feb 28
Egypt	656	+47	41	+1	150	465		6	0.4	Feb 13
<u>Hong Kong (country/china-hong-kong-sar/)</u>	642		4		118	520	5	86	0.5	Jan 22
<u>Iraq (country/iraq/)</u>	630	+83	46	+4	152	432		16	1	Feb 21
UAE	611	+41	5	+2	61	545	2	62	0.5	Jan 28
New Zealand	589	+75	1		63	525	2	122	0.2	Feb 27
<u>Algeria (country/algeria/)</u>	584	+73	35	+4	37	512		13	0.8	Feb 24
Morocco	534	+55	33	+7	14	487	1	14	0.9	Mar 01
Bahrain	515	+16	4		279	232	2	303	2	Feb 23
Lithuania	491	+31	7		7	477	5	180	3	Feb 27
Armenia	482	+58	3		30	449	15	163	1	Feb 29
Ukraine	480	+5	11	+1	6	463		11	0.3	Mar 02
Hungary	447	+39	15	+2	34	398	6	46	2	Mar 03
Lebanon	446	+8	11	+1	35	400	3	65	2	Feb 20
Latvia	376	+29			1	375	3	199		Mar 01
Bulgaria	359	+13	8		17	334	13	52	1	Mar 06
Bosnia and Herzegovina	358	+35	9	+3	17	332	1	109	3	Mar 04
Slovakia	336	+22			7	329	1	62		Mar 05
Andorra	334		6		6	322	10	4,323	78	Mar 01
Costa Rica	314		2		3	309	6	62	0.4	Mar 04

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Reported 1 st case
Tunisia	312		8		2	302	10	26	0.7	Mar 01
Uruguay	310	+6	1			309	9	89	0.3	Mar 12
Taiwan	306	+8	5	+2	39	262		13	0.2	Jan 20
Kazakhstan	302	+18	1		21	280		16	0.05	Mar 12
Moldova	298	+35	2		15	281	44	74	0.5	Mar 06
North Macedonia	285	+26	7	+1	12	266	1	137	3	Feb 25
Azerbaijan	273	+64	4		26	243	23	27	0.4	Feb 27
Jordan	268	+9	5	+2	26	237	3	26	0.5	Mar 01
Kuwait	266	+11			72	194	13	62		Feb 23
Burkina Faso	246	+24	12		31	203		12	0.6	Mar 08
San Marino	230	+6	25	+3	13	192	16	6,778	737	Feb 26
Cyprus	230	+16	7	+1	22	201	3	190	6	Mar 08
Réunion	224	+41			1	223		250		Mar 10
Albania	223	+11	11	+1	44	168	7	77	4	Mar 07
Vietnam	203	+9			55	148	3	2		Jan 22
Oman	179	+12			29	150	3	35		Feb 23
Afghanistan	170	+50	4		2	164		4	0.1	Feb 23
Cuba	170	+31	4	+1	4	162	2	15	0.4	Mar 10
Faeroe Islands	168	+9			70	98	1	3,438		Mar 03
Ivory Coast	165		1		4	160		6	0.04	Mar 10
Senegal	162	+20			27	135		10		Mar 01
Malta	156	+5			2	154	4	353		Mar 06
Ghana	152		5		2	145	1	5	0.2	Mar 11
Belarus	152	+58			32	120	2	16		Feb 27
Uzbekistan	149	+5	2		7	140	8	4	0.06	Mar 14
Channel Islands	141	+33	2			139		811	12	Mar 08
Cameroon	139		6		5	128		5	0.2	Mar 05
Honduras	139	+29	3		3	133	4	14	0.3	Mar 10
Venezuela	129	+10	3		39	87	6	5	0.1	Mar 12
Mauritius	128	+21	3			125	1	101	2	Mar 17
Brunei	127	+1	1		38	88	3	290	2	Mar 08
Sri Lanka	122	+5	2	+1	15	105	5	6	0.09	Jan 26
Palestine	116	+7	1		18	97		23	0.2	Mar 04
Nigeria	111		2	+1	3	106		0.5	0.01	Feb 27
Cambodia	107	+4			21	86	1	6		Jan 26
Guadeloupe	106		4		17	85	10	265	10	Mar 12
Georgia	103	+12			20	83	6	26		Feb 25

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Reported 1 st case
Bolivia	97	+16	4	+3		93	3	8	0.3	Mar 09
Kyrgyzstan	94	+10			3	91		14		Mar 17
Martinique	93		1			92	12	248	3	Mar 04
Montenegro	91	+6	1			90	1	145	2	Mar 16
Trinidad and Tobago	82	+4	3		1	78		59	2	Mar 11
Mayotte	82	+19			10	72	3	301		Mar 13
DRC	81		8		2	71		0.9	0.09	Mar 09
Rwanda	70					70		5		Mar 13
Gibraltar	69	+4			34	35		2,048		Mar 02
Paraguay	64	+5	3		1	60	3	9	0.4	Mar 06
Liechtenstein	62	+6				62		1,626		Mar 02
Kenya	50	+8	1		1	48	2	0.9	0.02	Mar 12
Aruba	50				1	49		468		Mar 12
Bangladesh	49	+1	5		19	25	1	0.3	0.03	Mar 07
Monaco	49	+3	1		1	47		1,249	25	Feb 27
Isle of Man	49	+7				49		576		Mar 18
French Guiana	43				6	37		144		Mar 06
Madagascar	43	+4				43		2		Mar 19
Macao	38	+1			10	28		59		Jan 21
Guatemala	36	+2	1		10	25	1	2	0.06	Mar 12
Jamaica	36	+4	1		2	33		12	0.3	Mar 09
French Polynesia	35	+5				35	2	125		Mar 10
Zambia	35	+6				35		2		Mar 17
Barbados	33					33		115		Mar 16
Uganda	33					33		0.7		Mar 20
Togo	30	+5	1		1	28		4	0.1	Mar 05
El Salvador	30	+6				30	5	5		Mar 18
Mali	25	+7	2	+1		23		1	0.10	Mar 24
Ethiopia	23	+2			4	19	1	0.2		Mar 12
Niger	22	+4	3	+2		19		0.9	0.1	Mar 18
Bermuda	22				2	20		353		Mar 17
Guinea	22	+6				22		2		Mar 12
Congo	19					19		3		Mar 14
Tanzania	19	+5			1	18		0.3		Mar 15
Djibouti	18					18		18		Mar 17
Maldives	17				13	4		31		Mar 06
Saint Martin	15	+4	1	+1	2	12		388	26	Feb 29

