

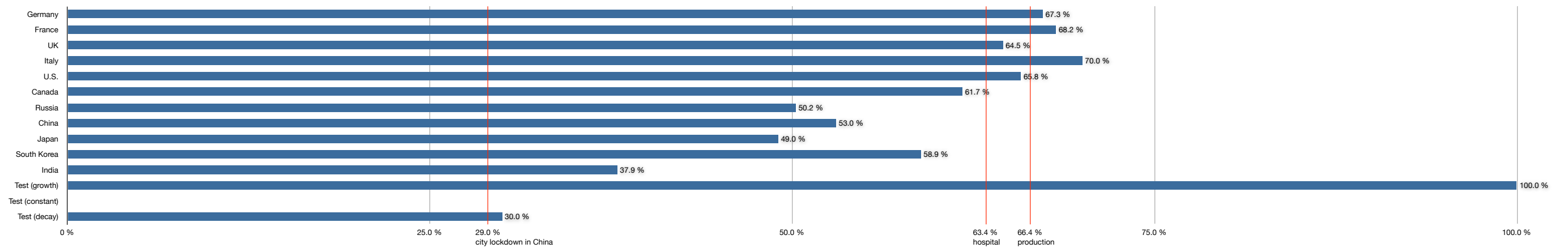
Coronavirus Pandemic Exponential Growth (2020-04-05)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = log_2$	$l = log_2 p / o$	$r = log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\% - l) / s$	$a1 = e + r1$	$r2 = (63.4\% - l) / s$	$a2 = e + r2$	$r3 = (66.4\% - l) / s$	$a3 = e + r3$
Germany	80,500,000	2020-04-02	73,522	2020-04-05	91,714	91,714	9,171,400	11.393 %	9	3	1.0764803522	7.6 %	9.41	281	92	2020-07-05	67.3 %	0.36 %	-108	2019-12-19	-11	2020-03-25	-2	2020-04-02
France	65,100,000	2020-04-02	56,261	2020-04-05	67,757	67,757	6,775,700	13.744 %	7	3	1.0639361708	6.4 %	11.18	334	106	2020-07-20	68.2 %	0.30 %	-131	2019-11-25	-16	2020-03-19	-6	2020-03-30
UK	62,200,000	2020-04-02	29,478	2020-04-05	41,907	41,907	4,190,700	6.437 %	16	3	1.1244224788	12.4 %	5.91	177	63	2020-06-06	64.5 %	0.57 %	-63	2020-02-02	-2	2020-04-02	3	2020-04-08
Italy	62,200,000	2020-04-02	110,574	2020-04-05	124,632	1,246,320	12,463,200	20.037 %	5	3	1.0406999043	4.1 %	17.37	519	156	2020-09-07	70.0 %	0.19 %	-213	2019-09-04	-34	2020-03-01	-19	2020-03-17
U.S.	329,300,000	2020-04-02	187,302	2020-04-05	273,808	2,738,080	27,380,800	8.315 %	12	3	1.1349269426	13.5 %	5.48	164	56	2020-05-31	65.8 %	0.61 %	-60	2020-02-04	-4	2020-04-01	1	2020-04-06
Canada	35,900,000	2020-04-02	9,005	2020-04-05	12,938	129,380	1,293,800	3.604 %	28	3	1.1283949743	12.8 %	5.74	172	66	2020-06-09	61.7 %	0.58 %	-56	2020-02-08	3	2020-04-07	8	2020-04-13
Russia	142,100,000	2020-04-02	2,777	2020-04-05	4,731	47,310	473,100	0.333 %	300	3	1.1943337073	19.4 %	3.90	117	58	2020-06-02	50.2 %	0.86 %	-25	2020-03-11	15	2020-04-20	19	2020-04-23
China	1,400,000,000	2020-04-02	82,724	2020-04-05	82,930	829,300	8,293,000	0.592 %	169	3	1.0006253814	0.1 %	836.09	24997	11,741	2052-05-28	53.0 %	0.00 %	-6,005	2003-10-27	2,589	2027-05-07	3,348	2029-06-05
Japan	126,200,000	2020-04-02	2,384	2020-04-05	3,271	32,710	327,100	0.259 %	386	3	1.1111979487	11.1 %	6.57	197	100	2020-07-14	49.0 %	0.51 %	-39	2020-02-25	26	2020-05-03	34	2020-05-09
South Korea	51,400,000	2020-04-02	9,976	2020-04-05	10,237	102,370	1,023,700	1.992 %	50	3	1.0086459621	0.9 %	80.52	2407	990	2022-12-20	58.9 %	0.04 %	-719	2018-04-16	106	2020-07-22	182	2020-10-03
India	1,300,000,000	2020-04-02	1,636	2020-04-05	3,374	33,740	337,400	0.026 %	3,853	3	1.2728794048	27.3 %	2.87	86	53	2020-05-28	37.9 %	1.16 %	-8	2020-03-28	22	2020-04-26	24	2020-04-29
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000.000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress



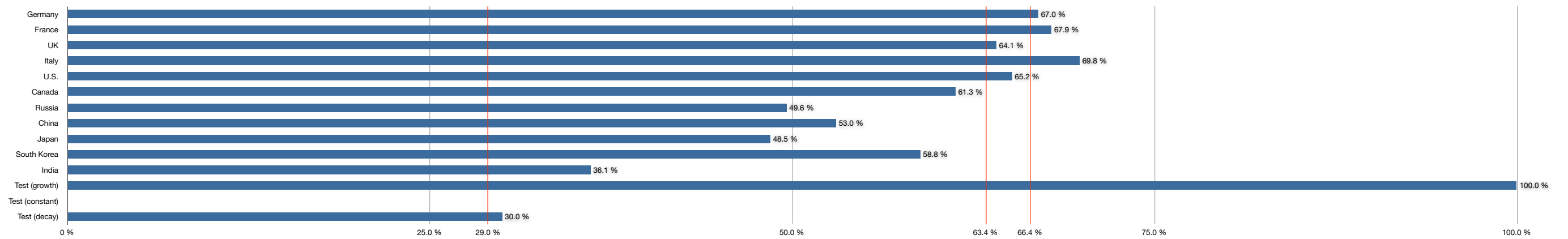
Coronavirus Pandemic Exponential Growth (2020-04-04)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2 2$	$l = \log_2 10^9$	$r = \log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$
Germany	80,500,000	2020-04-01	67,366	2020-04-04	85,778	85,778	8,577,800	10.656 %	9	3	1.0838729680	8.4 %	8.61	257	85	2020-06-27	67.0 %	0.39 %	-98	2019-12-28	-9	2020-03-25	-1	2020-04-02
France	65,100,000	2020-04-01	25,154	2020-04-04	38,172	38,172	3,817,200	5.864 %	17	3	1.0726767815	7.3 %	9.88	295	95	2020-07-07	67.9 %	0.34 %	-115	2019-12-11	-13	2020-03-21	-4	2020-03-30
UK	62,200,000	2020-04-01	105,792	2020-04-04	119,827	1,198,270	11,982,700	19.265 %	5	3	1.0423989205	4.2 %	16.69	499	151	2020-09-01	69.8 %	0.20 %	-204	2020-02-11	-1	2020-04-02	3	2020-04-07
Italy	329,300,000	2020-04-01	163,199	2020-04-04	241,703	2,417,030	24,170,300	7.340 %	14	3	1.1398687546	14.0 %	5.29	158	55	2020-05-29	65.2 %	0.63 %	-57	2020-02-06	-3	2020-04-01	2	2020-04-05
U.S.	35,900,000	2020-04-01	7,695	2020-04-04	11,732	117,320	1,173,200	3.268 %	31	3	1.1509447513	15.1 %	4.93	147	57	2020-05-31	61.3 %	0.68 %	-48	2020-02-16	3	2020-04-07	8	2020-04-11
Canada	142,100,000	2020-04-01	2,337	2020-04-04	4,149	41,490	414,900	0.292 %	342	3	1.2108627176	21.1 %	3.62	108	55	2020-05-28	49.6 %	0.92 %	-22	2020-03-12	15	2020-04-18	18	2020-04-22
Russia	1,400,000,000	2020-04-01	82,631	2020-04-04	82,631	828,750	8,287,500	0.592 %	169	3	1.0009833284	0.1 %	705.25	21085	9,905	2047-05-17	53.0 %	0.00 %	-5,065	2006-05-23	2,184	2026-03-28	2,825	2027-12-28
China	126,200,000	2020-04-01	2,178	2020-04-04	2,920	29,200	292,000	0.231 %	432	3	1.1028600971	10.3 %	7.09	212	109	2020-07-22	48.5 %	0.47 %	-41	2020-02-22	32	2020-05-05	38	2020-05-12
Japan	51,400,000	2020-04-01	9,887	2020-04-04	10,156	101,560	1,015,600	1.976 %	51	3	1.0089881197	0.9 %	77.46	2316	953	2022-11-13	58.8 %	0.04 %	-691	2018-05-14	105	2020-07-18	176	2020-09-26
South Korea	1,300,000,000	2020-04-01	1,636	2020-04-04	2,301	23,010	230,100	0.018 %	5,650	3	1.1204120554	12.0 %	6.10	182	116	2020-07-29	36.1 %	0.55 %	-13	2020-03-22	50	2020-05-23	55	2020-05-29
India	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	10,000,000,000	10,000,000 %	0	1	1.000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19
Test (growth)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress



