

Risk Assessment for International Dissemination of COVID-19 to the ASEAN Region

As of March 6, 2020 (2:00 PM GMT+8)



COVID-19: Highlights and Situation Overview

- In anticipation for an increase in the number of COVID-19 cases, the SouthEast Asia Region is preparing to roll out rapid response activities by engaging with communities, procuring personal protective equipment (PPE), and ensuring laboratories have the capacity to test for COVID-19 or ship samples to global referral laboratories.
- The WHO Director-General emphasized the importance of implementing a comprehensive approach to mitigate the impact of COVID-19. Educating the population, expanding surveillance, caring for patients, and strengthening preparedness systems are key to interrupting transmission.
- **New country with COVID-19 case/s**
 - **SOUTH AFRICA (1 case)**
 - On March 5, the first COVID-19 has been confirmed in South Africa. The affected individual is a 38-year-old-man who travelled to Italy, where there is currently a COVID-19 outbreak, and arrived in South Africa on March 1. In addition, the report indicates that the affected individual arrived in the country with his wife and ten other companions. Health authorities have begun contact tracing.
 - **BOSNIA AND HERZEGOVINA**
 - On March 5, health authorities have confirmed the first two cases of COVID-19 in Bosnia and Herzegovina. The affected individuals are a middle-aged man who recently visited Italy and his child. Both are in stable condition and have been placed in isolation at a local hospital in the city of Banja Luka, northern Bosnia and Herzegovina. Authorities have begun contact tracing and close contacts have been placed under quarantine, including the wife and other children at the school the confirmed case attends. The school has also been closed in an effort to contain further spread.
 - **PALESTINIAN TERRITORY**
 - On March 5, health authorities have confirmed the first four cases of COVID-19 in Palestinian Territories. There are limited details available. All affected individuals are employees at the West Bank hotel, in Bethlehem. The report also indicates that there were South Korean tourists at the hotel in late February and more recently Greek tourists who were later diagnosed with COVID-19. The Palestinian Authority (PA) has declared a state of emergency on March 5 in the areas of Bethlehem, Jericho, and the Jordan Valley. In addition,

The PA health ministry has ordered the closure of the West Bank hotel for at least two weeks, and all staff members have been placed under quarantine.

- **SLOVENIA (1 case)**
 - On March 4, health authorities have confirmed the first COVID-19 case in Slovenia. The affected individual arrived in Slovenia from Morocco via Italy. The individual has been placed under isolation at a local hospital in Ljubljana, the capital city of Slovenia.
- **HUNGARY (2 cases)**
 - On March 4, health authorities have confirmed the first two cases of COVID-19 in Hungary. There are limited details available but a media report indicates that both individuals are Iranian students who have been placed under isolation at a local hospital in Budapest. Details will be updated as they become available.
- **POLAND (1 case)**
 - On March 4, health authorities have confirmed the first case of COVID-19 in Poland. The affected individual is a returning traveller from Germany. The individual is in stable condition and has been placed in isolation at a local hospital in Zielona Gora, the largest city in Lubusz, western Poland.
- **SAINT MARTIN (2 cases)**
 - The first cases of COVID-19 have been confirmed in Saint Martin (French territory) on March 1. According to media sources, the cases are two individuals who recently arrived from France to St. Barthelemy and were transferred to a health facility for isolation on St. Martin. The son of these two cases was also confirmed to have the disease in Saint Barthelemy where he remains in self-isolation at home.
- **Increasing Cluster Cases in South Korea**
 - As of March 5, **145** new cases of COVID-19 were reported in South Korea bringing the total number to **5,766** in the country
 - 42 deaths were reported (case fatality ratio of 0.72% based on reported deaths and reported case counts)
 - The majority of the cases are concentrated in the following locations: the southern city of Daegu with 4,327 cases, its neighboring region in North Gyeongsang with 861 cases, the city of Busan with 92 cases, Game with 110 and Seoul with 103 cases. There have been cases confirmed in travellers from South Korea in Thailand, Australia and the United States.
- **Increasing Cluster Cases in Italy**
 - As of March 5, **769** additional cases of COVID-19 were reported in Italy, bringing the total number to **3,858** in the country.

