

Coronavirus affects e-commerce globally

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Abstract

The Coronavirus dramatically changed the global behaviour. These changes contributing to the high unintended and secondary budgets that considered for this pandemic. In this paper we examine the role ecommerce plying globally in coronavirus crisis as well as how upcoming growth in online shopping might affect shopper behavior in future. We examine that online shopping grew due to coronavirus inside countries due to increasing infection of virus. Online shopping for consumers is an alternative source and considered best in this situation, and online retailers provide products that normally consumers purchased in superstore traditionally. Meanwhile, we want to comprehend their efficiency to stability both cost and benefits as well related events in coming upcoming.

Keyword: coronavirus, e-commerce

Introduction

Coronavirus are collection of viruses that source slight illness and certain kind of virus can contaminate the lower airway, and initiating stern illness such as, pneumonia, bronchitis. Mostly, people diseased with coronaviruses, survives and the bulk of these people contagions are serious

and inoffensive. Coronaviruses have „[extremely big single-stranded RNA genomes](#)” – about 26,000 to 32,000 RNA “letters” in size. Coronavirus specks are encircled by a greasy external coating entitled an covering and generally appear circular, that can see under microscope, through [“corona” of club-shaped spikes](#)” their outward.

On 12 December identified first case of coronavirus. On 29 December 2019 in Wuhan City in a hospital, noticed that the number of people of pneumonia by deceptive association to a shop that retails fresh lives fish and animals to people. It was reported by World Health Organization (WHO) (WHO, 2019b). The causative bacterium had been recognized within 4 weeks as a novel coronavirus by 26 January 2020. This virus/germ had been categorization and issued, converse transcript polymerase shackle antiphon checks had been established, WHO research department activated design to quicken diagnostics, therapeutics and develop vaccine was prepared for early laboratory testing. Furthermore, within 10 days in China’s city Chinese authorities build 1000 bed in hospital. In addition, 10 January to 26 January 50 million public of Wuhan and its surrounding cities had effected while WHO had examined the event not declared yet as a “Public Health Emergency of International Concern” (PHEIC). Meanwhile, at that time there was no specific restrictions for travel. The WHO initiated the exist and entering at airports screening from countries to showing the novel coronavirus transmission.

The coronavirus affects almost 178 countries and their economies, trading and sales. It is a big challenge for whole world. It also affects online business and significant increase in specific product.

Epidemiology summary

According to WHO report January 2020 available WHO (2019a) total number of people that confirmed was 2798 globally and 2761 from china, including Macau (5), Taipei (4) and Hong Kong (8 cases), in 11 countries outside china like Europe , Australia, and America. 37 exported plus 36 cases had travel from china. Furthermore 461 were reported brutally ill and 80 expiries to date.

coronavirus COVID-19 is distressing **178 countries** in the world, Total coronavirus cases are 242, 209, deaths are 9992 and 86714 recovered as shown in Table 1. In appendix (worldometer, 3 April 2020). According to latest report worldometer (3 April 2020) 204 countries are affected with coronavirus. USA is top then Italy, Spain, Germany, China, France, Iran, UK, Switzerland, Turkey, Belgium, Netherland, Canada, Austria, S.Korea, Portugal, Brazil, Israel, Sweden, Australia, Norway, Czechia, Ireland, Russia, Chile, Denmark, Ecuador, Malaysia, Poland, Romania, Philippine, Japan, India, Luxembourg, Pakistan, Thailand, Saudia Arbia, Indonesia are as follow and total cases are 1,016,253 and total deaths 53,235, total recovered 213,071, all over the world other details mentioned in table 2 in Appendix. Globally overview mentioned in Fig. 1