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Reported 1 st case
Haiti	15				1	14		1		Mar 19
New Caledonia	15					15		53		Mar 17
Bahamas	14				1	13		36		Mar 14
Myanmar	14	+4				14		0.3		Mar 22
Cayman Islands	12		1			11		183	15	Mar 12
Equatorial Guinea	12					12		9		Mar 13
Eritrea	12					12		3		Mar 20
Mongolia	12				2	10		4		Mar 09
Curaçao	11	+3	1		2	8		67	6	Mar 12
Dominica	11					11		153		Mar 21
Namibia	11				2	9		4		Mar 13
Greenland	10				2	8		176		Mar 15
Syria	9		1			8		0.5	0.06	Mar 21
Grenada	9					9		80		Mar 21
Saint Lucia	9				1	8		49		Mar 12
Eswatini	9					9		8		Mar 13
Guyana	8		1			7		10	1	Mar 11
Guinea-Bissau	8	+6				8		4		Mar 24
Laos	8					8		1		Mar 23
Libya	8					8		1		Mar 23
Mozambique	8					8		0.3		Mar 21
Seychelles	8					8		81		Mar 13
Suriname	8					8		14		Mar 12
Angola	7		2			5		0.2	0.06	Mar 19
Gabon	7		1			6		3	0.4	Mar 12
Zimbabwe	7		1			6		0.5	0.07	Mar 19
Antigua and Barbuda	7					7		71		Mar 12
Saint Kitts and Nevis	7	+5				7		132		Mar 24
Sudan	6		2	+1		4		0.1	0.05	Mar 12
Cabo Verde	6		1			5		11	2	Mar 19
Benin	6					6		0.5		Mar 15
Vatican City	6					6		7,491		Mar 05
St. Barth	6	+1			1	5		607		Feb 29
Sint Maarten	6					6		140		Mar 17
Nepal	5				1	4		0.2		Jan 23
Chad	5	+2				5		0.3		Mar 18
Fiji	5					5		6		Mar 18

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/1M pop	Deaths/1M pop	Reported 1 st case
Mauritania	5				2	3		1		Mar 12
Montserrat	5					5		1,002		Mar 17
Turks and Caicos	5	+1				5		129		Mar 22
Gambia	4		1			3		2	0.4	Mar 16
Nicaragua	4		1			3		0.6	0.2	Mar 18
Bhutan	4					4		5		Mar 05
Belize	3	+1				3		8		Mar 22
Botswana	3	+3				3		1		Mar 29
CAR	3					3		0.6		Mar 14
Liberia	3					3		0.6		Mar 15
Somalia	3					3		0.2		Mar 15
<i>MS Zaandam</i>	2					2				Mar 26
Anguilla	2					2		133		Mar 25
British Virgin Islands	2					2		66		Mar 24
Papua New Guinea	1					1		0.1		Mar 19
St. Vincent Grenadines	1				1	0		9		Mar 10
Timor-Leste	1					1		0.8		Mar 20
Total:	770,293	+46,903	36,939	+2,874	160,243	573,111	29,459	98.8	4.7	

Highlighted in green = all cases have recovered from the infection

Highlighted in grey = all cases have had an outcome (there are no active cases)

The "New" columns for China display the previous day changes (as China reports after the day is over). For all other countries, the "New" columns display the changes for the current day while still in progress.



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Latest Updates

March 30 (GMT)

- **295 new cases** and **8 new deaths** in [Ireland](#) ([/coronavirus/country/ireland/](#)) [source (<https://www.rte.ie/news/2020/0330/1127409-irish-virus-figures/>)]
- **7 new cases** in the **State of Palestine** [source (<https://corona.ps/>)]
- **809 new cases** and **22 new deaths** in [Austria](#) ([/coronavirus/country/austria/](#)) [source (<https://info.gesundheitsministerium.at/>)]
- **98 new cases** in [Peru](#) [source (https://en.wikipedia.org/wiki/COVID-19_testing)]
- **977 new cases** and **2 new deaths** in [Canada](#) ([/coronavirus/country/canada/](#)) [source (<https://newsinteractives.cbc.ca/coronavirustracker/>)]