- 148 deaths were reported (case fatality ratio of 3.84% based on reported deaths and reported case counts)
 - Most cases continue to be distributed in northern border regions of Lombardy, Veneto, Emilia Romagna, and Liguria
 - There have been cases of COVID-19 confirmed in travellers from Italy in a number of countries including Argentina, Algeria, Austria, Brazil, Croatia, Denmark, Dominican Republic, Germany, Iceland, Ireland, Mexico, Morocco, Netherlands, Nigeria, North Macedonia, Romania, Spain, Switzerland, Tunisia, Ukraine, the United Kingdom, and the United States.
- **Increasing cases in Iran**
 - As of March 5, **591** new cases of COVID-19 were reported in Iran, bringing the total number to 3,513.
 - 107 deaths were reported (case fatality ratio of 3.04% based on reported deaths and reported case counts)
There have been cases confirmed in travellers from Iran in a large number of countries including Armenia, Australia, Azerbaijan, Bahrain, Belarus, Canada, Georgia, Iraq, Kuwait, Lebanon, New Zealand, Norway, Oman, Qatar, Saudi Arabia, Sweden, Thailand, United Arab Emirates, the United Kingdom, and the United States.
- **Travel Restrictions**
 - **Malaysia** on Wednesday (Mar 4) suspended the use of all autogate and e-gate systems at all entry points as a measure to address the spread of COVID-19. Immigration director-general Khairul Dzaimie Daud confirmed the suspension but added that it would not affect tourist arrivals.
 - On March 4, **Sarawak Government in Malaysia** is now banning foreign travellers coming from Italy and Iran. The state disaster management committee said all foreigners who visited China, South Korea, Italy and Iran in the past 14 days will be refused entry. Likewise, Malaysians who had been to these countries in the last 14 days were "strongly advised" not to visit Sarawak. Sarawakians, Sarawakian permanent residents, work and student pass holders who visited these countries must undergo compulsory home quarantine for 14 days. In addition, visitors from other countries affected by COVID-19, including Singapore, Indonesia and Japan, must adhere to precautionary guidelines issued by the state Health Department at all entry points into Sarawak.
 - **Thailand** announced territories outside the Kingdom of Thailand defined as Disease Infected Zones of the Coronavirus Disease 2019 (COVID-19). These include Republic of Korea, China (including Macau and Hong Kong), Italian Republic, and Islamic Republic of Iran. Thailand Ministry of Public Health recommended Thai people who arrive from affected areas and develop symptoms including coughing, sneezing, panting or runny nose within 14 days of return

to seek medical care at the hospital immediately and inform the health care provider regarding the history of recent travel to China. In addition, Thailand's National Communicable Diseases Committee announced COVID-19 to be the 14th dangerous disease and it will be shown in the Royal Thai Government Gazette.

Cases and Deaths as of 6 March 2020

- As of March 6 (2PM, GMT+8), worldwide, there were **97,223** confirmed cases, including **3,355** deaths.
- In **China**, there were **80,738** confirmed cases with **3,019** deaths (including deaths in Hong Kong and Taiwan). Confirmed cases in China include confirmed cases in Hong Kong (105), Macau (10), and Taiwan (42)
- **Deaths outside mainland China** were reported in Hong Kong (2), Taiwan (1), the Philippines (1), Thailand (1), Japan (12), , South Korea (42), Australia (2), US (11), France (4), Italy (148), Spain (3), UK (1), Switzerland (1), San Marino (1), Iran (107), Iraq (2)
- **16,485 confirmed cases** of COVID-19 have been reported in **83 countries** (other than China, Hong Kong, Taiwan and Macau):

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST CONFIRMED CASE(S)	CONFIRMED CASES / (LOCALLY ACQUIRED)
ASIA PACIFIC	Thailand	13 Jan 2020	05 Mar 2020	47 ^{2,3} (13)
	Vietnam	23 Jan 2020	13 Feb 2020	16(7)
	Singapore	23 Jan 2020	04 Mar 2020	112 (78)
	Malaysia	25 Jan 2020	03 Mar 2020	50 ³ (27)
	Cambodia	27 Jan 2020	27 Jan 2020	1
	Philippines	30 Jan 2020	05 Mar 2020	5
	Indonesia	02 Mar 2020	02 Mar 2020	2
	Japan	16 Jan 2020	05 Mar 2020	331 (60 ⁴) 706 from quarantined ship
	South Korea	20 Jan 2020	05 Mar 2020	5,766 ⁶
	Nepal	24 Jan 2020	24 Jan 2020	1
	Australia	25 Jan 2020	05 Mar 2020	53 ^{1,2} (6 ⁴)
	Sri Lanka	27 Jan 2020	27 Jan 2020	1
	India	30 Jan 2020	05 Mar 2020	30 ^{2,3} (7)
	Afghanistan	24 Feb 2020	24 Feb 2020	1 ²
	Pakistan	26 Feb 2020	03 Mar 2020	5 ²
New Zealand	28 Feb 2020	04 Mar 2020	3 ^{2,3}	