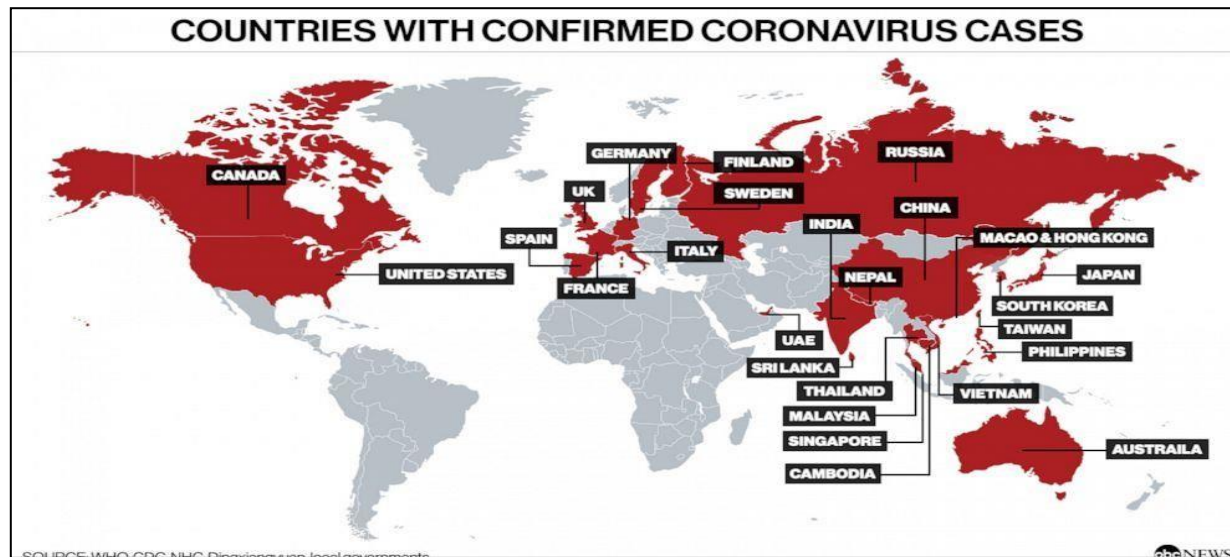


Fig 1.

(abc, 2020)

Virology

Coronavirus family is categorized in four genres such as alpha, beta, gamma, and delta virus. There are seven kinds of coronavirus in human. Coronavirus 229E (HCoV-229E) it was first (alpha coronavirus) coronavirus in human and linked with cold symptoms in youngsters, children and adults (Vassilara, Spyridaki, Pothitos, Deliveliotou, & Papadopoulos, 2018). Second HCoV-NL63 (alpha coronavirus) is also type of human coronavirus that recognized in Netherlands in 2004 late and in 7-month old child with bronchiolitis. Third OC43 (beta coronavirus) is also related with human with cold cases. Forth HKU1 (beta coronavirus) it also infect human usually caused by respirational system like others coronaviruses. The fifth MERS-CoV „the beta coronavirus that bases Middle East Respiratory Syndrome, or MERS)“ appeared in Saudi Arabia in 2012, with related symptoms to previous viruses. This virus was mainly limited to middle east. Sixth SARS-CoV „the beta coronavirus that origins stark acute respiratory syndrome, or SARS“ appeared in 2002 -2003 in Guangdong, China as an infrequent pneumonia, and

developed into natural life- menacing respiratory fiasco in certain cases. That time this virus spread rapidly across 29 countries in the world and more than 8000 peopled infected and 800 killed with virus. Furthermore, at the present time seventh kind of virus SARS-CoV-2 ,,“the novel coronavirus that causes coronavirus disease 2019, or COVID-19” in identified in human in 2019 in China CDC (15 Februry, 2020) caused 80,000 infected people in china and 40,561 died. Other 178 countries also affected with this virus as shown in fig.2

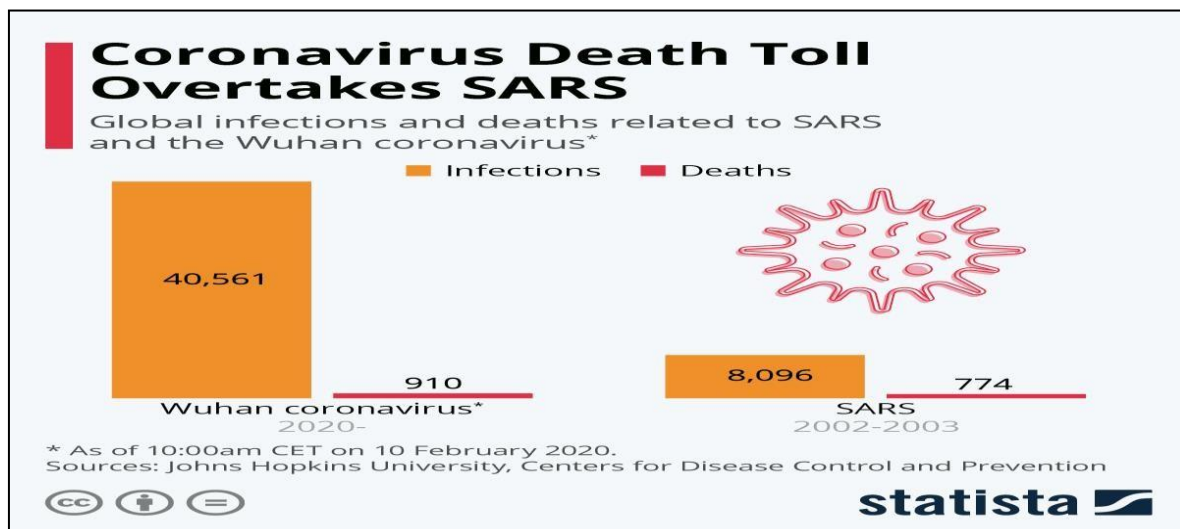


Fig. 2

Pandemic History

According to world media report NEWS (23 March, 2020), in the world in 100 ages, the world is distressed by any virus disease. Some last pandemics like in 1720-year plague, in 1820-year cholera outbreak, in 1920-year Spanish flu and most recent 2020-year Coronavirus in China. Meanwhile, the accuracy and exactness of these pandemics 100- years force us to think about

this matter that are these pandemics exaggeratedly created by any organization“ malevolent or naturally?