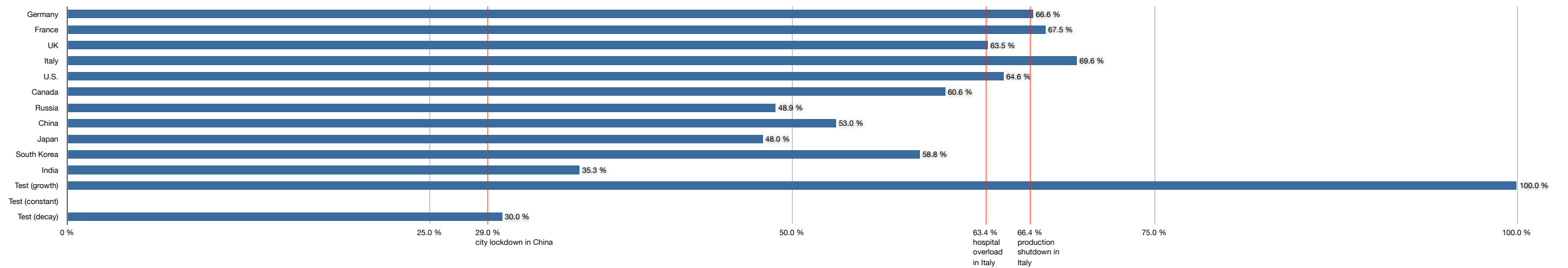
Coronavirus Pandemic Exponential Growth (2020-04-03)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2 2$	$l = \log_2 10^9$	$r = \log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-31	61,913	2020-04-03	79,696	796,960	7,969,600	9.900 %	10	3	1.0878062725	8.8 %	8.24	246	82	2020-06-24	66.6 %	0.41 %	-93	2020-01-01	-8	2020-03-26	-0	2020-04-02	
France	65,100,000	2020-03-31	43,977	2020-04-03	58,327	583,270	5,832,700	11.831 %	8	3	1.0987056216	9.9 %	7.36	220	72	2020-06-13	67.5 %	0.45 %	-85	2020-01-09	-9	2020-03-24	-2	2020-03-31	
UK	62,200,000	2020-03-31	101,739	2020-04-03	115,242	1,152,420	11,524,200	18.528 %	5	3	1.0424160928	4.2 %	16.69	499	151	2020-09-01	69.6 %	0.20 %	-203	2019-09-13	-31	2020-03-02	-16	2020-03-17	
U.S.	329,300,000	2020-03-31	140,640	2020-04-03	213,600	2,136,000	21,360,000	6.486 %	15	3	1.1494693300	14.9 %	4.94	149	53	2020-05-25	64.6 %	0.67 %	-53	2020-02-10	-2	2020-04-01	3	2020-04-05	
Canada	35,900,000	2020-03-31	6,317	2020-04-03	10,114	101,140	1,011,400	2.817 %	35	3	1.1698693356	17.0 %	4.42	132	52	2020-05-25	60.6 %	0.76 %	-42	2020-02-21	4	2020-04-06	8	2020-04-10	
Russia	142,100,000	2020-03-31	1,837	2020-04-03	3,548	35,480	354,800	0.250 %	401	3	1.2453501716	24.5 %	3.16	94	48	2020-05-21	48.9 %	1.06 %	-19	2020-03-15	14	2020-04-16	17	2020-04-19	
China	1,400,000,000	2020-03-31	82,545	2020-04-03	82,802	828,020	8,280,200	0.591 %	169	3	1.0010367425	0.1 %	668.93	19999	9,395	2045-12-23	53.0 %	0.01 %	-4,803	2007-02-08	2,073	2025-12-05	2,680	2027-08-05	
Japan	126,200,000	2020-03-31	1,953	2020-04-03	2,617	26,170	261,700	0.207 %	482	3	1.1024709630	10.2 %	7.11	212	111	2020-07-22	48.0 %	0.47 %	-40	2020-02-22	33	2020-05-05	39	2020-05-12	
South Korea	51,400,000	2020-03-31	9,786	2020-04-03	10,062	100,620	1,006,200	1.958 %	51	3	1.0093141624	0.9 %	74.76	2235	921	2022-10-10	58.8 %	0.04 %	-666	2018-06-07	103	2020-07-14	170	2020-09-20	
India	1,300,000,000	2020-03-31	1,071	2020-04-03	1,965	19,650	196,500	0.015 %	6,616	3	1.2242149947	22.4 %	3.43	102	66	2020-06-08	35.3 %	0.98 %	-6	2020-03-27	29	2020-05-01	32	2020-05-04	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress



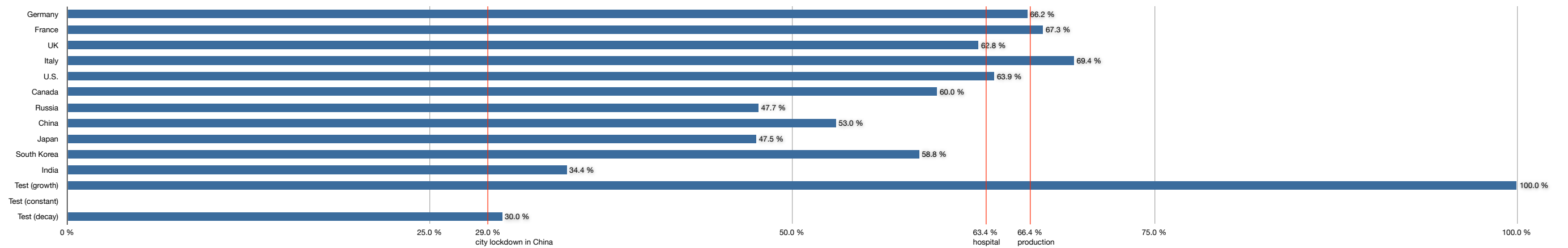
Coronavirus Pandemic Exponential Growth (2020-04-02)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurrence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p / c2$	$r = \log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\% - l) / s$	$a1 = e + r1$	$r2 = (63.4\% - l) / s$	$a2 = e + r2$	$r3 = (66.4\% - l) / s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-30	57,298	2020-04-02	73,522	735,220	7,352,200	9.133 %	11	3	1.0866573366	8.7 %	8.34	249	84	2020-06-25	66.2 %	0.40 %	-93	2019-12-31	-7	2020-03-25	0	2020-04-02	
France	65,100,000	2020-03-30	39,642	2020-04-02	56,261	562,610	5,626,100	11.412 %	9	3	1.1237868951	12.4 %	5.94	178	58	2020-05-30	67.3 %	0.56 %	-68	2020-01-24	-7	2020-03-26	-2	2020-03-31	
UK	62,200,000	2020-03-30	19,526	2020-04-02	29,478	294,780	2,947,800	4.528 %	22	3	1.1471712206	14.7 %	5.05	151	56	2020-05-28	62.8 %	0.66 %	-51	2020-02-10	1	2020-04-02	5	2020-04-07	
Italy	62,200,000	2020-03-30	97,689	2020-04-02	110,574	1,105,740	11,057,400	17.777 %	6	3	1.0421633244	4.2 %	16.78	502	153	2020-09-02	69.4 %	0.20 %	-203	2019-09-12	-30	2020-03-02	-15	2020-03-17	
U.S.	329,300,000	2020-03-30	122,653	2020-04-02	187,302	1,873,020	18,730,200	5.688 %	18	3	1.1515640008	15.2 %	4.91	147	53	2020-05-24	63.9 %	0.68 %	-51	2020-02-10	-1	2020-04-01	4	2020-04-05	
Canada	35,900,000	2020-03-30	5,655	2020-04-02	9,005	90,050	900,500	2.508 %	40	3	1.1677513265	16.8 %	4.47	134	53	2020-05-25	60.0 %	0.75 %	-41	2020-02-20	5	2020-04-06	9	2020-04-10	
Russia	142,100,000	2020-03-30	1,534	2020-04-02	2,777	27,770	277,700	0.195 %	512	3	1.2187562056	21.9 %	3.50	105	55	2020-05-26	47.7 %	0.95 %	-20	2020-03-13	16	2020-04-18	20	2020-04-21	
China	1,400,000,000	2020-03-30	82,447	2020-04-02	82,724	827,240	8,272,400	0.591 %	169	3	1.0011186595	0.1 %	619.97	18535	8,709	2044-02-04	53.0 %	0.01 %	-4,451	2008-01-25	1,922	2025-07-06	2,485	2027-01-20	
Japan	126,200,000	2020-03-30	1,866	2020-04-02	2,384	23,840	238,400	0.189 %	529	3	1.0850877749	8.5 %	8.49	254	133	2020-06-13	47.5 %	0.39 %	-47	2020-02-15	40	2020-05-12	48	2020-05-19	
South Korea	51,400,000	2020-03-30	9,661	2020-04-02	9,976	99,760	997,600	1.941 %	52	3	1.0107524114	1.1 %	64.81	1938	799	2022-06-10	58.8 %	0.05 %	-576	2018-09-03	90	2020-06-30	149	2020-08-28	
India	1,300,000,000	2020-03-30	1,071	2020-04-02	1,636	16,360	163,600	0.013 %	7,946	3	1.1516785447	15.2 %	4.91	147	96	2020-07-07	34.4 %	0.68 %	-8	2020-03-25	42	2020-05-14	47	2020-05-18	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.00 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress

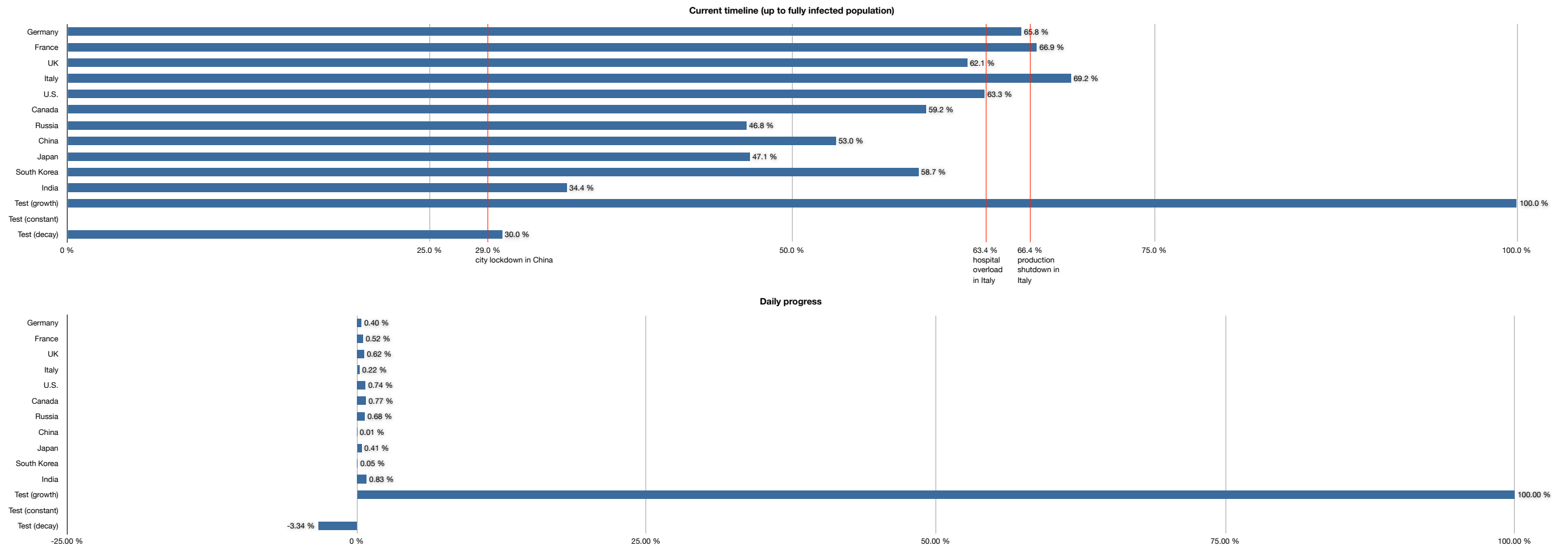


Coronavirus Pandemic Exponential Growth (2020-04-01)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p / 10^9$	$r = \log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\% - l) / s$	$a1 = e + r1$	$r2 = (63.4\% - l) / s$	$a2 = e + r2$	$r3 = (66.4\% - l) / s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-29	52,547	2020-04-01	67,366	673,660	6,736,600	8.368 %	12	3	1.0863362660	8.6 %	8.37	250	86	2020-06-25	65.8 %	0.40 %	-92	2019-12-30	-6	2020-03-25	2	2020-04-02	
France	65,100,000	2020-03-29	37,145	2020-04-01	51,477	514,770	5,147,700	10.442 %	10	3	1.1149043812	11.5 %	6.37	191	63	2020-06-03	66.9 %	0.52 %	-72	2020-01-19	-7	2020-03-25	-1	2020-03-31	
UK	62,200,000	2020-03-29	17,093	2020-04-01	25,154	251,540	2,515,400	3.864 %	26	3	1.1374428577	13.7 %	5.38	161	61	2020-06-01	62.1 %	0.62 %	-53	2020-02-07	2	2020-04-03	7	2020-04-07	
Italy	62,200,000	2020-03-29	92,472	2020-04-01	105,792	1,057,920	10,579,200	17.008 %	6	3	1.0458775935	4.6 %	15.45	462	142	2020-08-21	69.2 %	0.22 %	-186	2019-09-28	-27	2020-03-04	-13	2020-03-19	
U.S.	329,300,000	2020-03-29	103,321	2020-04-01	163,199	1,631,990	16,319,900	4.956 %	20	3	1.1645986906	16.5 %	4.55	136	50	2020-05-20	63.3 %	0.74 %	-47	2020-02-14	0	2020-04-01	4	2020-04-05	
Canada	35,900,000	2020-03-29	4,757	2020-04-01	7,695	76,950	769,500	2.143 %	47	3	1.1738839306	17.4 %	4.32	129	53	2020-05-23	59.2 %	0.77 %	-39	2020-02-21	5	2020-04-06	9	2020-04-10	
Russia	142,100,000	2020-03-29	1,534	2020-04-01	2,337	23,370	233,700	0.164 %	608	3	1.1506532035	15.1 %	4.94	148	78	2020-06-18	46.8 %	0.68 %	-26	2020-03-05	24	2020-04-25	29	2020-04-29	
China	1,400,000,000	2020-03-29	82,341	2020-04-01	82,631	826,310	8,263,100	0.590 %	169	3	1.0011726042	0.1 %	591.46	17683	8,309	2022-12-31	53.0 %	0.01 %	-4,245	2008-08-17	1,834	2025-04-09	2,372	2026-09-28	
Japan	126,200,000	2020-03-29	1,693	2020-04-01	2,178	21,780	217,800	0.173 %	579	3	1.0875944243	8.8 %	8.25	247	131	2020-08-09	47.1 %	0.41 %	-45	2020-02-16	40	2020-05-11	48	2020-05-18	
South Korea	51,400,000	2020-03-29	9,583	2020-04-01	9,887	98,870	988,700	1.924 %	52	3	1.0104643953	1.0 %	66.58	1991	822	2022-07-01	58.7 %	0.05 %	-591	2018-08-18	93	2020-07-03	153	2020-09-01	
India	1,300,000,000	2020-03-29	979	2020-04-01	1,636	16,360	163,600	0.013 %	7,946	3	1.1866797620	18.7 %	4.05	121	79	2020-06-19	34.4 %	0.83 %	-7	2020-03-25	35	2020-05-06	39	2020-05-09	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	10,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.



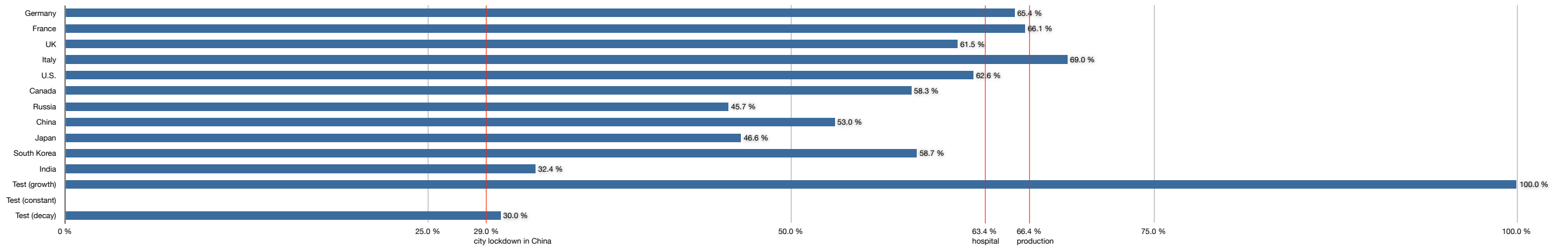
Coronavirus Pandemic Exponential Growth (2020-03-31)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = log_2 2$	$l = log_2 10^9$	$r = log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-28	48,582	2020-03-31	61,913	619,130	6,191,300	7.691 %	13	3	1.0841819006	8.4 %	8.58	256	89	2020-06-27	65.4 %	0.39 %	-93	2019-12-28	-5	2020-03-25	3	2020-04-02	
France	65,100,000	2020-03-28	32,542	2020-03-31	43,977	439,770	4,397,700	6.605 %	11	3	1.1055891966	10.6 %	6.91	206	70	2020-06-08	66.1 %	0.48 %	-77	2020-01-14	-6	2020-03-25	1	2020-03-31	
UK	62,200,000	2020-03-28	14,547	2020-03-31	22,145	221,450	2,214,500	3.544 %	29	3	1.1503608206	15.0 %	4.95	148	57	2020-05-27	61.5 %	0.68 %	-48	2020-02-11	3	2020-04-02	7	2020-04-07	
Italy	62,200,000	2020-03-28	86,498	2020-03-31	101,739	1,017,390	10,173,900	16.357 %	6	3	1.0555864325	5.6 %	12.81	383	119	2020-07-27	69.0 %	0.26 %	-153	2019-10-29	-22	2020-03-09	-10	2020-03-20	
U.S.	329,300,000	2020-03-28	85,228	2020-03-31	140,640	1,406,400	14,064,000	4.271 %	23	3	1.1817044025	18.2 %	4.15	124	46	2020-05-16	62.6 %	0.81 %	-42	2020-02-18	1	2020-04-01	5	2020-04-04	
Canada	35,900,000	2020-03-28	4,018	2020-03-31	6,317	63,170	631,700	1.780 %	57	3	1.1627873939	16.3 %	4.60	137	57	2020-05-27	58.3 %	0.73 %	-40	2020-02-19	7	2020-04-07	11	2020-04-11	
Russia	142,100,000	2020-03-28	1,264	2020-03-31	1,837	18,370	183,700	0.129 %	774	3	1.1327151106	13.3 %	5.56	166	90	2020-06-29	45.7 %	0.60 %	-28	2020-03-03	29	2020-04-29	34	2020-05-04	
China	1,400,000,000	2020-03-28	82,230	2020-03-31	82,545	825,450	8,254,500	0.590 %	170	3	1.0012752792	0.1 %	543.87	16260	7,641	2041-03-02	53.0 %	0.01 %	-3,903	2009-07-24	1,688	2024-11-12	2,182	2026-03-21	
Japan	126,200,000	2020-03-28	1,499	2020-03-31	1,953	19,530	195,300	0.155 %	646	3	1.0921950489	9.2 %	7.86	235	126	2020-08-03	46.6 %	0.43 %	-41	2020-02-18	40	2020-05-09	47	2020-05-16	
South Korea	51,400,000	2020-03-28	9,478	2020-03-31	9,786	97,860	978,600	1.904 %	53	3	1.0107168414	1.1 %	65.02	1944	804	2022-06-12	58.7 %	0.05 %	-577	2018-09-01	92	2020-06-30	151	2020-08-28	
India	1,300,000,000	2020-03-28	724	2020-03-31	1,071	10,710	107,100	0.008 %	12,138	3	1.1394194664	13.9 %	5.31	159	107	2020-07-16	32.4 %	0.63 %	-5	2020-03-25	49	2020-05-19	54	2020-05-24	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress

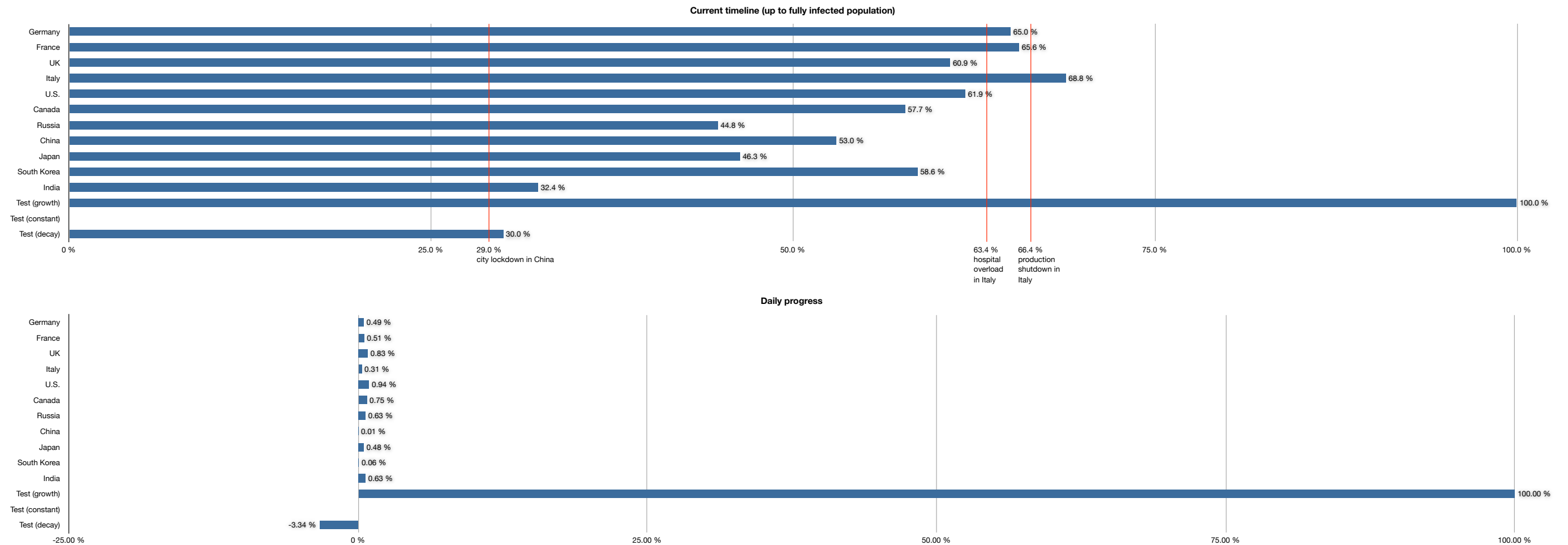


Coronavirus Pandemic Exponential Growth (2020-03-30)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p / 10^9$	$r = \log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\% - l) / s$	$a1 = e + r1$	$r2 = (63.4\% - l) / s$	$a2 = e + r2$	$r3 = (66.4\% - l) / s$	$a3 = e + r3$
Germany	80,500,000	2020-03-27	42,288	2020-03-30	57,298	572,980	5,729,800	7.118 %	14	3	1.1065578050	10.7 %	6.85	205	72	2020-06-09	65.0 %	0.49 %	-74	2020-01-16	-3	2020-03-26	3	2020-04-01
France	65,100,000	2020-03-27	11,662	2020-03-30	19,526	195,260	1,952,600	2.999 %	33	3	1.1874447616	18.7 %	4.03	121	47	2020-05-16	60.9 %	0.83 %	-38	2020-02-20	3	2020-04-02	7	2020-04-05
UK	62,200,000	2020-03-27	80,539	2020-03-30	97,689	976,890	9,768,900	15.706 %	6	3	1.0664646807	6.6 %	10.77	322	100	2020-07-08	68.8 %	0.31 %	-128	2019-11-22	-18	2020-03-12	-8	2020-03-22
U.S.	329,300,000	2020-03-27	68,334	2020-03-30	122,653	1,226,530	12,265,300	3.725 %	27	3	1.2152914541	21.5 %	3.55	106	40	2020-05-09	61.9 %	0.94 %	-35	2020-02-24	2	2020-03-31	5	2020-04-03
Canada	35,900,000	2020-03-27	3,555	2020-03-30	5,655	56,550	565,500	1.575 %	63	3	1.1673409085	16.7 %	4.48	134	57	2020-05-25	57.7 %	0.75 %	-38	2020-02-20	8	2020-04-06	12	2020-04-10
Russia	142,100,000	2020-03-27	1,036	2020-03-30	1,534	15,340	153,400	0.108 %	926	3	1.1397821941	14.0 %	5.30	158	87	2020-06-25	44.8 %	0.63 %	-25	2020-03-04	29	2020-04-28	34	2020-05-03
China	1,400,000,000	2020-03-27	82,078	2020-03-30	82,447	824,470	8,244,700	0.589 %	170	3	1.0014963344	0.1 %	463.58	13860	6,514	2020-01-28	53.0 %	0.01 %	-3,326	2011-02-20	1,439	2024-03-08	1,960	2025-05-03
Japan	126,200,000	2020-03-27	1,387	2020-03-30	1,866	18,660	186,600	0.148 %	676	3	1.1039389569	10.4 %	7.01	210	112	2020-07-20	46.3 %	0.48 %	-36	2020-02-22	36	2020-05-04	42	2020-05-11
South Korea	51,400,000	2020-03-27	9,332	2020-03-30	9,661	96,610	966,100	1.880 %	53	3	1.0116162198	1.2 %	60.02	1794	743	2022-04-11	58.6 %	0.06 %	-531	2018-10-15	86	2020-06-23	140	2020-08-17
India	1,300,000,000	2020-03-27	724	2020-03-30	1,071	10,710	107,100	0.008 %	12,138	3	1.1394194664	13.9 %	5.31	159	107	2020-07-15	32.4 %	0.63 %	-5	2020-03-24	49	2020-05-18	54	2020-05-23
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.



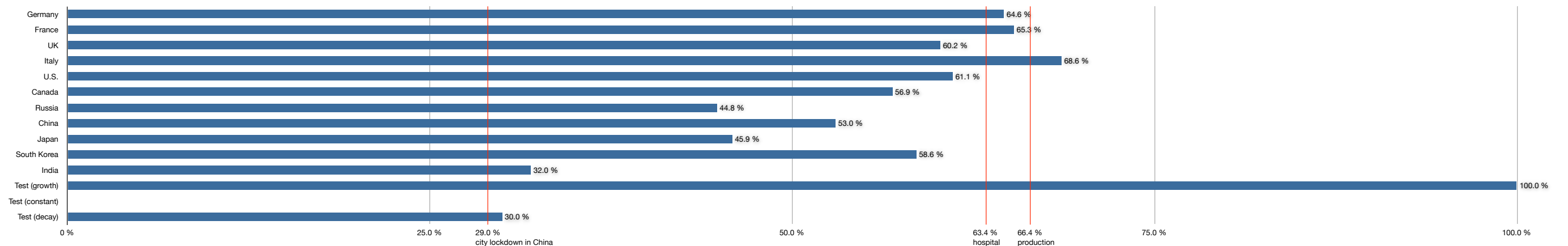
Coronavirus Pandemic Exponential Growth (2020-03-29)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurrence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p / c2$	$r = \log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-26	36,508	2020-03-29	52,547	525,470	5,254,700	6.528 %	15	3	1.1290676431	12.9 %	5.71	171	60	2020-05-28	64.6 %	0.59 %	-61	2020-01-28	-2	2020-03-26	3	2020-04-01	
France	65,100,000	2020-03-26	24,920	2020-03-29	37,145	371,450	3,714,500	7.534 %	13	3	1.1423103407	14.2 %	5.21	156	54	2020-05-22	65.3 %	0.64 %	-57	2020-02-01	-3	2020-03-26	2	2020-03-30	
UK	62,200,000	2020-03-26	9,533	2020-03-29	17,093	170,930	1,709,300	2.626 %	38	3	1.2148693253	21.5 %	3.56	106	42	2020-05-10	60.2 %	0.94 %	-33	2020-02-24	-3	2020-04-01	7	2020-04-04	
Italy	62,200,000	2020-03-26	74,386	2020-03-29	92,472	924,720	9,247,200	14.867 %	7	3	1.0752423177	7.5 %	9.55	286	90	2020-06-26	68.6 %	0.35 %	-113	2019-12-06	-15	2020-03-14	-6	2020-03-22	
U.S.	329,300,000	2020-03-26	63,570	2020-03-29	103,321	1,033,210	10,332,100	3.138 %	32	3	1.1757422637	17.6 %	4.28	128	50	2020-05-17	61.1 %	0.78 %	-41	2020-02-16	3	2020-03-31	7	2020-04-04	
Canada	35,900,000	2020-03-26	3,409	2020-03-29	4,757	47,570	475,700	1.325 %	75	3	1.1174687409	11.7 %	6.24	187	80	2020-06-17	56.9 %	0.54 %	-52	2020-02-05	12	2020-04-10	18	2020-04-15	
Russia	142,100,000	2020-03-26	840	2020-03-29	1,534	15,340	153,400	0.108 %	926	3	1.2223118566	22.2 %	3.45	103	57	2020-05-24	44.8 %	0.97 %	-16	2020-03-12	19	2020-04-17	22	2020-04-20	
China	1,400,000,000	2020-03-26	81,961	2020-03-29	82,341	823,410	8,234,100	0.588 %	170	3	1.0015430682	0.2 %	449.55	13440	6,318	2027-07-15	53.0 %	0.01 %	-3,224	2011-05-31	1,396	2024-01-24	1,805	2025-03-07	
Japan	126,200,000	2020-03-26	1,291	2020-03-29	1,693	16,930	169,300	0.134 %	745	3	1.0945700785	9.5 %	7.67	229	124	2020-07-31	45.9 %	0.44 %	-39	2020-02-19	40	2020-05-08	47	2020-05-15	
South Korea	51,400,000	2020-03-26	9,241	2020-03-29	9,583	95,830	958,300	1.864 %	54	3	1.0121871961	1.2 %	57.22	1711	709	2022-03-07	58.6 %	0.06 %	-506	2018-11-09	83	2020-06-19	134	2020-08-10	
India	1,300,000,000	2020-03-26	649	2020-03-29	979	9,790	97,900	0.008 %	13,279	3	1.1468659661	14.7 %	5.06	151	103	2020-07-09	32.0 %	0.66 %	-4	2020-03-24	48	2020-05-15	52	2020-05-20	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	10,000,000,000	10,000,000 %	0	1	1.000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress



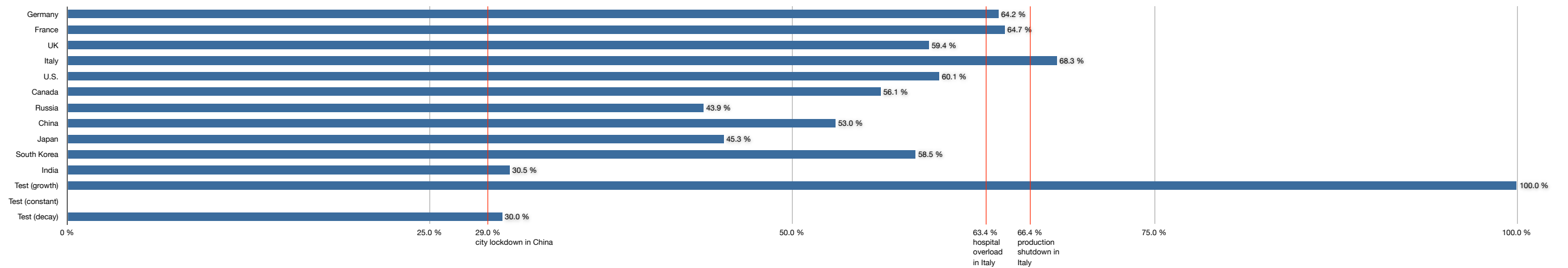
Coronavirus Pandemic Exponential Growth (2020-03-28)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 10^9$	$r = \log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-t)/s$	$a1 = e + r1$	$r2 = (63.4\%-t)/s$	$a2 = e + r2$	$r3 = (66.4\%-t)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-25	31,554	2020-03-28	48,582	485,820	4,858,200	6.035 %	17	3	1.1547119390	15.5 %	4.62	144	52	2020-05-18	64.2 %	0.69 %	-51	2020-02-06	-1	2020-03-26	3	2020-03-31	
France	65,100,000	2020-03-25	8,081	2020-03-28	14,547	145,470	1,454,700	2.235 %	45	3	1.1389625418	13.9 %	5.33	159	56	2020-05-23	64.7 %	0.63 %	-57	2020-01-31	-2	2020-03-25	3	2020-03-30	
UK	62,200,000	2020-03-25	69,176	2020-03-28	86,498	864,980	8,649,800	13.906 %	7	3	1.2164738495	21.6 %	3.54	106	43	2020-05-09	59.4 %	0.95 %	-32	2020-02-24	4	2020-04-01	7	2020-04-04	
Italy	329,300,000	2020-03-25	51,914	2020-03-28	85,228	852,280	8,522,800	2.588 %	39	3	1.0773336043	7.7 %	9.31	278	88	2020-06-24	68.3 %	0.36 %	-109	2019-12-09	-14	2020-03-14	-5	2020-03-22	
U.S.	35,900,000	2020-03-25	1,739	2020-03-28	4,018	40,180	401,800	1.119 %	89	3	1.1796846673	18.0 %	4.19	125	50	2020-05-16	60.1 %	0.80 %	-39	2020-02-17	4	2020-04-01	8	2020-04-04	
Canada	142,100,000	2020-03-25	658	2020-03-28	1,264	12,640	126,400	0.089 %	1,124	3	1.3220162196	32.2 %	2.48	74	33	2020-04-29	56.1 %	1.35 %	-20	2020-03-07	5	2020-04-02	8	2020-04-04	
Russia	1,400,000,000	2020-03-25	81,848	2020-03-28	82,230	822,300	8,223,000	0.587 %	170	3	1.2431028442	24.3 %	3.19	95	53	2020-05-20	43.9 %	1.05 %	-14	2020-03-13	19	2020-04-15	21	2020-04-18	
China	1,262,000,000	2020-03-25	1,193	2020-03-28	1,499	14,990	149,900	0.119 %	842	3	1.0015533153	0.2 %	446.58	13352	6,277	2037-06-03	53.0 %	0.01 %	-3,202	2011-06-21	1,388	2024-01-15	1,794	2025-02-23	
Japan	126,200,000	2020-03-25	9,137	2020-03-28	9,478	94,780	947,800	1.844 %	54	3	1.0790802148	7.9 %	9.11	272	149	2020-06-24	45.3 %	0.37 %	-44	2020-02-12	49	2020-05-16	58	2020-05-24	
South Korea	51,400,000	2020-03-25	562	2020-03-28	724	7,240	72,400	0.006 %	17,956	3	1.0122886322	1.2 %	56.75	1697	704	2022-03-01	58.5 %	0.06 %	-501	2018-11-13	83	2020-06-18	134	2020-08-09	
India	1,300,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0880965089	8.8 %	8.21	245	171	2020-09-14	30.5 %	0.41 %	-4	2020-03-24	81	2020-06-16	88	2020-06-24	
Test (growth)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress

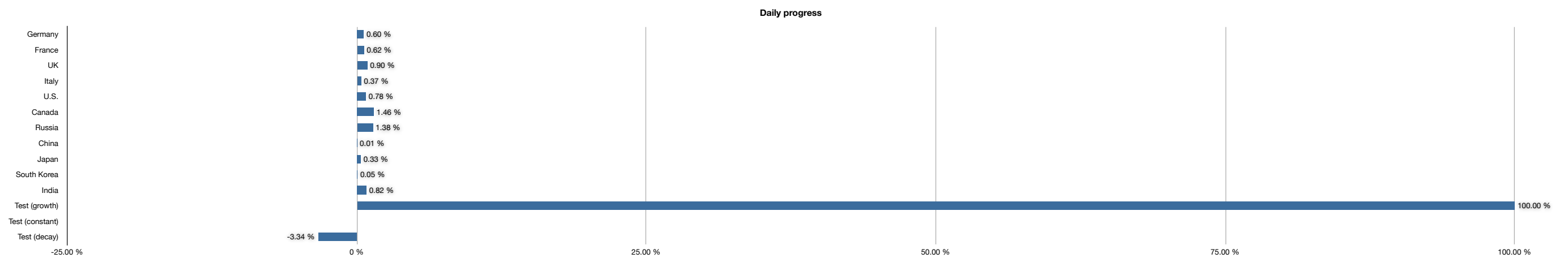
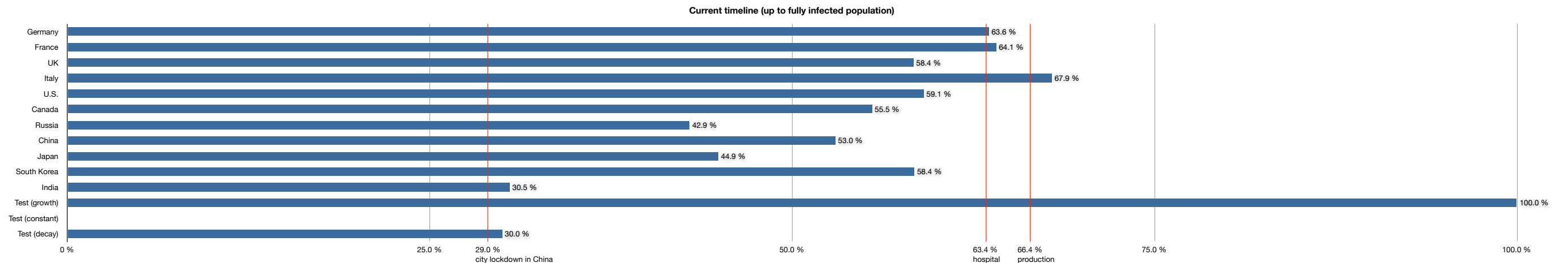