AMERICAS	USA	21 Jan 2020	05 Mar 2020	162^{1,3} (48⁴)
	Canada	25 Jan 2020	05 Mar 2020	34 ^{2,5} (4)
Brazil	26 Feb 2020	05 Mar 2020	4 ³	
Mexico	28 Feb 2020	03 Mar 2020	6 ³	
Ecuador	01 Mar 2020	05 Mar 2020	10 (9)	
Dominican Republic	01 Mar 2020	01 Mar 2020	1 ³	
Chile	03 Mar 2020	05 Mar 2020	3 ³	
Argentina	03 Mar 2020	03 Mar 2020	1 ³	
EUROPE	France	24 Jan 2020	05 Mar 2020	285 ^{3,5} (13)
	Germany	27 Jan 2020	05 Mar 2020	349 ^{2,3} (146)
	Finland	29 Jan 2020	05 Mar 2020	12 ³ (3)
	Italy	30 Jan 2020	06 Mar 2020	3,858 ⁶
	Russian Federation	31 Jan 2020	02 Mar 2020	6 ^{1,3}
	Spain	31 Jan 2020	05 Mar 2020	259 ^{2,3} (2)
	Sweden	31 Jan 2020	01 Mar 2020	64 ^{2,3} (6)
	United Kingdom of Great Britain	31 Jan 2020	02 Mar 2020	90 ^{1,2,3} (7 ⁴)
	Belgium	05 Feb 2020	05 Mar 2020	50 ³ (1)
	Switzerland	25 Feb 2020	05 Mar 2020	95 ³ (3)
	Austria	25 Feb 2020	05 Mar 2020	37 ³
	Croatia	25 Feb 2020	05 Mar 2020	10 ³ (3)
	Norway	26 Feb 2020	05 Mar 2020	87 ^{2,3} (5)
	Romania	26 Feb 2020	05 Mar 2020	6 ³ (2)
	Estonia	26 Feb 2020	04 Mar 2020	2 ^{2,3}
	Georgia	26 Feb 2020	29 Feb 2020	4 ^{2,3}
	North Macedonia	26 Feb 2020	26 Feb 2020	1 ³
	Greece	26 Feb 2020	05 Mar 2020	31 ^{3,5} (4)
	Denmark	27 Feb 2020	05 Mar 2020	15 ^{2,3} (1)
	San Marino	27 Feb 2020	05 Mar 2020	21
	Lithuania	27 Feb 2020	27 Feb 2020	1 ³
	Netherlands	27 Feb 2020	05 Mar 2020	82 ³ (5 ⁴)
	Azerbaijan	27 Feb 2020	03 Mar 2020	3 ²
	Belarus	28 Feb 2020	04 Mar 2020	6 ^{2,3} (3)
	Iceland	28 Feb 2020	05 Mar 2020	34 ³
	Ireland	28 Feb 2020	05 Mar 2020	6 ³
	Monaco	29 Feb 2020	29 Feb 2020	1
	Czech Republic	01 Mar 2020	05 Mar 2020	8 ³ (3)
Luxembourg	01 Mar 2020	01 Mar 2020	1 ³	
Armenia	01 Mar 2020	01 Mar 2020	1 ²	
Saint Martin	01 Mar 2020	01 Mar 2020	2	
Latvia	02 Mar 2020	02 Mar 2020	1	
Portugal	02 Mar 2020	02 Mar 2020	8 ³ (3)	