In 1720 there was virus of bubonic plague, it was happening from Marseille (France) and almost 100,000 deaths caused by this pandemic. In 1820 there was cholera pandemic and it was first pandemic in Asia and Thailand, Philippines, and Indonesia were affected. This pandemic also killed same percentage of people like plague that was 100,000 and 100,000 deaths recorded. This pandemic caused by killer bacterium in lakes water that infected people.

In 1920 the record unrelenting pandemic happened affected by Spanish flu and killed 100 million (half billion) people. However, Spanish flu pandemic recorded deadliest pandemic in history. Now this time in 2020 again at the 100th year at centennial of Spanish flu, human is facing a new impending pandemic that is entitled coronavirus. Now Chinese resultants to give any official statement and try for calm rapidly the deteriorated situation (NEWS, 23 March, 2020). The history of pandemics shown in fig. 3



Fig.3

Source: Google

The Economic Impact of Coronavirus

The effect of disaster can be measured directly or incidentally and secondary social costs and economic (Prevention, 2004). Furthermore, direct costs are linked with physical loss of catalogues social and economic infrastructure. Indirect costs are associated with “downstream disruption of goods and services flow” while secondary costs are the impact of short and long term disasters that effect overall economy and social condition (Prevention, 2004). In case of CORONAVIRUS, it effects the costs and whole economic structure particular service industries.it effect direct and indirect and secondary effect as results from the consumer behaviour, loss of consumer confidence, reduction of import and export and tourism demands, theses cost not effected by coronavirus it is caused by coronavirus’s fear and precautions taken, Coronavirus effects GDP of world (BBC, 20 March, 2020) as shown in fig. 4

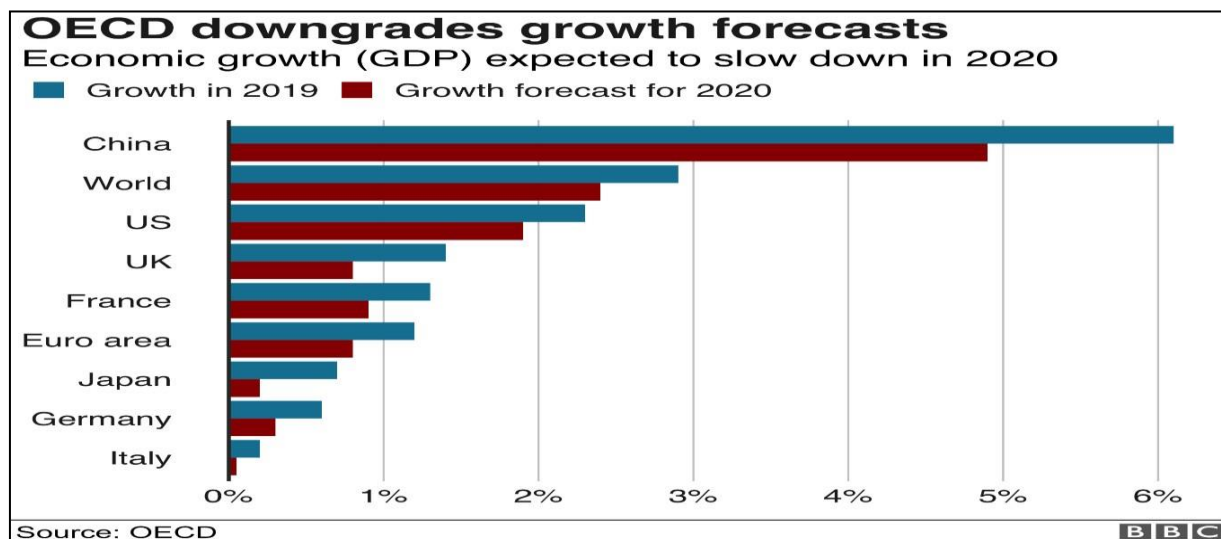


Fig.4

In another report proposed that GDP of 2020 falls estimated about 2.5 to 2.0 % from prior consensus. Moreover, the biggest fall in China’s GDP that is nearly about 6% to 4.7 % and one point drop down in GDP in East Asia, drops 0.5 % for other large economies around world. The

US economy can recover its dropping points by the end of Q1, in case of China does not convalesce in the end to Q2 because of consumers disconfidence (Matt Craven, 2020).