- **96 new cases** and **2 new deaths** in **Colombia** [source (https://en.wikipedia.org/wiki/COVID-19_testing)]
- **1610 new cases** and **37 new deaths** in **Turkey** ([/coronavirus/country/turkey/](https://covid19.saglik.gov.tr)) [source (<https://covid19.saglik.gov.tr>)]
- **4 new cases** in **Madagascar** [source (<https://www.linfo.re/ocean-indien/madagascar/coronavirus-43-cas-confirmer-au-total-a-madagascar>)]
- **47 new cases** and **1 new death** in **Egypt** [source (https://www.facebook.com/103622369714881/posts/3398030983607320/?substory_index=0)]
- **31 new cases** in **Lithuania** [source (<https://sam.lrv.lt/lt/naujienos/siuo-metu-lietuvoje-nustatyti-484-koronavirusine-infekcija-uzsikrete-asmenys>)]
- **16 new cases** and **1 new death** in **Cyprus** [source (<https://dialogos.com.cy/yp-ygeias-16-nea-kroysmata-koronoioy/>)]
- **137 new cases** and **9 new deaths** in **Romania**: a 74-year-old man [source (<https://www.google.ro/amp/s/www.digi24.ro/amhtml/stiri/actualitate/un-nou-deces-din-cauza-covid-19-bilantul-ajunge-la-44-de-morti-1283574>)]
- **193 new cases** and **9 new deaths** in **Poland** ([/coronavirus/country/poland/](https://twitter.com/MZ_GOV_PL/status/1244516436103610375)) [source (https://twitter.com/MZ_GOV_PL/status/1244516436103610375)]
- **12 new cases** in **Georgia** [source (<https://stopcov.gov.ge/en/>)]
- **38 new cases** and **2 new deaths** in **Ecuador** [source (<https://coronavirusecuador.com/>)]
- **3 new deaths** in **Argentina** [source (<https://www.lanacion.com.ar/sociedad/coronavirus-argentina-ya-son-22-muertos-pais-nid2348773>)]
- **4376 new cases** and **418 new deaths** in **France** ([/coronavirus/country/france/](https://dashboard.covid19.data.gouv.fr/)) [source (<https://dashboard.covid19.data.gouv.fr/>)] [source (<https://www.santepubliquefrance.fr/maladies-et-traumatismes/maladies-et-infections-respiratoires/infection-a-coronavirus/articles/infection-au-nouveau-coronavirus-sars-cov-2-covid-19-france-et-monde>)]
- **9 new cases** and **2 new deaths** in **Jordan** [source (<https://corona.moh.gov.jo/ar>)]
- **46 new cases** and **1 new death** in **South Africa** [source (https://en.wikipedia.org/wiki/COVID-19_testing)]
- **448 new cases** and **1 new death** in **Israel** ([/coronavirus/country/israel/](https://www.jpost.com/Breaking-News/Coronavirus-4349-Israellis-diagnosed-79-in-serious-condition-622971)): a 58-year-old man with underlying health issues [source (<https://www.jpost.com/Breaking-News/Coronavirus-4349-Israellis-diagnosed-79-in-serious-condition-622971>)]
- **55 new cases** and **7 new deaths** in **Morocco** [source (<http://www.covidmaroc.ma/Pages/AccueilAR.aspx>)]
- **125 new cases** and **7 new deaths** in **Czechia** [source (<https://onemocneni-aktualne.mzcr.cz/covid-19>)]
- **93 new cases** and **7 new deaths** in **Pakistan** [source (<https://covid.gov.pk>)]
- **24 new cases** in **Burkina Faso** [source (<https://lefaso.net/spip.php?article95837>)]
- **83 new cases** and **4 new deaths** in **Iraq** ([/coronavirus/country/iraq/](https://m.facebook.com/156490947738645/posts/2838047692916277/?notif_id=1585577114777574¬if_t=notify_me_page&ref=notif)) [source (https://m.facebook.com/156490947738645/posts/2838047692916277/?notif_id=1585577114777574¬if_t=notify_me_page&ref=notif)]
- **3 new cases** in **Monaco** [source (<https://twitter.com/GvtMonaco>)]
- **161 new cases** and **6 new deaths** in **Norway** ([/coronavirus/country/norway/](https://www.vg.no/spesial/2020/corona-viruset/?utm_source=vgfront&utm_content=row-1)) [source (https://www.vg.no/spesial/2020/corona-viruset/?utm_source=vgfront&utm_content=row-1)]
- **1 new death** in **Nigeria** [source (https://www.channelstv.com/2020/03/30/breaking-nigeria-records-second-death-from-coronavirus/?fbclid=IwAR2oNwJ-TTkpMfiEZhQ6pSQyzct_d34uvxlkcvGhV5LtGsSbrtnR6mHqMo)]
- **931 new cases** and **48 new deaths** in **Switzerland** ([/coronavirus/country/switzerland/](https://interactif.tdg.ch/2020/covid-19-carte-suisse/)) [source (<https://interactif.tdg.ch/2020/covid-19-carte-suisse/>)]

- **59 new cases** in **Qatar** [source (<https://www.moph.gov.qa/english/Pages/Coronavirus2019.aspx#>)]
- **115 new cases** and **5 new deaths** in **Brazil** ([\(/coronavirus/country/brazil/\)](#)) [source (<https://g1.globo.com/bemestar/coronavirus/noticia/2020/03/30/casos-de-coronavirus-no-brasil-em-30-de-marco.ghtml>)]
- **73 new cases** and **4 new deaths** in **Algeria** ([\(/coronavirus/country/algeria/\)](#)) [source (<https://www.facebook.com/379469962080762/posts/3829492717078452/?app=fbl>)]
- **50 new cases** in **Afghanistan** [source (<https://www.facebook.com/187202271320522/posts/3864420696931976/>)]
- **4050 new cases** and **812 new deaths** in **Italy** ([\(/coronavirus/country/italy/\)](#)). **Total cases surpass 100,000** [source (<https://github.com/pcm-dpc/COVID-19/blob/master/dati-andamento-nazionale/dpc-covid19-ita-andamento-nazionale-latest.csv>)]
 -  **Lowest number of new cases in the last 13 days** (since March 17)
 -  **Highest number of new recoveries** (1,590) since the beginning of the epidemic
- **1 new case** in **Belize** [source (<https://www.pressoffice.gov.bz/ministry-of-health-confirms-third-case-of-covid-19-in-belize/>)]
- **182 new cases** and **5 new deaths** in **Denmark** ([\(/coronavirus/country/denmark/\)](#)) [source (<https://www.sst.dk/da/corona/tal-og-overvaagning>)]
- **4 new cases** in **Gibraltar** [source (<https://www.facebook.com/489972314381403/posts/3115365171842091/?sfnsn=mo>)]
- **41 new cases** in **Réunion** [source (<http://www.reunion.gouv.fr/coronavirus-covid-19-a-la-reunion-17-nouveaux-cas-a6466.html>)]
- **35 new cases** and **3 new deaths** in **Bosnia and Herzegovina** [source (<https://www.klix.ba/koronavirus-u-bih>)]

WHO Daily Briefing on COVID-19 (<https://twitter.com/WHO/status/1244637360706342917>)