	Andorra	02 Mar 2020	02 Mar 2020	1 ³
	Liechtenstein	03 Mar 2020	03 Mar 2020	1 (1)
	Ukraine	03 Mar 2020	03 Mar 2020	1 ³
	Slovenia	04 Mar 2020	04 Mar 2020	1 ³
	Hungary	04 Mar 2020	04 Mar 2020	2 ²
	Poland	04 Mar 2020	04 Mar 2020	1
	Bosnia and Herzegovina	05 Mar 2020	05 Mar 2020	2 ³ (1)
MIDDLE EAST	UAE	29 Jan 2020	05 Mar 2020	28 ² (10)
	Iran	19 Feb 2020	05 Mar 2020	3,513
	Israel	21 Feb 2020	04 Mar 2020	15 ^{1,3} (2)
	Lebanon	21 Feb 2020	05 Mar 2020	15 ² (3)
	Kuwait	24 Feb 2020	05 Mar 2020	58 ²
	Oman	24 Feb 2020	05 Mar 2020	15 ²
	Bahrain	24 Feb 2020	05 Mar 2020	52 ²
	Iraq	24 Feb 2020	05 Mar 2020	35 ²
	Qatar	29 Feb 2020	03 Mar 2020	8 ²
	Tunisia	02 Mar 2020	02 Mar 2020	1 ³
	Saudi Arabia	02 Mar 2020	02 Mar 2020	1 ²
	Jordan	02 Mar 2020	02 Mar 2020	1 ³
	Palestine	05 Mar 2020	05 Mar 2020	4 (4)
AFRICA	Egypt	14 Feb 2020	05 Mar 2020	3
	Algeria	25 Feb 2020	05 Mar 2020	17 ³ (12)
	Nigeria	28 Feb 2020	28 Feb 2020	1 ³
	Morocco	02 Mar 2020	05 Mar 2020	2 ³
	Senegal	02 Mar 2020	05 Mar 2020	4
	South Africa	05 Mar 2020	05 Mar 2020	1
				16,485

¹ **Repatriated from quarantined cruise ship:** Australia (10), USA (45), UK (4), Russia (3), Israel (2), Taiwan (1), HK (5).

² **Travelled from Iran:** Thailand (2), Australia (12), New Zealand (1), Pakistan (3), Afghanistan (1), India (1), Taiwan (1), Canada (15), Estonia (1), Spain (1), UK (4), Norway (1), Germany (7), Armenia (1), Sweden (5), Georgia (2), Azerbaijan (3), Belarus (1), Denmark (1), Hungary (2), UAE (2), Lebanon (10), Kuwait (58), Oman (13), Bahrain (52), Iraq (26), Qatar (8), Saudi (1), Algeria (1).

³ **Travelled from Italy:** Thailand (2), Malaysia (1), New Zealand (1), India (19), US (3), Argentina (1), Mexico (6), Brazil (3), Chile (1), Dominican Republic (1), France (5), Germany (19), Finland (3), Spain (40), Sweden (22), Greece (4), Switzerland (9), Austria (6), Croatia (5), Romania (4), North Macedonia (1), Denmark (7), UK (16), Norway (5), Czech Republic (5), Luxembourg (1), Germany (19), Netherlands (8), Georgia (2), Iceland (17), Lithuania (1), Ukraine (1), Ireland (1), Belgium (20), Russia (1), Portugal (4), Andorra (1), Israel (6), Jordan (1), South Africa (1), Slovenia (1), Bosnia and Herzegovina (1), Ireland (2), Estonia (1), Belarus (2), Morocco (2), Algeria (3), Nigeria (1), Tunisia (1).

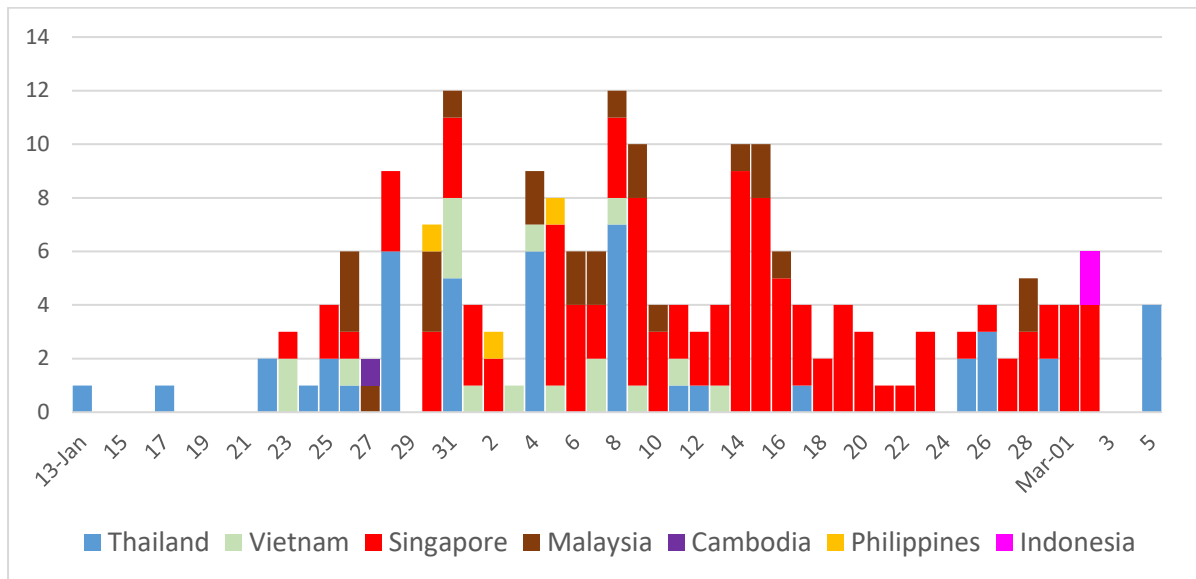
⁴ **Probable case of community acquired COVID-19** – US (12), UK (1), Netherlands (1), Australia (2), Japan (2)