Coronavirus effects on e-commerce

Coronavirus effects not only consumers behaviour, it effects the life style of human. According to Hillier (20 March, 2020) in China 50% of people and in Italy 31% of people using e-commerce more frequently than past. All retail stores decreasing their sales due to social distance measures, and this point is quite interesting in e-commerce case and significant change in it. This virus changes the China's e-commerce structure as shown in Fig. 5

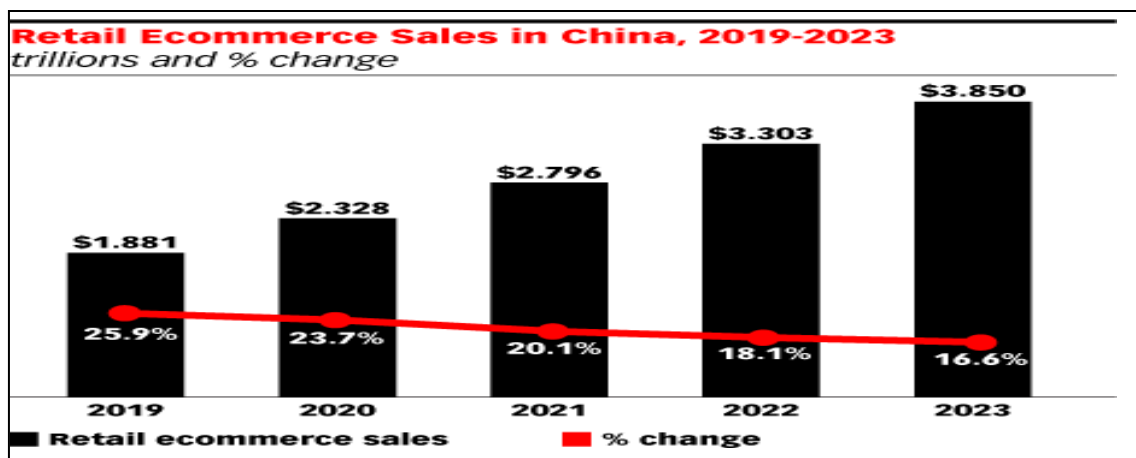


Fig. 5

(Cheung, 2020)

It not only effect China while it effects all over the world some countries such as India 55% of people, Vietnam 57% of people, and Russia 27% of people tuning their shopping to online often to visit shop. Other than these above mentioned countries (WARC, 2020) are as shown in Fig. 6

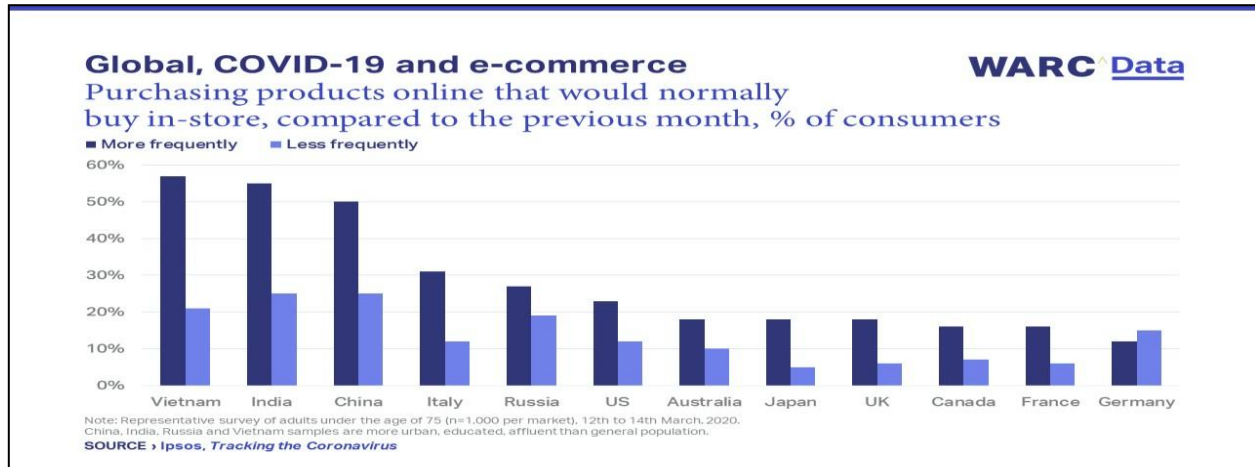


Fig. 6

Furthermore, in big loss in travel industry because of virus, worldwide almost 9.8% flights reservations decrease. 50% to 60% only Chinese international flights canceled that most effect South East Asia and North East Asia. Middle East cancellation of flights is highest over to 92%. Globally restrictions on travel effect the overall online travel (Whiteford, 2020).