- **6 new cases** in **Guinea** [source (<https://guineematin.com/2020/03/30/covid-19-six-6-nouveaux-cas-confirmes-enregistres-en-guinee/>)]
- **2619 new cases** and **180 new deaths** in **the United Kingdom** ([\(/coronavirus/country/uk/\)](#)) [source (<https://www.arcgis.com/apps/opsdashboard/index.html#/f94c3c90da5b4e9f9a0b19484dd4bb14>)]
- **35 new cases** in **Moldova** [source (<http://gismoldova.maps.arcgis.com/apps/opsdashboard/index.html?fbclid=IwAR32zFLohMRQrvsDAzwwEADtnVdk7t6m2WmfFg48Wwd-NI847NdWGzpeleg#/d274da857ed345efa66e1fbc959b021b>)]
- **56 new cases** and **4 new deaths** in **Greece** ([\(/coronavirus/country/greece/\)](#)) including a 56-year-old man in Thessaloniki [source (<https://www.kathimerini.gr/1071474/article/epikairothta/ellada/swt-tsiodras-stoys-43-oi-nekroi-sta-1212-to-synolo-twn-kroymatwn/>)]
- **1 new case** in **Saint Barthélemy** [source (<https://www.facebook.com/prefet971>)]
- **6 new cases** in **Uruguay** [source (<https://www.elpais.com.uy/informacion/salud/gobierno-informo-son-casos-confirmados-coronavirus-uruguay.html>)]
- **10 new cases** in **Kyrgyzstan** [source (https://akipress.com/news:638387:10_new_coronavirus_cases_confirmed_in_Kyrgyzstan/)]
- **31 new cases** and **1 new death** in **Cuba** [source (<https://salud.msp.gob.cu/?p=4421>)]
- **66 new cases** in **Iceland** [source (<https://www.covid.is/data>)]
- **4 new cases** in **Jamaica** [source (<https://www.moh.gov.jm/covid-19-update-jamaica-now-has-34-cases/>)]
- **8 new cases** and **1 new death** in **Lebanon** [source (<https://corona.ministryinfo.gov.lb/>)]
- **7 new cases** in **Isle of Man** [source (<https://covid19.gov.im/general-information/latest-updates/>)]


- **21 new cases** in **Mauritius** [source (<https://besafemoris.mu/stats/>)]
- **13 new cases** in **Bulgaria** [source (<https://www.mh.government.bg/bg/novini/aktualno/15-sa-izlekuvanite-pacienti-s-covid-19-v-blgariya-/>)]
- **1 new case** in the **Turks and Caicos Islands** [source (<https://www.facebook.com/tcihealthpromotions/photos/rpp.591977604305533/1609870759182874/?type=3&theater>)]
- **16 new cases** and **3 new deaths** in **Bolivia** [source (<https://www.boliviasegura.gob.bo/>)]
- **3 new cases** in **Curaçao** [source (<https://www.curaocaohronicle.com/post/main/update-covid-19-curaocao-becomes-a-shelter-in-place-11th-case-confirmed/>)]
- **6 new cases** in **Guinea-Bissau** [source (<https://www.noticiasominuto.com/mundo/1445373/covid-19-oito-casos-de-infecao-confirmados-na-guine-bissau>)]
- **42 new cases** and **3 new deaths** in the **Dominican Republic** [source (<https://twitter.com/nuriapiera/status/1244630476125605888>)]
- **4 new cases** in **Trinidad and Tobago** [source (<http://www.health.gov.tt/sitepages/default.aspx?id=293>)]
- **1494 new cases** and **19 new deaths** in **Germany** (**coronavirus/country/germany/**) [source (<https://www.zeit.de/wissen/gesundheit/2020-03/coronavirus-deutschland-infektionen-faelle-verbreitung-epidemie-karte#karte>)]
- **44 new cases** and **3 new deaths** in **Serbia** [source (<https://www.blic.rs/vesti/drustvo/preminuo-episkop-valjevski-milutin-koji-je-bio-zarazen-korona-virusom/sm8n1ze>)]
- **154 new cases** in **Saudi Arabia** [source (<https://twitter.com/SPAregions/status/1244605687906406400>)]
- **5 new cases** and **1 new death** in **Sri Lanka** [source (<http://www.hirunews.lk/237550/three-more-coronavirus-patients-diagnosed-country-total-increased-to-120>)]
- **2 new cases** in **Chad** [source (https://www.presidence.td/fr-news-4169-COMMUNIQUE_DU_GOUVERNEMENT.html)]
- **310 new cases** and **1 new death** in **Chile** [source (<https://www.emol.com/noticias/Nacional/2020/03/30/981472/Minsal-balance-coronavirus.html>)]
- **6 new cases** in **El Salvador** [source (<https://Covid19.gob.sv>)]
- **18 new cases** in **Kazakhstan** [source (https://tengrinews.kz/kazakhstan_news/esche-9-sluchae-v-koronavirusa-zafiksirovano-v-kazhstane-396571/)]
- **41 new cases** and **2 new deaths** in the **United Arab Emirates** [source (<https://t.co/As6O5bl5jf>)]
- **4 new cases** in **Myanmar** [source (<http://mohs.gov.mm/Main/content/new/covid-19-%E1%80%9B-%E1%80%82-%E1%80%85-%E1%80%84-%E1%80%80-%E1%80%95-%E1%80%80-%E1%80%8A-%E1%80%9B-%E1%80%99-%E1%80%94-%E1%80%84-%E1%80%95-%E1%80%90-%E1%80%9E-%E1%80%80-%E1%80%9E-%E1%80%90-%E1%80%84-%E1%80%91-%E1%80%90-%E1%80%95-%E1%80%94-%E1%80%81-%E1%80%84-30-3-2020-7-30-pm>)]
- **33 new cases** in **Channel Islands** [source (<https://www.gov.je/Health/Coronavirus/Pages/CoronavirusCases.aspx> Guernsey)] [source (<https://www.gov.gg/covid19testresults>)]
- **38 new cases** and **1 new death** in **Luxembourg** [source (<https://coronavirus.gouvernement.lu/fr.html>)]
- **6 new cases** in **Zambia** [source (<https://diggers.news/local/2020/03/30/zambias-covid-19-cases-jump-to-35/>)]
- **10 new cases** in **Venezuela** [source (<http://www.minci.gob.ve/gobierno-venezolano-confirma-10-nuevos-contagios-por-coronavirus/>)]
- **112 new cases** and **2 new deaths** in **Finland** [source (<https://korona.kans.io/>)]
- **58 new cases** in **Belarus** [source (<https://news.tut.by/society/678395.html>)]