⁵ **Travelled from Egypt:** Canada (5), France (13), Greece (1)

⁶ **Countries with numerous confirmed cases and number with reported history of travel from China:** South Korea (14), Italy (3)

Distribution of COVID-19 cases in ASEAN Member States (AMS)

as of March 5, 2020



Map of COVID-19 Affected Countries: Global

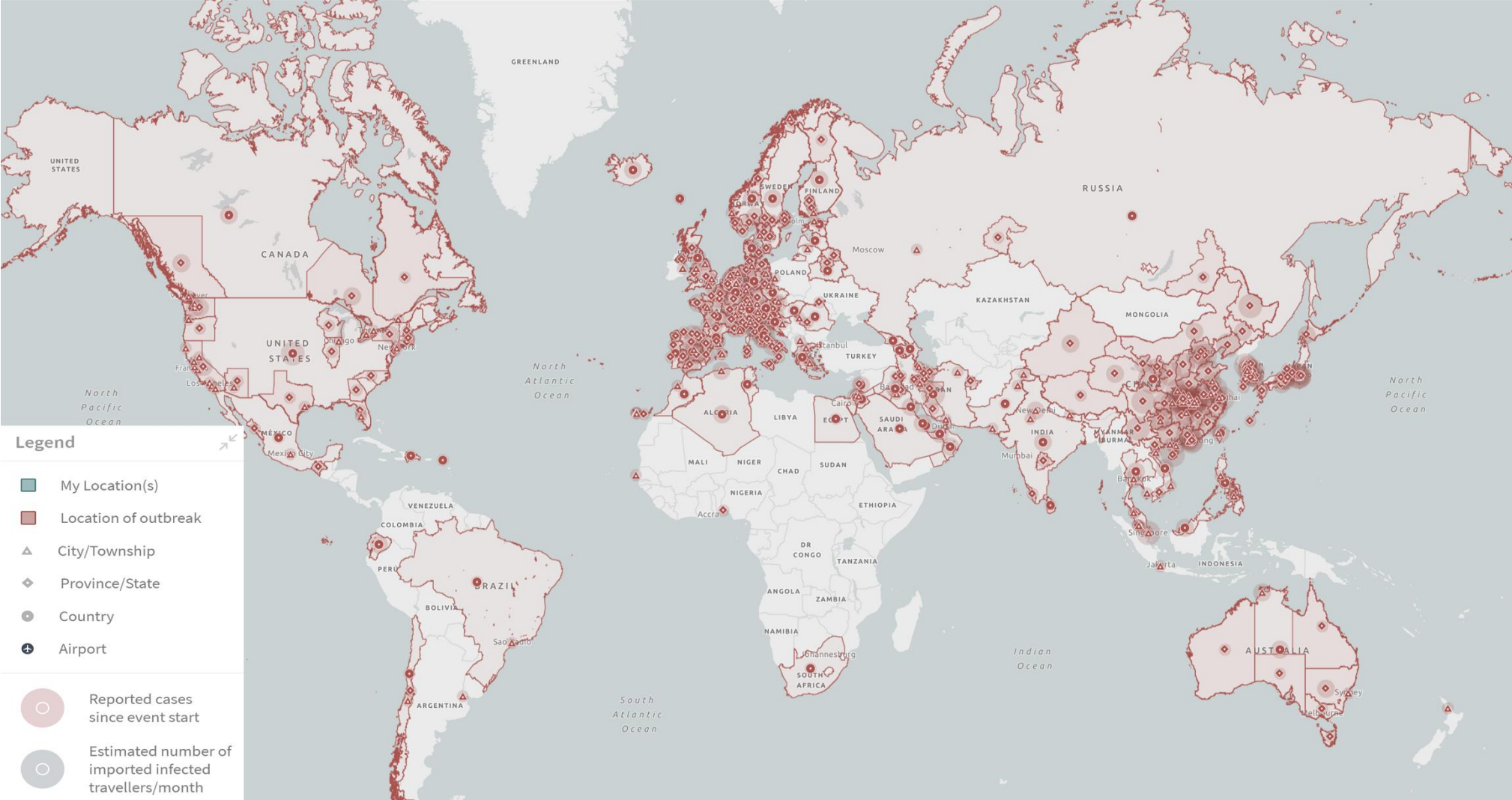


Figure 1. Global map of countries with COVID-19 confirmed cases as of March 6, 2020 (2 PM GMT+8)