Trends of e-commerce 2020

The first item was buy a book online in 1995 by amazon. 20 years later, e-commerce business has made over 2 trillion USD in worldwide sales. E-commerce has modernized retail. Furthermore, modern customer feels easy with online shopping with e-commerce. Its capabilities were limited, when it was started. It is enhanced, customized, improved integration and countless alterations have occupied e-commerce by storm. In 2020 further world transform of e-commerce and becoming more competitive. Coronavirus has change the trends of business and it significant effect on e-commerce. Expected growth in Online sales, mobile shopping raising, voice commerce, and visual commerce (Walker, 2020). The coronavirus effects wide- reaching on e-commerce, medicine, technology, economy and, business travel. The immediate effect of virus

outbreak on health concern globally, boarder inferences are only beginning. Virus anticipated effect on prices of commodities, smartphone sales and production industries as well in China and cross border (Whiteford, 2020). Virus not only effect on consumer's, even coronavirus shutdown all physical stores, business and everything, and employees working remotely from their home, staying home and say no to travel.it effect consumer confidence, tourism, sales, investments and trades, restaurants droplets 41% in tourism earning. Furthermore, consumer demand decreases and unemployment is increases.

Moreover, businesses are now directing no visitors to sites, buildings and works, both determination demand and retain the proverbial machineries running, B2B, B2C, e-Commerce will become a very imperative channel (Walker, 2020). If cannot retain up with e-commerce, risk extremely increases. So, need to observing ahead to confirm future achievement (WARC, 2020).

Discussion

Beginning of a respiratory disease connected to a different coronavirus signifies assessment of the worldwide aptitude towards identify as well as manage emergent disease intimidations. Coronavirus rise in china is another demission of SARS. This outbreak was started before Chinese New Year immediately attendant people with extra risk and determination response. In outbreak the rapidly information sharing and response coordination within country and internationally recommend that SARS thought lesson and it improve the global capacity. In early stage of outbreak, there was incomplete information, scientific and epidemiological queries not answered up till now. But the discrepancy appears to remain owed further to the constrictions considering emergent disease than some unwillingness to involve, share data by means of partners. Furthermore, further expansion is necessary. The less obligation of doubts now defining eloquent situation fatalness percentage then the consequence of ascertainment starts of an

occurrence, beside through the antagonistic case verdict on case quantities. Perfect public risk statement is acute to success. After the event media community is helpful to explore. Information from different sources such as media or social media are vital dimension to tracking globally event and it considered important part of epidemic intelligence system (Backer, Klinkenberg, & Wallinga, 2020). But the less understanding about, whatever a PHEIC report is destined to attain augments just before the Emergency Committee's problems, as fixes the virtual scarcity, quantifiable also epidemiological responses on this phase of exploration. Emergency Committee remained separated in upcoming decisions but then again decided on stability that present situation, though disaster, should not as yet be stated a PHEIC (Geneva, 2020).

The WHO is trying to improve the system in which Emergency Committees progress their instruction for the General Director. The key PHEIC „s role assertion is the entryway the WHO Impermanent Commendations on probable transport plus trade boundaries to frontier universal feast of disease. Hence, globally countries already applied entrance screening on airports. Meanwhile, China restricted internationally traveling commencing Wuhan earlier and Emergency Committee ended considerations. Response rate change dramatically with the time to time in outbreak (McCloskey & Heymann, 2020). There are millions of people are restricting to go to discontinuity the diffusion of illness is record. Even we don't confirm that people found virus or not. Indeed, we don't know if they are actual effective, how we will control them. Coronavirus is a crisis in which the infrastructure of business and normal behavior of societies is severely condensed for an elongated period. This situation effects in the direct as well as the indirect costs and secondary influence that lack of consumer confidence and variations in consumer behavior.

In this situation we e-commerce play a vital role in enabling people to maintain resemblance of normalcy in crisis. Normalcy could decrease indirect costs besides secondary influence in numerous ways. Firstly, it can bring the stability and diminish stress level in country and all over the world. Secondly, the active provision of individual reliefs to citizenry of any country through online shopping may help self-quarantine that can diminish the infection of virus, prolonged period of crisis and costly emergent resources. Online shopping answered to consumer request during pandemic. The rising demand of online shopping is because of stores are close, everything is lockdown. E-commerce gives an alternative way of buying products and services during Coronavirus pandemic. Consumers are allowed to decide that when and how they can respond the information. In other words, e-commerce increases the empowerment of individuals during pandemics. Thirdly, e-commerce playing supporting role and consumer access products. It also distributes products that may help to control movement and reduce virus infection (WARC, 2020).