Coronavirus Pandemic Exponential Growth (2020-03-27)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurrence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p / 10^9$	$r = \log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-24	29,212	2020-03-27	42,288	422,880	4,228,800	5.253 %	19	3	1.1312327018	13.1 %	5.62	168	61	2020-05-27	63.6 %	0.60 %	-59	2020-01-28	-0	2020-03-26	5	2020-03-31	
France	65,100,000	2020-03-24	6,654	2020-03-27	11,662	116,620	1,166,200	1.791 %	56	3	1.2056745125	20.6 %	3.71	111	46	2020-05-12	64.1 %	0.62 %	-57	2020-01-30	-1	2020-03-25	4	2020-03-30	
UK	62,200,000	2020-03-24	63,927	2020-03-27	80,539	805,390	8,053,900	12.948 %	8	3	1.0800419798	8.0 %	9.00	269	86	2020-06-21	67.9 %	0.37 %	-105	2019-12-13	-12	2020-03-14	-4	2020-03-22	
Italy	329,300,000	2020-03-24	42,164	2020-03-27	68,334	683,340	6,833,400	2.075 %	48	3	1.1746225830	17.5 %	4.31	129	53	2020-05-18	59.1 %	0.78 %	-39	2020-02-17	6	2020-04-01	9	2020-04-05	
U.S.	35,900,000	2020-03-24	1,432	2020-03-27	3,555	35,550	355,500	0.990 %	101	3	1.3540421873	35.4 %	2.29	68	30	2020-04-26	55.5 %	1.46 %	-18	2020-03-08	5	2020-04-01	7	2020-04-03	
Canada	142,100,000	2020-03-24	438	2020-03-27	1,036	10,360	103,600	0.073 %	1,372	3	1.3323813600	33.2 %	2.42	72	41	2020-05-07	42.9 %	1.38 %	-10	2020-03-16	15	2020-04-10	17	2020-04-12	
Russia	1,400,000,000	2020-03-24	81,747	2020-03-27	82,078	820,780	8,207,800	0.586 %	171	3	1.0013478752	0.1 %	514.60	15385	7,234	2020-01-16	53.0 %	0.01 %	-3,688	2010-02-19	1,601	2024-08-13	2,068	2025-11-24	
China	126,200,000	2020-03-24	1,128	2020-03-27	1,387	13,870	138,700	0.110 %	910	3	1.0713279954	7.1 %	10.06	301	166	2020-09-08	44.9 %	0.33 %	-48	2020-02-08	56	2020-05-21	65	2020-05-30	
Japan	51,400,000	2020-03-24	9,037	2020-03-27	9,332	93,320	933,200	1.816 %	55	3	1.0107648934	1.1 %	64.74	1935	804	2022-06-09	58.4 %	0.05 %	-570	2018-09-04	96	2020-06-30	155	2020-08-28	
South Korea	1,300,000,000	2020-03-24	434	2020-03-27	724	7,240	72,400	0.006 %	17,956	3	1.1859952388	18.6 %	4.06	121	84	2020-06-19	30.5 %	0.82 %	-2	2020-03-25	40	2020-05-05	44	2020-05-09	
India	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	10,000,000,000	10,000,000 %	0	1	1.000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (growth)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.



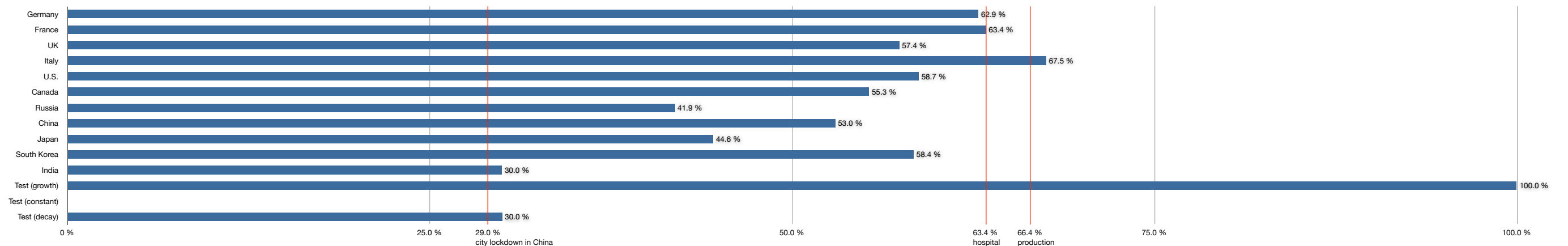
Coronavirus Pandemic Exponential Growth (2020-03-26)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 p$	$r = \log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-23	24,774	2020-03-26	36,508	365,080	3,650,800	4.535 %	22	3	1.1379695367	13.8 %	5.36	160	60	2020-05-24	62.9 %	0.62 %	-54	2020-01-31	1	2020-03-26	6	2020-03-31	
France	65,100,000	2020-03-23	15,821	2020-03-26	24,920	249,200	2,492,000	5.055 %	20	3	1.1635133459	16.4 %	4.58	137	50	2020-05-15	63.4 %	0.73 %	-47	2020-02-07	0	2020-03-26	4	2020-03-30	
UK	62,200,000	2020-03-23	5,687	2020-03-26	9,533	95,330	953,300	1.464 %	68	3	1.1879061249	18.8 %	4.03	120	51	2020-05-16	57.4 %	0.83 %	-34	2020-02-20	7	2020-04-02	11	2020-04-05	
Italy	62,200,000	2020-03-23	59,138	2020-03-26	74,386	743,860	7,438,600	11.959 %	8	3	1.0794640689	7.9 %	9.06	271	88	2020-06-21	67.5 %	0.37 %	-104	2019-12-12	-11	2020-03-14	-3	2020-03-23	
U.S.	329,300,000	2020-03-23	31,573	2020-03-26	63,570	635,700	6,357,000	1.930 %	52	3	1.2627347161	26.3 %	2.97	89	37	2020-05-01	58.7 %	1.13 %	-26	2020-02-28	4	2020-03-30	7	2020-04-01	
Canada	35,900,000	2020-03-23	1,384	2020-03-26	3,409	34,090	340,900	0.950 %	105	3	1.3505074067	35.1 %	2.31	69	31	2020-04-25	55.3 %	1.45 %	-18	2020-03-07	6	2020-03-31	8	2020-04-02	
Russia	142,100,000	2020-03-23	438	2020-03-26	840	8,400	84,000	0.059 %	1,692	3	1.2424198798	24.2 %	3.19	95	55	2020-05-20	41.9 %	1.05 %	-12	2020-03-13	21	2020-04-15	23	2020-04-18	
China	1,400,000,000	2020-03-23	81,601	2020-03-26	81,961	819,610	8,196,100	0.585 %	171	3	1.0014684129	0.1 %	472.38	14123	6,642	2038-06-01	53.0 %	0.01 %	-3,385	2010-12-19	1,471	2024-04-04	1,900	2025-06-07	
Japan	126,200,000	2020-03-23	1,089	2020-03-26	1,291	12,910	129,100	0.102 %	978	3	1.0583584644	5.8 %	12.22	365	203	2020-10-14	44.6 %	0.27 %	-57	2020-01-29	69	2020-06-02	80	2020-06-13	
South Korea	51,400,000	2020-03-23	8,961	2020-03-26	9,241	92,410	924,100	1.798 %	56	3	1.0103088663	1.0 %	67.58	2021	841	2022-07-14	58.4 %	0.05 %	-594	2018-08-10	101	2020-07-04	162	2020-09-04	
India	1,300,000,000	2020-03-23	415	2020-03-26	649	6,490	64,900	0.005 %	20,031	3	1.1607326480	16.1 %	4.65	139	97	2020-07-01	30.0 %	0.72 %	-1	2020-03-24	46	2020-05-11	51	2020-05-15	
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

Current timeline (up to fully infected population)