- **26 new cases** and **1 new death** in the **Republic of North Macedonia** [source (<http://zdravstvo.gov.mk/registirani-26-novi-sluchai-na-koronavirus-vo-zemjata-vkupno-285-dijagnosticirani-pacienti-pochina-1-pacient-9-pacienti-se-izlekuvani-i-ispishani-od-bolnichko-lekuvanje/>)]
- **4 new cases** and **1 new death** in **Saint Martin** [source (<https://www.thedailyherald.sx/islands/st-martin-records-a-sharp-rise-in-covid-19-cases-and-first-death/>)]
- **64 new cases** in **Azerbaijan** [source (<https://oxu.az/society/376051/>)]
- **2 new cases** in **Guatemala** [source (<https://www.prensalibre.com/ciudades/guatemala-ciudades/alejandro-giammattei-confirma-36-casos-de-coronavirus-en-guatemala-y-anuncia-medidas-economicas/>)]
- **884 new cases** and **93 new deaths** in **the Netherlands** ([/coronavirus/country/netherlands/](https://www.rivm.nl/nieuws/actuele-informatie-over-coronavirus)) [source (<https://www.rivm.nl/nieuws/actuele-informatie-over-coronavirus>)]
- **77 new cases** in **Croatia** [source (<https://www.index.hr/vijesti/clanak/u-splitu-10-novih-zarazenih-u-osijeku-positivan-policajac-u-vinkovcima-lijecnica/2170237.aspx>)]
- **9 new cases** in **Vietnam** [source (<https://ncov.moh.gov.vn/>)]
- **8 new cases** in **Kenya** [source (<https://twitter.com/StandardKenya/status/1244600220350132224>)]
- **35 new cases** in **Singapore** [source (<https://www.moh.gov.sg/news-highlights/details/16-more-cases-discharged-35-new-cases-of-covid-19-infection-confirmed>)]
- **328 new cases** and **36 new deaths** in **Sweden** ([/coronavirus/country/sweden/](https://www.icuregswe.org/data--resultat/covid-19-i-svensk-intensivvard/)) [source (<https://www.icuregswe.org/data--resultat/covid-19-i-svensk-intensivvard/>)]
- **1 new death** in **Sudan** [source (<https://menafn.com/1099936792/Coronavirus-kills-second-case-in-Sudan>)]
- **6 new cases** and **3 new deaths** in **San Marino** [source (<http://www.libertas.sm/notizie/2020/03/30/coronavirus-un-nuovo-deceduto-a-san-marino-ma-continua-il-trend-in-calcolo.html>)]
- **446 new cases** and **21 new deaths** in **Portugal** ([/coronavirus/country/portugal/](https://www.cmjornal.pt/)) [source (<https://www.cmjornal.pt/>)]
- **5 new cases** in **Saint Kitts and Nevis**: including a 10-month-old infant [source (<https://zizonline.com/st-kitts-and-nevis-confirms-five-5-additional-cases-of-covid-19-total-number-of-confirmed-cases-now-stand-at-seven-7/>)]
- **5 new cases** in **Tanzania** [source (<https://millardayo.com/wagonjwa-wa-corona-waongezeka-tanzania/>)]
- **9 new cases** in **Faeroe Islands** [source (<https://politi.dk/coronavirus-i-danmark/foelg-smittespredningen-globalt-regionalt-og-lokalt>)]
- **5 new cases** in **Uzbekistan** [source (<http://coronavirus.uz/ru>)]
- **6 new cases** in **Liechtenstein** [source (<https://www.vaterland.li/liechtenstein/vermischtes/insgesamt-zwei-positiv-getestete-personen-am-wochenende;art171,415116>)]
- **7 new cases** and **1 new death** in **Mali** [source (https://malijet.com/la_societe_malienne_aujourdhui/la_sante_au_mali/241007-communiqué-n°24-du-ministère-de-la-santé-et-des-affaires-sociale.html)]
- **12 new cases** in **Oman** [source (<https://twitter.com/OmanVSCovid19/status/1244576425887371264/photo/1>)]
- **5 new cases** in **Malta** [source (<https://www.one.com.mt/news/2020/03/30/5-kazijiet-godda-ta-coronavirus-fpajizna-2/>)]
- **5 new cases** in **French Polynesia** [source (<https://www.facebook.com/hcrpf987/photos/a.484177578452215/1310728959130402/?type=3&theater>)]
- **5 new cases** and **1 new death** in **Ukraine** [source (<https://moz.gov.ua/article/news/operativna-informacija-pro-poshirennja-koronavirusnoi-infekcii-2019-ncov->)]
- **4 new cases** and **2 new deaths** in **Niger** [source (<https://www.actuniger.com/societe/16004-coronavirus-18-cas-identifies-dont-trois-morts-au-niger>)]
- **▲ 5085 new cases** and **537 new deaths** in **Spain** ([/coronavirus/country/spain/](https://covid19.isciii.es/)) [source (<https://covid19.isciii.es/>)]