Meanwhile, the risk assessment can be altered and distinguished as evidence on the unknowns evolves. Though, is sureness that pronouncements will not remain slated grounded on information that remained not accessible at the phase. It is significant towards stay prepared to modification judgments after the accessible data changes, somewhat that individually experts, politician's legislators can treasure difficult. Hence, China must not be arbitrated for executing what influence seem to risky processes nonetheless China must also remain organized to cease the processes rapidly even though, indication recommends there is no greatest means toward resolve the problematic. By departing airports, intercontinental extent commencing Wuhan might be reduced, nonetheless achievement will be contingent on how active the processes actually are

at discontinuing individuals move outside from specific zone and people behaviour. As continuously, “only time will tell – but time is scarce”.

Conclusion

In this paper, we have review and consider critically China’s Coronavirus outbreak. We are mainly interested in how coronavirus spread and how it effects the economy of not only china rather it effects globally. Great awareness about this topic can indorse better information in people and consideration to how e-commerce, business, and economies of countries effected by coronavirus. More interdisciplinary research is also required that observe the antecedents and significances of discrimination relative to e-commerce marketing and online buyer behaviour during pandemic crises, and how e-commerce provides alternative way to people to meet their demands. Several pandemics discussed, hopefully it will encourage other researchers to investigate more deeply in this area such as coronavirus pandemic and previous pandemic effects on world and how they change the human life and global economy.

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Appendix

Table. 1

Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical
China	80,928	34	3,245	8	70,420	7,263	2,274
Italy	41,035	5,322	3,405	427	4,440	33,190	2,498
Iran	18,407	1,046	1,284	149	5,979	11,144	
Spain	17,963	3,194	830	192	1,107	16,026	800
Germany	15,320	2,993	44	16	115	15,161	2
USA	11,780	2,521	176	26	108	11,496	64
France	10,995	1,861	372	108	602	10,021	931
S. Korea	8,565	152	91	7	1,947	6,527	59
Switzerland	4,131	1,016	41	8	15	4,075	
UK	3,269	643	144	40	65	3,060	20
Netherlands	2,460	409	76	18	2	2,382	45
Austria	2,179	533	6	2	9	2,164	13
Belgium	1,795	309	21	7	165	1,609	130
Norway	1,790	199	7	1	1	1,782	27
Sweden	1,439	138	11	1	16	1,412	21
Denmark	1,151	94	6	2	1	1,144	30
Japan	923	9	32	3	191	700	46
Malaysia	900	110	2		75	823	15
Canada	801	74	10	1	11	780	1
Portugal	785	143	4	2	4	777	20
<i>Diamond Princess</i>	712		7		527	178	14
Australia	709	113	6		46	657	1
Czechia	694	172			3	691	6
Israel	677	244			14	663	6
Brazil	621	92	7	3	2	612	18
Ireland	557	191	3	1	5	549	6
Greece	464	46	6	1	19	439	16
Qatar	460	8			10	450	6
Pakistan	454	147	2		13	439	
Finland	400	41			10	390	2
Poland	355	68	5		13	337	3
Singapore	345	32			124	221	14
Chile	342	104				342	6
Luxembourg	335	132	4	2	6	325	1
Iceland	330	80			5	325	1
Slovenia	319	33	1			318	6
Indonesia	308	81	25	6	15	268	
Bahrain	278	22	1		110	167	4
Romania	277	17			25	252	5
Saudi Arabia	274	36			8	266	
Thailand	272	60	1		42	229	1
Estonia	267	9			1	266	1
Egypt	256	46	7	1	42	207	
Peru	234	89			1	233	7
Philippines	217	15	17		8	192	1
Hong Kong	208	15	4		98	106	4
Ecuador	199	31	3		1	195	2
Russia	199	52	1	1	8	190	
India	194	25	4	1	20	170	
Iraq	192	28	13	1	49	130	
Turkey	192	1	4	2		188	
Lebanon	157	24	4		4	149	3
South Africa	150	34				150	
Kuwait	148	6			18	130	5
San Marino	140		14		4	122	11
UAE	140	27			31	109	2
Slovakia	124	19				124	2
Armenia	122	12			1	121	2
Mexico	118	25	1	1	4	113	1
Croatia	110	21	1	1	5	104	
Panama	109		1			108	7
Taiwan	108	8	1		26	81	
Colombia	108	15			1	107	
Bulgaria	107	15	3	1		104	