Daily progress

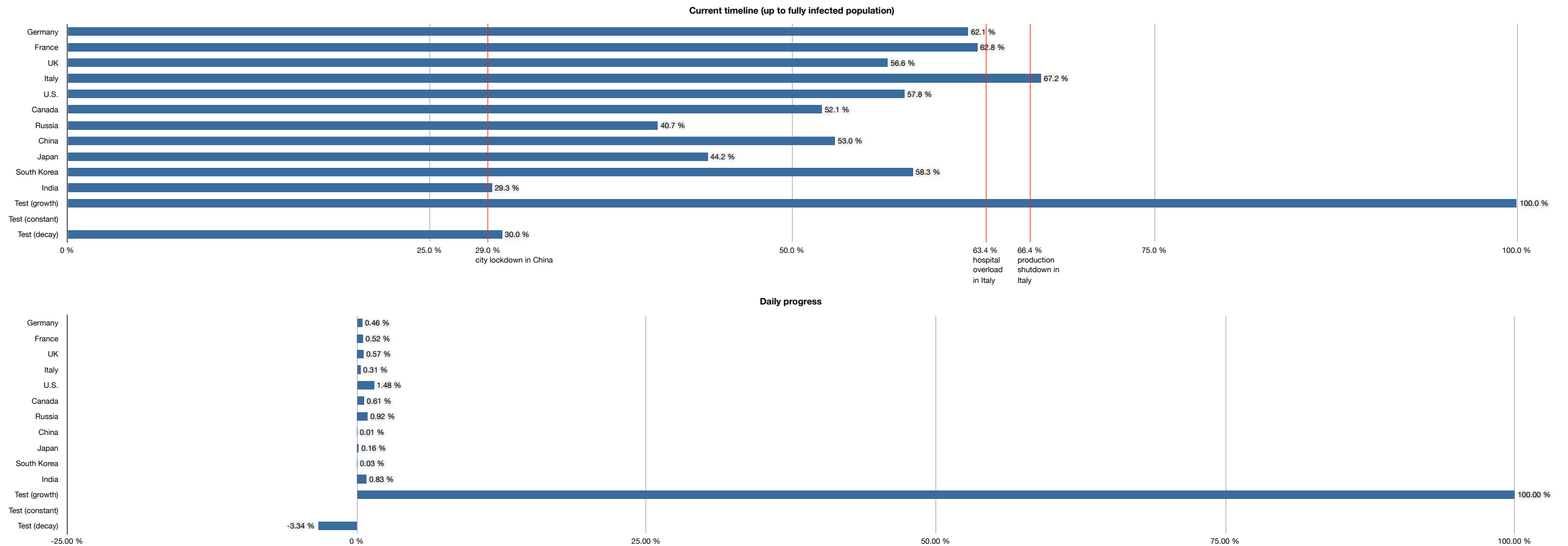


Coronavirus Pandemic Exponential Growth (2020-03-25)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = log_2$	$l = log_2 p / 2$	$r = log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$
Germany	80,500,000	2020-03-21	21,463	2020-03-25	31,554	315,540	3,155,400	3.920 %	26	4	1.1011360949	10.1 %	7.19	215	81	2020-06-14	62.1 %	0.46 %	-71	2020-01-13	3	2020-03-27	9	2020-04-03
France	65,100,000	2020-03-21	14,296	2020-03-25	22,025	220,250	2,202,500	4.468 %	22	4	1.1141030018	11.4 %	6.42	192	71	2020-06-04	62.8 %	0.52 %	-65	2020-01-20	1	2020-03-26	7	2020-03-31
UK	62,200,000	2020-03-21	5,018	2020-03-25	8,081	80,810	808,100	1.241 %	81	4	1.1265062678	12.7 %	5.82	174	76	2020-06-08	56.6 %	0.57 %	-48	2020-02-05	12	2020-04-05	17	2020-04-11
Italy	62,200,000	2020-03-21	53,578	2020-03-25	69,176	691,760	6,917,600	11.122 %	9	4	1.0659632616	6.6 %	10.85	324	106	2020-07-09	67.2 %	0.31 %	-124	2019-11-22	-12	2020-03-12	-2	2020-03-22
U.S.	329,300,000	2020-03-21	15,219	2020-03-25	51,914	519,140	5,191,400	1.576 %	63	4	1.3590160755	35.9 %	2.26	68	29	2020-04-22	57.8 %	1.48 %	-19	2020-03-05	4	2020-03-28	6	2020-03-30
Canada	35,900,000	2020-03-21	1,048	2020-03-25	1,739	17,390	173,900	0.484 %	206	4	1.1349705034	13.5 %	5.47	164	78	2020-06-11	52.1 %	0.61 %	-38	2020-02-16	19	2020-04-12	24	2020-04-17
Russia	142,100,000	2020-03-21	306	2020-03-25	658	6,580	65,800	0.464 %	2,160	4	1.2109497358	21.1 %	3.62	108	64	2020-05-28	40.7 %	0.92 %	-13	2020-03-12	25	2020-04-18	28	2020-04-21
China	1,400,000,000	2020-03-21	81,498	2020-03-25	81,848	818,480	8,184,800	0.585 %	171	4	1.0010719212	0.1 %	646.99	19343	9,098	2045-02-20	53.0 %	0.01 %	-4,635	2007-07-17	2,015	2025-09-30	2,603	2027-05-11
Japan	126,200,000	2020-03-21	1,046	2020-03-25	1,193	11,930	119,300	0.095 %	1,058	4	1.0334207793	3.3 %	21.08	630	352	2021-03-11	44.2 %	0.16 %	-96	2019-12-20	121	2020-07-24	140	2020-08-12
South Korea	51,400,000	2020-03-21	8,897	2020-03-25	9,137	91,370	913,700	1.778 %	56	4	1.0066766810	0.7 %	104.16	3114	1,298	2023-10-13	58.3 %	0.03 %	-913	2017-09-23	157	2020-08-29	252	2020-12-01
India	1,300,000,000	2020-03-21	283	2020-03-25	562	5,620	56,200	0.004 %	23,132	4	1.1871004511	18.7 %	4.04	121	85	2020-06-18	29.3 %	0.83 %	-0	2020-03-24	41	2020-05-05	45	2020-05-08
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000.000 %	0	1	1.0000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

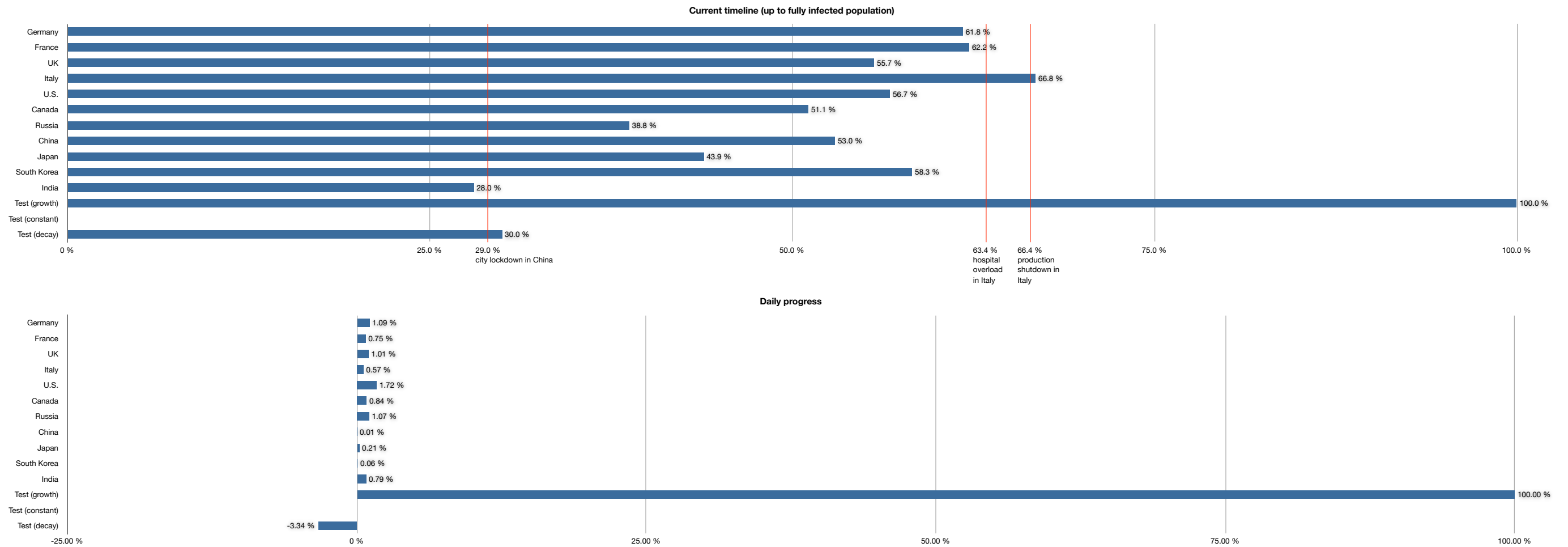


Coronavirus Pandemic Exponential Growth (2020-03-24)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = log_2$	$l = log_2 p / c2$	$r = log_2 p / c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\% - t) / s$	$a1 = e + r1$	$r2 = (63.4\% - t) / s$	$a2 = e + r2$	$r3 = (66.4\% - t) / s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-17	6,012	2020-03-24	29,212	292,120	2,921,200	3.629 %	28	7	1.2533647442	25.3 %	3.07	92	35	2020-04-28	61.8 %	1.09 %	-30	2020-02-22	1	2020-03-25	4	2020-03-28	
France	65,100,000	2020-03-17	1,547	2020-03-24	19,615	196,150	1,961,500	3.979 %	25	7	1.1690473376	16.9 %	4.44	133	50	2020-05-13	62.2 %	0.75 %	-44	2020-02-08	2	2020-03-25	6	2020-03-29	
UK	62,200,000	2020-03-17	27,980	2020-03-24	63,927	639,270	6,392,700	10.278 %	10	7	1.2317234559	23.2 %	3.33	99	44	2020-05-07	55.7 %	1.01 %	-27	2020-02-26	8	2020-03-31	11	2020-04-03	
Italy	329,300,000	2020-03-17	3,503	2020-03-24	42,164	421,640	4,216,400	1.280 %	78	7	1.1252845949	12.5 %	5.87	176	58	2020-05-21	66.8 %	0.57 %	-66	2020-01-17	-6	2020-03-18	-1	2020-03-23	
U.S.	35,900,000	2020-03-17	424	2020-03-24	1,432	14,320	143,200	0.399 %	251	7	1.4267812093	42.7 %	1.95	58	25	2020-04-18	56.7 %	1.72 %	-16	2020-03-07	4	2020-03-27	6	2020-03-29	
Canada	142,100,000	2020-03-17	93	2020-03-24	438	4,380	43,800	0.031 %	3,244	7	1.1899015303	19.0 %	3.99	119	58	2020-05-21	51.1 %	0.84 %	-26	2020-02-26	15	2020-04-07	18	2020-04-11	
Russia	1,400,000,000	2020-03-17	81,116	2020-03-24	81,747	817,470	8,174,700	0.584 %	171	7	1.2477902694	24.8 %	3.13	94	57	2020-05-20	38.8 %	1.07 %	-9	2020-03-14	23	2020-04-16	26	2020-04-18	
China	126,200,000	2020-03-17	829	2020-03-24	1,128	11,280	112,800	0.089 %	1,119	7	1.0011075962	0.1 %	626.16	18720	8,806	2044-05-03	53.0 %	0.01 %	-4,484	2007-12-13	1,952	2025-07-27	2,520	2027-02-16	
Japan	51,400,000	2020-03-17	8,320	2020-03-24	9,037	90,370	903,700	1.758 %	57	7	1.0449795599	4.5 %	15.75	471	264	2020-12-13	43.9 %	0.21 %	-70	2020-01-13	92	2020-06-23	106	2020-07-08	
South Korea	51,400,000	2020-03-17	137	2020-03-24	434	4,340	43,400	0.003 %	29,954	7	1.0118792915	1.2 %	58.70	1755	732	2022-03-26	58.3 %	0.06 %	-514	2018-10-27	90	2020-06-21	143	2020-08-13	
India	1,300,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	10,000,000,000	10,000,000 %	0	1	1.1790669114	17.9 %	4.21	126	91	2020-06-22	28.0 %	0.79 %	1	2020-03-25	44	2020-05-07	48	2020-05-11	
Test (growth)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

Color Legend:
 Daily factor: < 1.0507... (= 2^(1/14)) green, ≥ 1.0507... (= 2^(1/14)) orange, ≥ 1.0607... (= 2^(1/14)+0.01) red
 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.