- **22 new cases** in **Slovakia** [source (<https://www.aktuality.sk/koronavirus/>)]
- **19 new cases** in **Mayotte** [source (<https://la1ere.francetvinfo.fr/mayotte/coronavirus-8-nouveaux-cas-confirmes-mayotte-82-au-total-817640.html>)]
- **20 new cases** in **Senegal** [source (<https://viconsortium.com/vi-coronavirus/virgin-islands-30-cases-of-coronavirus-confirmed-in-usvi-as-dept-of-health-announces-7-additional-infections->)]
- **3186 new cases** and **117 new deaths** in **Iran** ([/coronavirus/country/iran/](#)) [source (<https://www.farsnews.ir/news/13990111000399/%D8%B4%D9%86%D8%A7%D8%B3%D8%A7%DB%8C%DB%8C-36-%D9%85%D8%A8%D8%AA%D9%84%D8%A7%DB%8C-%D8%AC%D8%AF%DB%8C%D8%AF-%D8%A8%D9%87-%DA%A9%D8%B1%D9%88%D9%86%D8%A7-335-%D8%AF%D8%B1%D8%B5%D8%AF-%D9%85%D8%A8%D8%AA%D9%84%D8%A7%DB%8C%D8%A7%D9%86-%D8%AA%D8%A7-%D8%A7%D9%85%D8%B1%D9%88%D8%B2-%D8%A8%D9%87%D8%A8%D9%88%D8%AF-%DB%8C%D8%A7%D9%81%D8%AA%D9%87>)]
- **136 new cases** and **2 new deaths** in **Thailand** [source (<https://www.thaienquirer.com/10210/thailand-announces-136-additional-covid-19-cases-total-at-1524/>)]
- **1063 new cases** and **82 new deaths** in **Belgium** ([/coronavirus/country/belgium/](#)) [source (<https://www.vrt.be/vrtnws/nl/2020/03/30/liveblog-30-maart/>)]
- **58 new cases** in **Armenia** [source (<https://ncdc.am/coronavirus/confirmed-cases-by-days/>)]
- **1 new case** in **Brunei Darussalam** [source (<https://instagram.com/p/B-Wk-9bFWLp/>)]
- **2 new cases** in **Ethiopia** [source ([https://www.facebook.com/EthiopiaFMoH/?__tn__=kC-R&eid=ARC-IW9Yu3zCvVrgHubsKE_4ADYoixU6GXExSdBkhw4MtcjJzQ5NaObb-icO7IVixWbOjMdWYb8giLHz&hc_ref=ARSGTtZjYrOoHtIpi2pZ1uZmXBxXqYqTeeObhucRtJoUPf1LKTnbeAYZRMGHRHIN5sg&fref=nf&__xts__\[0\]=68.ARAOh296he5A5N3Er9oA5X-YqoLLhapJRhC0rK1GZQHAKZIKftiukz6hteH_0Pw5oZluSrxQtQagNVa-PdpyYLC8uSwpKcNGaaw4yoYSN3iWwzCg7JY8mL7ubzK2YLQPOVDPDzzGMyWSOMAHsYcUc2XIU47sojOKJxLRWzfbddBHCXrbJqK-rvpCdgqT3nrwmsPH1Gr7-nL_mW1PNdZeY669PG99P8pbTzWK4l6MhKB6LDVcvojl-rmMZDBLsJJ-zcFnmcyKvqBVjTo-_9HQcShfZChZ8zIH3ChxH-qwt6tfhmK_9TFiqKKAQSCCMILKwukZJA](https://www.facebook.com/EthiopiaFMoH/?__tn__=kC-R&eid=ARC-IW9Yu3zCvVrgHubsKE_4ADYoixU6GXExSdBkhw4MtcjJzQ5NaObb-icO7IVixWbOjMdWYb8giLHz&hc_ref=ARSGTtZjYrOoHtIpi2pZ1uZmXBxXqYqTeeObhucRtJoUPf1LKTnbeAYZRMGHRHIN5sg&fref=nf&__xts__[0]=68.ARAOh296he5A5N3Er9oA5X-YqoLLhapJRhC0rK1GZQHAKZIKftiukz6hteH_0Pw5oZluSrxQtQagNVa-PdpyYLC8uSwpKcNGaaw4yoYSN3iWwzCg7JY8mL7ubzK2YLQPOVDPDzzGMyWSOMAHsYcUc2XIU47sojOKJxLRWzfbddBHCXrbJqK-rvpCdgqT3nrwmsPH1Gr7-nL_mW1PNdZeY669PG99P8pbTzWK4l6MhKB6LDVcvojl-rmMZDBLsJJ-zcFnmcyKvqBVjTo-_9HQcShfZChZ8zIH3ChxH-qwt6tfhmK_9TFiqKKAQSCCMILKwukZJA))]
- **1 new case** in **China, Macao SAR** [source (<https://www.gov.mo/pt/noticias/225891/>)]
- **156 new cases** and **2 new deaths** in **Malaysia** ([/coronavirus/country/malaysia/](#)) [source (<https://twitter.com/KKMPutrajaya/status/1244549918263373824>)] [source (<https://twitter.com/KKMPutrajaya/status/1244550238255251456>)]
- **4 new cases** in **Cambodia** [source (<https://www.nst.com.my/world/world/2020/03/579550/cambodia-pm-orders-casinos-shut-down-coronavirus-cases-climb>)]
- **302 new cases** and **1 new death** in **Russia** [source (<https://стопкоронавирус.рф/#>)]
- **11 new cases** in **Kuwait** [source (<https://corona.e.gov.kw/En/>)]
- **26 new cases** in **Slovenia** [source (<https://www.vecer.com/spremljamo-prepovedano-gibanje-izven-obcine-prebivalisca-10149693>)]
- **11 new cases** and **1 new death** in **Albania** [source (<https://shqiptarja.com/lajm/shkon-ne-223-numri-i-te-prekurve-me-koronavirus-ne-shqiperi?r=kh1>)]
- **1 new case** in **Bangladesh** [source (<https://www.thedailystar.net/coronavirus-deadly-new-threat/news/one-more-infected-coronavirus-iedcr-1887628>)]
- **129 new cases** and **8 new deaths** in **Indonesia** ([/coronavirus/country/indonesia/](#)) [source (https://health.detik.com/berita-detikhealth/d-4958445/update-corona-di-indonesia-30-maret-1414positif75-semuh122-meninggal?tag_from=wp_nhl_8&_ga=2.17468093.546134343.1585538297-584892693.1585538297)]
- **8 new cases** and **2 new deaths** in **Taiwan** [source (<https://www.cdc.gov.tw/>)]
- **82 new cases** and **1 new death** in **Australia** ([/coronavirus/country/australia/](#)) [source (<https://www.health.gov.au/news/health-alerts/novel-coronavirus-2019-ncov-health-alert/coronavirus-covid-19-current-situation-and-case-numbers>)]
- **128 new cases** and **7 new deaths** in **the Philippines** ([/coronavirus/country/philippines/](#)) [source (https://www.gmanetwork.com/news/news/nation/731898/philippines-records-1546-covid-19-cases-78-deaths/story/?fbclid=IwAR0SVj5YpQ7Ec-d3az8gVpM6uUnX7_6-11niphH_17FHJB2_CluOr6v1ie8)]
- **16 new cases** in **Bahrain** [source (<https://www.moh.gov.bh/?lang=en>)]