Serbia	103	14			1	102	4
Argentina	97		3	1	3	91	
Algeria	90	15	9	2	32	49	
Costa Rica	87	18	1			86	2
Latvia	86	15			1	85	
Vietnam	85	9			16	69	
Uruguay	79					79	
Andorra	74	21			1	73	
Hungary	73	15	1		2	70	4
Brunei	73	5				73	2
Faeroe Islands	72	14			1	71	
Jordan	69	13			1	68	
Cyprus	67	9				67	1
Albania	64	5	2			62	2
Bosnia and Herzegovina	64	25			2	62	
Morocco	63	9	2		2	59	1
Sri Lanka	60	9			3	57	
Malta	53	5			2	51	
Belarus	51				5	46	
North Macedonia	50	7			1	49	1
Moldova	49	13	1		1	47	3
Oman	48	9			13	35	
Palestine	47	3				47	
Kazakhstan	44	8	3	3		41	
Azerbaijan	44	10	1		7	36	
Venezuela	42	6				42	
Lithuania	41	7			1	40	1
Georgia	40	2			1	39	1
Tunisia	39	10	1	1	1	37	2
Cambodia	37				1	36	
Senegal	36				2	34	
Dominican Republic	34		2			32	
Burkina Faso	33	6	1			32	
Guadeloupe	33					33	
New Zealand	28	8				28	
Liechtenstein	28					28	
Réunion	28	14				28	
Martinique	23		1			22	
Uzbekistan	23	5				23	
Afghanistan	22				1	21	
Ukraine	21	5	3	1		18	
Bangladesh	18	4	1		3	14	
Macao	17				10	7	
Jamaica	15		1		2	12	
Bolivia	15	3				15	
French Guiana	15					15	
DRC	14	7				14	
Cameroon	13					13	
Maldives	13					13	
Nigeria	12	4			1	11	
Guam	12	4				12	
Honduras	12	3				12	
Cuba	11	1	1			10	
Channel Islands	11	4				11	
Ghana	11	4				11	
Paraguay	11					11	1
Rwanda	11					11	
Monaco	10	1				10	
Gibraltar	10	2			2	8	
Montenegro	10	2				10	
Guatemala	9	1	1			8	
Ivory Coast	9				1	8	
Trinidad and Tobago	9	2				9	
Ethiopia	7	1				7	
Kenya	7					7	
Mauritius	7	4				7	

Equatorial Guinea	6	2				6	
French Polynesia	6	1				6	
Mongolia	6					6	
Puerto Rico	6					6	
Seychelles	6					6	
Tanzania	6	3				6	
Guyana	5	1	1			4	
Aruba	5	1			1	4	
Barbados	5	3				5	
Cayman Islands	3	2	1			2	
Curacao	3		1	1		2	
Bahamas	3	2				3	
Congo	3	2				3	
Gabon	3					3	
Kyrgyzstan	3					3	
Mayotte	3					3	
Namibia	3	1				3	
St. Barth	3					3	
Saint Martin	3					3	
U.S. Virgin Islands	3	1				3	
Sudan	2		1			1	
Benin	2					2	
Bermuda	2					2	
Greenland	2					2	
Liberia	2					2	
Mauritania	2					2	
New Caledonia	2					2	
Saint Lucia	2					2	
Zambia	2					2	
Nepal	1				1	0	
Antigua and Barbuda	1					1	
Bhutan	1					1	
CAR	1					1	
Chad	1	1				1	
Djibouti	1					1	
El Salvador	1	1				1	
Fiji	1	1				1	
Gambia	1					1	
Guinea	1					1	
Vatican City	1					1	
Montserrat	1					1	
Nicaragua	1	1				1	
Niger	1	1				1	
St. Vincent Grenadines	1					1	
Sint Maarten	1					1	
Somalia	1					1	
Suriname	1					1	
Eswatini	1					1	
Togo	1					1	
Total:	242,209	23,421	9,992	1,049	86,714	145,503	7,185

Table2.