Map of COVID-19 Affected Countries: ASEAN Region



Figure 2. ASEAN Region with COVID-19 confirmed cases as of March 6, 2020 (2 PM GMT+8)

COVID-19: Timeline (continuation*)

- First confirmed cases in Slovenia (1), Hungary (2), and Poland (1)
- Additional cases in Singapore (4), Malaysia (14), Japan (21), South Korea (435), Australia (11), India (24), USA (22), Canada (3), France (21), Germany (66), Italy (587), Spain (75), Sweden (11), UK (44), Belgium (10), Switzerland (32), Austria (6), Croatia (1), Norway (15), Estonia (1), Greece (1), Denmark (4), San Marino (2), Netherlands (20), Belarus (5), Iceland (7), Ireland (1) Portugal (3), UAE (5), Iran (586), Israel (3), Oman (7), Iraq (5), Algeria (3) and Senegal (1)
- Deaths reported in Australia (1), France (1), Italy (28), Spain (1st death), and Iran (15)

- **First confirmed case/s in Slovenia, Hungary, and Poland**
- **Increasing cases reported outside China**
- **Deaths reported outside China**

4 MARCH 2020

- As of March 6 (2PM, GMT+8), worldwide, there were 97,223 confirmed cases, including 3,355 deaths

- **COVID-19 Global Update:**
 - **97,223 confirmed cases**
 - **3,355 deaths.**

6 MARCH 2020

- **First confirmed case/s in South Africa, Bosnia and Herzegovina, Palestinian Territory**
- **Increasing cases reported outside China**
- **Deaths reported outside China**

5 MARCH 2020

- First confirmed case in South Africa (1), Bosnia and Herzegovina (2), and Palestinian Territory (4)
- Additional cases in Thailand (4), Philippines (2), Japan (27), South Korea (145), Australia (3), India (1), New Zealand (2), USA (32), Canada (4), Ecuador (3), Chile (2), France (73), Germany (87), Finland (5), Italy (769), Spain (31), Sweden (29), UK (5), Belgium (27), Switzerland (32), Austria (10), Croatia (1), Norway (54), Romania (2), Georgia (1), Greece (23), Denmark (5), San Marino (11), Netherlands (44), Iceland (18), Ireland (4), Czech Republic (3), UAE (1), Iran (591), Lebanon (2), Kuwait (2), Oman (3), Bahrain (3), Iraq (4), Egypt (1), Algeria (9), Morocco (1) and Senegal (2)
- Deaths reported in South Korea (9), USA (1), Italy (41), Spain (2), UK (1st death), Switzerland (1st death), Iran (15), and Iraq (1)

*refer to previous reports for previous timeline

Risk of COVID-19 spread via Air Travel

BIODIASPORA AIR TRAVEL DATA FROM HIGHLY INFECTED COUNTRIES TO ASEAN MEMBER STATES (AMS)

Table 1. ASEAN Countries receiving direct passengers from **Italy** in March 2020

Origin Country	Destination Country	Flights	Seats*
Italy	Thailand	43	13,803
	Singapore	46	11,408
	Vietnam	2	718

**actual number of passengers may vary due to in-country's travel ban or restrictions*

Table 2. ASEAN Countries receiving direct passengers from **South Korea** in March 2020

Origin Country	Destination Country	Flights	Seats*
South Korea	Viet Nam	2,352	512,903
	Philippines	1,460	304,107
	Thailand	938	245,815
	Malaysia	467	121,033
	Singapore	247	71,969
	Indonesia	156	45,451
	Laos	128	22,733
	Cambodia	90	19,276
	Myanmar	49	8,990
	Brunei Darussalam	18	2,700

**actual number of passengers may vary due to in-country's travel ban or restrictions*

Table 3. ASEAN Countries receiving direct passengers from **Iran** in March 2020

Origin Country	Destination Country	Flights	Seats*
Italy	Thailand	33	8,052
	Malaysia	28	7,091

**actual number of passengers may vary due to in-country's travel ban or restrictions*