- **36 new cases** in **Estonia** [source (<https://www.ohuleht.ee/997022/oopaevaga-tehti-856-koroonatesti-lisandus-36-positiivset-juhtu>)]
- **29 new cases** in **Latvia** [source (<https://www.apollo.lv/6936558/latvija-ar-covid-19-inficeto-skaitis-pieaudzis-lidz-376>)]
- **6 new cases** in **Montenegro** [source (<https://www.vijesti.me/vijesti/drustvo/ijz-novih-sest-slucajeva-koronavirusa-u-crnoj-gori>)]
- **47 new cases** and **2 new deaths** in **India** (</coronavirus/country/india/>) [source (<https://www.mohfw.gov.in/>)]
- **29 new cases** in **Honduras** [source (<https://www.laprensa.hn/honduras/1368232-410/honduras-noticias-coronavirus-salud-contagios-muertos>)]
- **75 new cases** in **New Zealand** [source (<https://www.newshub.co.nz/home/new-zealand/2020/03/coronavirus-ministry-of-health-confirms-76-new-covid-19-cases-in-new-zealand.html>)]
- **39 new cases** and **2 new deaths** in **Hungary** [source (<https://koronavirus.gov.hu/>)]
- **145 new cases** and **4 new deaths** in **Mexico** [source (<https://www.eluniversal.com.mx/nacion/sociedad/coronavirus-29-de-marzo-mexico-llega-20-defunciones-por-covid-19-hay-993-confirmados>)]
- **78 new cases** and **6 new deaths** in **South Korea** (</coronavirus/country/south-korea/>) [source (http://ncov.mohw.go.kr/tcmBoardView.do?brdId=&brdGubun=&dataGubun=&ncvContSeq=353796&contSeq=353796&board_id=&gubun=ALL)]
- **5 new cases** in **Paraguay** [source (<https://twitter.com/MazzoleniJulio/status/1244423882896891904>)]
- **5 new cases** in **Togo** [source (<https://covid19.gouv.tg/>)]
- **13327 new cases** and **288 new deaths** in **the United States** (</coronavirus/country/us/>).
- **31 new cases** (of which 30 imported) **4 new deaths** (all in Hubei), and **322 new recoveries** occurred in **China** on March 29, as reported by the National Health Commission (NHC) of China [source (<http://www.nhc.gov.cn/xcs/yqtb/202003/c46e73d692d047619bfb29680950d88d.shtml>)]

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January Timeline:

- On January 31, the first 2 novel coronavirus cases in the UK, ^[18] the first 2 cases in Russia, ^[20] and the first case in Sweden and in Spain were reported. Canada reported its 4th case.

- On Jan. 31, the United States
 - declared Coronavirus a Public Health Emergency (<https://www.hhs.gov/about/news/2020/01/31/secretary-azar-declares-public-health-emergency-us-2019-novel-coronavirus.html>)
 - issued **14 days quarantine** rules for US citizens entering the US from China (mandatory if entering from the Hubei province).
 - issued an order to **deny entry to foreigners** who have traveled to China within the past two weeks.
- On January 30, the novel coronavirus total case count surpassed that for SARS (which affected 8,096 people worldwide).
- On January 30, the World Health Organization declared the coronavirus outbreak a **Global Public Health Emergency**.
- On January 30 CDC confirmed the first US case of human to human transmission^[17].
- Germany, Japan, Vietnam and the United States have reported cases in patients who didn't personally visit China, but contracted the virus from someone else who had visited Wuhan, China^[15]. These cases of human to human transmission are the most worrisome, according to the WHO^[16].
- Wuhan (the city where the virus originated) is the largest city in Central China, with a population of over 11 million people. The city, on January 23, shut down transport links. Following Wuhan lock down, the city of Huanggang was also placed in quarantine, and the city of Ezhou closed its train stations. This means than 18 million people have been placed in isolation. The World Health Organization (WHO) said cutting off a city as large as Wuhan is "unprecedented in public health history."^[12] and praised China for its incredible commitment to isolate the virus and minimize the spread to other countries.

How dangerous is the virus?

There are three parameters to understand in order to assess the magnitude of the risk posed by this novel coronavirus:

- Transmission Rate (**Ro**) - number of newly infected people from a single case
- Case Fatality Rate (CFR) ([/coronavirus/coronavirus-death-rate/](#)) - percent of cases that result in death
- Determine whether asymptomatic transmission ([/coronavirus/coronavirus-incubation-period/#asy](#)) is possible

How contagious is the Wuhan Coronavirus? (Ro)

The *attack rate* or *transmissibility* (how rapidly the disease spreads) of a virus is indicated by its reproductive number (Ro, pronounced *R-nought* or *r-zero*), which represents the average number of people to which a single infected person will transmit the virus.

WHO's estimated (on Jan. 23) Ro to be between 1.4 and 2.5. ^[13]

Other studies have estimated a Ro between 3.6 and 4.0, and between 2.24 to 3.58. ^[23]

Preliminary studies had estimated Ro to be between **1.5 and 3.5**. ^{[5][6][7]}

An outbreak with a reproductive number of below 1 will gradually disappear.

For comparison, the Ro for the common flu is 1.3 and for SARS it was 2.0.