Countries	Total cases	Total deaths	Total recovered	Countries	Total cases	Total deaths	Total recovered
USA	245,373	6,095	10,403	Kazakhstan	448	3	28
Italy	115,242	13,915	18,278	Andorra	428	15	10
Spain	112,065	10,348	26,743	Slovakia	426	1	5
Germany	84,794	1,107	22,440	Azerbaijan	400	5	26
China	81,620	3,322	76,571	Costa Rica	396	2	6
France	59,105	5,387	12,428	North Macedonia	384	11	17
Iran	50,468	3,160	16,711	Uruguay	369	4	68
UK	33,718	2,921	135	Cyprus	356	10	28
Switzerland	18,827	536	4,013	Taiwan	348	5	50
Turkey	18,135	356	415	Kuwait	342		81
Belgium	15,348	1,011	2,495	Réunion	308		40
Netherlands	14,697	1,339	250	Cameroon	306	7	10
Canada	11,283	173	1,979	Belarus	304	4	53
Austria	11,199	158	1,749	Jordan	299	5	45
S. Korea	10,062	174	6,021	Burkina Faso	288	16	50
Portugal	9,034	209	68	Albania	277	16	76
Brazil	8,066	327	127	Afghanistan	273	6	10
Israel	6,857	36	338	San Marino	245	30	21
Sweden	5,568	308	103	Cuba	233	6	13
Australia	5,350	28	585	Vietnam	233		85
Norway	5,218	50	32	Oman	231	1	57
Czechia	3,869	46	71	Honduras	222	15	3
Ireland	3,849	98	5	Uzbekistan	221	2	25
Russia	3,548	30	235	Ghana	204	5	31
Chile	3,404	18	335	Malta	196		2
Denmark	3,386	123	1,089	Senegal	195	1	55
Ecuador	3,163	120	65	Ivory Coast	194	1	15
Malaysia	3,116	50	767	Channel Islands	193	3	
Poland	2,946	57	56	Nigeria	184	2	20
Romania	2,738	116	267	Faeroe Islands	179		91
Philippines	2,633	107	51	Mauritius	169	7	
Japan	2,617	63	472	Palestine	161	1	18
India	2,567	72	192	Montenegro	160	2	
Luxembourg	2,487	30	80	Sri Lanka	151	4	22
Pakistan	2,450	35	126	Georgia	148		27
Thailand	1,978	19	581	Venezuela	146	5	43
Saudi Arabia	1,885	21	328	Martinique	138	3	27
Indonesia	1,790	170	112	DRC	134	13	3
Finland	1,615	19	300	Brunei	133	1	56
Greece	1,544	53	61	Bolivia	132	9	1
Mexico	1,510	50	633	Kyrgyzstan	130	1	5
Panama	1,475	37	9	Guadeloupe	128	6	24
South Africa	1,462	5	95	Mayotte	116	1	10
Peru	1,414	55	537	Cambodia	114		35
Dominican Republic	1,380	60	16	Kenya	110	3	4
Iceland	1,319	4	284	Niger	98	5	
Argentina	1,265	37	256	Trinidad and Tobago	97	6	1
Serbia	1,171	31	42	Isle of Man	95	1	
Colombia	1,161	19	55	Paraguay	92	3	4
Singapore	1,049	5	266	Gibraltar	88		46
UAE	1,024	8	96	Rwanda	84		
Croatia	1,011	7	88	Liechtenstein	75		
Algeria	986	86	61	Bangladesh	61	6	26
Qatar	949	3	72	Monaco	60	1	2
Ukraine	942	23	19	Aruba	60		1
Slovenia	897	17	70	Madagascar	59		
New Zealand	868	1	103	Guinea	52		
Egypt	865	58	201	French Guiana	51		15

Estonia	858	11	45	Jamaica	47	3	2
Hong Kong	802	4	154	Guatemala	47	1	12
Iraq	772	54	202	El Salvador	46	2	
Armenia	736	7	43	Barbados	46		
<i>Diamond Princess</i>	712	11	619	Uganda	45		
Morocco	708	44	31	Macao	41		10
Lithuania	696	9	7	Djibouti	40		
Bahrain	643	4	381	Togo	39	2	17
Hungary	623	26	43	Zambia	39	1	
Bosnia and Herzegovina	543	16	20	French Polynesia	37		
Moldova	505	6	23	Mali	36	3	
Lebanon	494	16	46	Bermuda	35		11
Latvia	493		31	Ethiopia	29		3
Bulgaria	477	12	30	Cayman Islands	28	1	
Tunisia	455	14	5	Bahamas	24	1	1
Eritrea	22			Saint Kitts and Nevis	9		
Gabon	21	1	1	Eswatini	9		
Myanmar	20	1		Angola	8	2	1
Tanzania	20	1	2	Sudan	8	2	2
Guyana	19	4		CAR	8		
Maldives	19		13	Chad	8		
Sint Maarten	18	1	6	Fiji	7		
Haiti	18		1	Vatican City	7		
New Caledonia	18		1	Cabo Verde	6	1	
Syria	16	2		Mauritania	6	1	2
Equatorial Guinea	15		1	Nepal	6		1
Mongolia	14		2	Liberia	6		
Namibia	14		3	St. Barth	6		1
Benin	13		1	Nicaragua	5	1	
Saint Lucia	13		1	Bhutan	5		2
Dominica	12			Montserrat	5		
Curacao	11	1	3	Somalia	5		1
Libya	11	1		Turks and Caicos	5		
Greenland	10		2	Botswana	4	1	
Grenada	10			Gambia	4	1	2
Laos	10			Anguilla	3		
Mozambique	10			Belize	3		
Seychelles	10			British Virgin Islands	3		
Suriname	10			Burundi	3		
<i>MS Zaandam</i>	9	2		Malawi	3		
Zimbabwe	9	1		Caribbean Netherlands	2		
Antigua and Barbuda	9			St. Vincent Grenadines	2		1
Guinea-Bissau	9			Sierra Leone	2		
					1,016,766	53,242	213,161