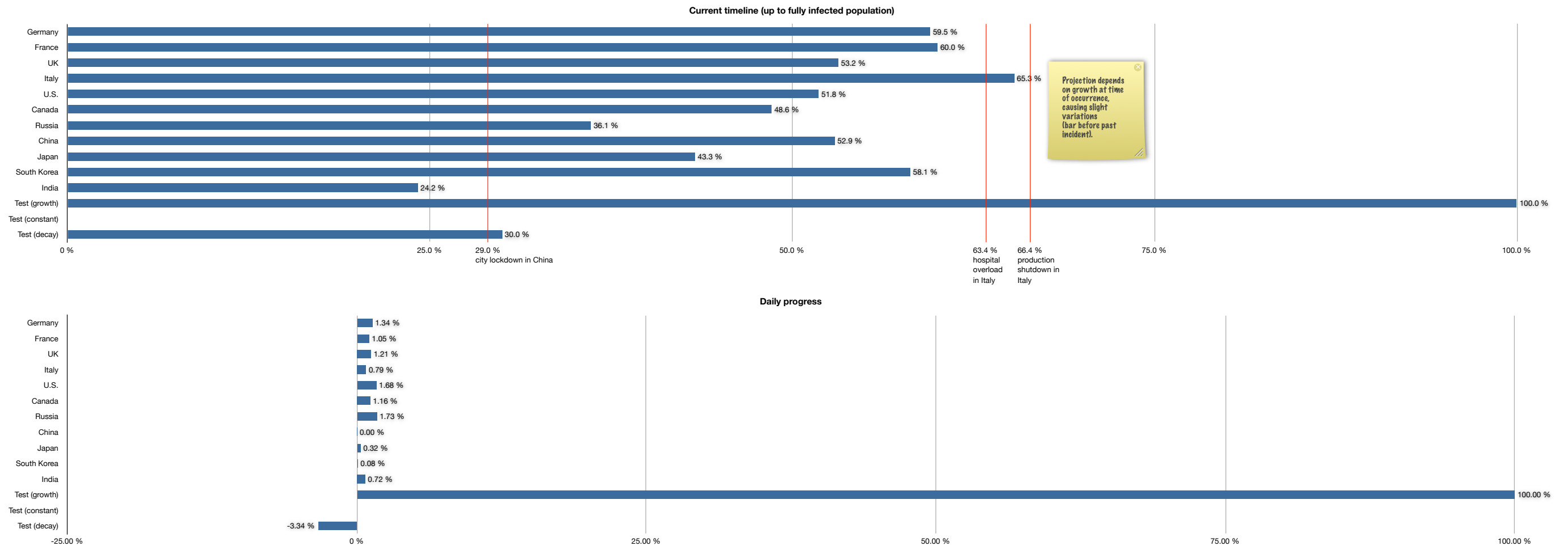


Coronavirus Pandemic Exponential Growth (2020-03-20)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurrence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)	
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3	
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = logr 2$	$l = logr 10^9$	$r = logr p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-t)/s$	$a1 = e + r1$	$r2 = (63.4\%-t)/s$	$a2 = e + r2$	$r3 = (66.4\%-t)/s$	$a3 = e + r3$	
Germany	80,500,000	2020-03-10	1,139	2020-03-20	18,323	183,230	1,832,300	2.276 %	44	10	1.3202229735	32.0 %	2.50	75	30	2020-04-19	59.5 %	1.34 %	-23	2020-02-26	3	2020-03-22	5	2020-03-25	
France	65,100,000	2020-03-10	323	2020-03-20	12,475	124,750	1,247,500	2.530 %	40	10	1.2443118967	24.4 %	3.17	95	38	2020-04-26	60.0 %	1.05 %	-29	2020-02-19	3	2020-03-23	6	2020-03-26	
UK	62,200,000	2020-03-10	9,172	2020-03-20	47,021	470,210	4,702,100	7.560 %	13	10	1.2855849464	28.6 %	2.76	82	39	2020-04-27	53.2 %	1.21 %	-20	2020-02-29	8	2020-03-28	11	2020-03-30	
Italy	329,300,000	2020-03-10	472	2020-03-20	15,219	152,190	1,521,900	0.462 %	216	10	1.1775592858	17.8 %	4.24	127	44	2020-05-02	65.3 %	0.79 %	-46	2020-02-02	-2	2020-03-17	1	2020-03-21	
U.S.	35,900,000	2020-03-10	77	2020-03-20	846	8,460	84,600	0.236 %	424	10	1.2708314786	27.1 %	2.89	86	44	2020-05-03	48.6 %	1.16 %	-17	2020-03-03	13	2020-04-01	15	2020-04-04	
Canada	142,100,000	2020-03-10	7	2020-03-20	253	2,530	25,300	0.018 %	5,617	10	1.4315359145	43.2 %	1.93	58	37	2020-04-25	36.1 %	1.73 %	-4	2020-03-15	16	2020-04-04	18	2020-04-06	
Russia	1,400,000,000	2020-03-10	80,924	2020-03-20	81,416	814,160	8,141,600	0.582 %	172	10	1.0006063209	0.1 %	1143.55	34189	16,089	2020-04-07	52.9 %	0.00 %	-8,183	1997-10-24	3,571	2020-03-28	4,610	2020-11-01	
China	126,200,000	2020-03-10	514	2020-03-20	996	9,960	99,600	0.079 %	1,267	10	1.0683895265	6.8 %	10.48	313	178	2020-09-13	43.3 %	0.32 %	-45	2020-02-04	63	2020-05-21	72	2020-05-31	
Japan	126,200,000	2020-03-10	7,513	2020-03-20	8,799	87,990	879,900	1.712 %	58	10	1.0159258077	1.6 %	43.87	1312	549	2021-09-19	58.1 %	0.08 %	-382	2019-03-03	69	2020-05-27	109	2020-07-06	
South Korea	51,400,000	2020-03-10	44	2020-03-20	195	1,950	19,500	0.002 %	66,667	10	1.1605348686	16.1 %	4.66	139	106	2020-07-03	24.2 %	0.72 %	7	2020-03-26	55	2020-05-13	59	2020-05-17	
India	1,300,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19	
Test (growth)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09	

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 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

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Coronavirus Pandemic Exponential Growth (Markers)

Country	Population	Period Begin	Cases	Period End	Cases	Real Cases (Min)	Real Cases (Max)	Share of Total Population	Occurence	Days	Daily factor	Daily growth	Doubling period	Days left until whole population infected	Days left until whole population infected	Projected day when full population infected	Current timeline (as of period end)	Daily progress	Days left until city lockdown (like in China)	Projected day for city lockdown (like in China)	Days left until hospital overload (like in Italy)	Projected day for hospital overload (like in Italy)	Days left until production shutdown (like in Italy)	Projected day for production shutdown (like in Italy)
Explanation			Diagnosed cases only		Diagnosed cases only	Best case scenario (minimum)	Worst case scenario (maximum)	Worst case scenario (maximum)	Every ...th person infected - Worst case scenario (maximum)		Factor by which number of cases grow every day (average)	Percent by which number of cases grow every day (average)	Number of days in which cases double	Starting from one infected person in a billion (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	(Using a logarithmic scale)	(Using a logarithmic scale)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)	Starting from period end (projection)	Based on period end and daily progress (projection)
Variable	p	b	c1	e	c2	m1	m2	s	o	d	f	g	t	l	r	a	t	s	r1	a1	r2	a2	r3	a3
Formula						$m1 = c2 * 10$	$m2 = c2 * 100$	$s = m2 / p$	$o = 1/s$	$d = e - b$	$f = (c2/c1) ^ (1/d)$	$g = f - 1$	$t = \log_2$	$l = \log_2 10^9$	$r = \log_2 p/c2$	$a = e + r$	$t = 1 - (r/l)$	$s = 1 / a$	$r1 = (29.0\%-l)/s$	$a1 = e + r1$	$r2 = (63.4\%-l)/s$	$a2 = e + r2$	$r3 = (66.4\%-l)/s$	$a3 = e + r3$
city lockdown in China	1,400,000,000	2020-01-20	278	2020-01-23	571	5,710	57,100	0.004 %	24,518	3	1.2711508849	27.1 %	2.89	86	61	2020-03-24	29.0 %	1.16 %	0	2020-01-23	30	2020-02-21	32	2020-02-24
hospital overload in Italy	62,200,000	2020-03-11	10,149	2020-03-18	31,506	315,060	3,150,600	5.065 %	20	7	1.1756591571	17.6 %	4.28	128	47	2020-05-03	63.4 %	0.78 %	-44	2020-02-02	0	2020-03-18	4	2020-03-21
production shutdown in Italy	62,200,000	2020-03-16	24,747	2020-03-23	59,138	591,380	5,913,800	9.508 %	11	7	1.1325285357	13.3 %	5.57	167	56	2020-05-17	66.4 %	0.60 %	-62	2020-01-20	-5	2020-03-17	0	2020-03-23
Test (growth)	1,000,000,000	2020-03-19	1	2020-03-20	1,000,000,000	10,000,000,000	100,000,000,000	10,000,000 %	0	1	1.000E+09	1.000E+09	0.03	1	0	2020-03-20	100.0 %	100.00 %	-1	2020-03-19	-0	2020-03-19	-0	2020-03-19
Test (constant)	1,000,000,000	2020-03-19	1,000	2020-03-20	1,000	10,000	100,000	0.010 %	10,000	1	1.0000000000	0.0 %	(infinite)	(infinite)	(infinite)	(infinite)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)	(not available)
Test (decay)	1,000,000,000	2020-03-19	1,000	2020-03-20	500	5,000	50,000	0.005 %	20,000	1	0.5000000000	-50.0 %	-1.00	-30	-21	2020-02-28	30.0 %	-3.34 %	0	2020-03-20	-10	2020-03-10	-11	2020-03-09

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 Daily growth: < 5.07... % (= 2^(1/14)-1) green, ≥ 5.07... % (= 2^(1/14)-1) orange, ≥ 6.07... % (= 2^(1/14)+0.01-1) red
 Days left until ...: ≥ 360 days (= 1 year) orange, < 360 days (= 1 year) red

Click blue, underlined text to view sources.
 Production shutdown in Italy happened on March 22 (Sunday), data for March 23 available only.