Fatality Rate (*case fatality ratio* or *CFR*) of the Wuhan Coronavirus

See full details: **Coronavirus Fatality Rate** ([/coronavirus/coronavirus-death-rate/](#))

The novel coronavirus' case **fatality rate** has been estimated at around **2%**, in the WHO press conference held on January 29, 2020 ^[16]. However, it noted that, without knowing how many were infected, it was too early to be able to put a percentage on the mortality rate figure.

A prior estimate ^[9] had put that number at 3%.

Fatality rate can change as a virus can mutate, according to epidemiologists.

For comparison, the case fatality rate for SARS was 10%, and for MERS 34%.

Incubation Period (how long it takes for symptoms to appear)

See full details: **COVID-19 Coronavirus Incubation Period** ([/coronavirus/coronavirus-incubation-period/](#))

Symptoms of COVID-19 may appear in as few as 2 days or as long as 14 (estimated ranges vary from 2-10 days, 2-14 days, and 10-14 days, see details ([/coronavirus/coronavirus-incubation-period/](#))), during which the virus is contagious but the patient does not display any symptom (*asymptomatic transmission*).

Age and conditions of Coronavirus cases

📌 See latest findings: **Age, Sex, Demographics of COVID-19 Cases and Deaths** ([/coronavirus/coronavirus-age-sex-demographics/](#))

According to early estimates by China's National Health Commission (NHC), about 80% of those who died were over the age of 60 and 75% of them had pre-existing health conditions such as cardiovascular diseases and diabetes.^[24]

According to the WHO Situation Report no. 7 (<https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200127-sitrep-7-2019--ncov.pdf>) issued on Jan. 27:

- The median age of **cases** detected **outside** of China is 45 years, ranging from 2 to 74 years.
- 71% of cases were male.

A study of 138 hospitalized patients with NCIP found that the median age was 56 years (interquartile range, 42-68; range, 22-92 years) and 75 (54.3%) were men.^[25]

The WHO, in its Myth busters FAQs (<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/myth-busters>), addresses the question: "*Does the new coronavirus affect older people, or are younger people also susceptible?*" by answering that:

- **People of all ages can be infected** by the novel coronavirus COVID-19.
- **Older people**, and people with **pre-existing medical conditions** (such as asthma, diabetes, heart disease) appear to be **more vulnerable to becoming severely ill** with the virus.

Patient who died in the Philippines was a 44-year old male

The patient who died in the Philippines on February 2, in what was the first death occurring outside of China, was a 44-year-old Chinese man from Wuhan who was admitted on Jan. 25 after experiencing fever, cough, and sore throat, before developing severe pneumonia. In the last few days, "the patient was stable and showed signs of improvement, however, the condition of the patient deteriorated within his last 24 hours resulting in his demise." according to the Philippine Department of Health.

Serious Cases of 30 year old patients in France

As of Jan. 29, according to French authorities, the conditions of the two earliest Paris cases had worsened and the patients were being treated in intensive care, according to French authorities. The patients have been described as a young couple aged **30 and 31 years old**, both Chinese citizens from Wuhan who were asymptomatic when they arrived in Paris on January 18 ^[19].

Age and Sex of the first deaths as reported by the China National Health Commission (NHC)

The NHC reported the details of the first 17 deaths up to 24 pm on January 22, 2020. The deaths included 13 males and 4 females. The median age of the deaths was 75 (range 48-89) years.^[21]

WHO Risk Assessment: Global Emergency

See full details: **WHO coronavirus updates** ([/coronavirus/who-coronavirus/](https://www.who.int/emergencies/diseases/novel-coronavirus-2019))

On January 30, the World Health Organization declared the coronavirus outbreak a Global Public Health Emergency.

For more information from the WHO regarding novel coronavirus: *WHO page on Novel Coronavirus (2019-nCoV)* (<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>)

Comparisons:

- Every year an estimated 290,000 to 650,000 people die in the world due to complications from seasonal influenza (flu) viruses. This figure corresponds to 795 to 1,781 deaths per day due to the seasonal flu.
- SARS (November 2002 to July 2003): was a coronavirus that originated from Beijing, China, spread to 29 countries, and resulted in 8,096 people infected with 774 deaths (fatality rate of 9.6%). Considering that SARS ended up infecting 5,237 people in mainland China, Wuhan Coronavirus surpassed SARS on January 29, 2020, when Chinese officials confirmed 5,974 cases of the novel coronavirus (2019-nCoV). One day later, on January 30, 2020 the novel coronavirus cases surpassed even the 8,096 cases worldwide which were the final SARS count in 2003.
- MERS (in 2012) killed 858 people out of the 2,494 infected (fatality rate of 34.4%).

Coronavirus Worldometer Sections:

- **Coronavirus Update** ([/coronavirus/](https://www.worldometers.info/coronavirus/))
- **Case statistics and graphs** ([/coronavirus/coronavirus-cases/](https://www.worldometers.info/coronavirus/coronavirus-cases/))
- **Death statistics and graphs** ([/coronavirus/coronavirus-death-toll/](https://www.worldometers.info/coronavirus/coronavirus-death-toll/))
- **Mortality Rate** ([/coronavirus/coronavirus-death-rate/](https://www.worldometers.info/coronavirus/coronavirus-death-rate/))
- **Incubation Period** ([/coronavirus/coronavirus-incubation-period/](https://www.worldometers.info/coronavirus/coronavirus-incubation-period/))
- **Age, Sex, Existing Condition** ([/coronavirus/coronavirus-age-sex-demographics/](https://www.worldometers.info/coronavirus/coronavirus-age-sex-demographics/))
- **Symptoms** ([/coronavirus/coronavirus-symptoms/](https://www.worldometers.info/coronavirus/coronavirus-symptoms/))
- **Countries with cases: basic list** ([/coronavirus/countries-where-coronavirus-has-spread/](https://www.worldometers.info/coronavirus/countries-where-coronavirus-has-spread/)) - **detailed list** ([/coronavirus/#countries](https://www.worldometers.info/coronavirus/#countries))

More info

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