

**Supplementary material for the article:**  
Hossain MS, Ferdous S, Kos-Karim H, Raheem E. COVID-19 death disparities among international migrant workers of South Asian origin: A comparative study between the Gulf Cooperation Countries and Singapore. *Journal of Global Health Economics and Policy*. 2021;1:e2021007.

## Data sources

Extracting IMWs related data is challenging worldwide, particularly from Gulf countries. In this study, we collected data (estimated number of IMWs and COVID-19 related death cases) from various sources including foreign ministry report, traditional national mainstream media reports and reports generated by organizations working on IMWs and expatriate platform (see additional file). Different sources for the same information were cross-checked for reliability. Latest death report of IMWs in GCC states and Singapore included in this study: Bangladesh and Sri Lanka (as of December 2020), Kerala (India) and Nepal (as of September 2020).

## Bangladesh: IMW profile

1. Gulf Labour Markets, Migration, and Population Programme (GLMM), Demography, Migration, and Labour Market in Saudi Arabia  
[http://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2018\\_05.pdf](http://gulfmigration.org/media/pubs/exno/GLMM_EN_2018_05.pdf) (August 15, 2021)
2. Gulf Labour Markets, Migration, and Population Programme (GLMM), Demography, Migration, and the Labour Market in Oman,  
[http://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2018\\_07.pdf](http://gulfmigration.org/media/pubs/exno/GLMM_EN_2018_07.pdf) (August 15, 2021)
3. Gulf Labour Markets, Migration, and Population Programme (GLMM), Demography, Migration, and the Labour Market in the Kuwait  
Qatar [https://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2017\\_03.pdf](https://gulfmigration.org/media/pubs/exno/GLMM_EN_2017_03.pdf) (August 15, 2021)
4. Gulf Labour Markets, Migration, and Population Programme (GLMM), , Demography, Migration, and the Labour Market in the Qatar  
[http://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2019\\_03.pdf](http://gulfmigration.org/media/pubs/exno/GLMM_EN_2019_03.pdf) (August 15, 2021)
5. Gulf Labour Markets, Migration, and Population Programme (GLMM), Demography, Migration, and the Labour Market in Bahrain  
[http://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2019\\_01.pdf](http://gulfmigration.org/media/pubs/exno/GLMM_EN_2019_01.pdf) (August 15, 2021)
6. Gulf Labour Markets, Migration, and Population Programme (GLMM), Demography, Migration, and the Labour Market in the UAE

[https://gulfmigration.org/media/pubs/exno/GLMM\\_EN\\_2018\\_01.pdf](https://gulfmigration.org/media/pubs/exno/GLMM_EN_2018_01.pdf) (August 15, 2021)

7. Migration Policy Institute (MPI), COVID-19 Pandemic Profoundly Affects Bangladeshi Workers Abroad with Consequences for Origin Communities (9 July, 2020)  
<https://www.migrationpolicy.org/article/covid-19-pandemic-profoundly-affects-bangladeshi-workers-abroad-consequences-origin> (August 15, 2021)

#### **Bangladesh IMW's death report (latest December 2020)**

1. Labour Migration From Bangladesh 2020 (December 2020).  
<http://www.rmmru.org/newsite/wp-content/uploads/2021/03/Migration-Trends-Report-2020.pdf> (August 15, 2021)
2. Dhaka Tribune. Report: 1,500 Bangladeshis died from Covid-19 abroad (26 July 2020),  
<https://www.dhakatribune.com/health/coronavirus/2020/07/24/report-1-500-bangladeshis-died-from-covid-19-abroad> (August 15, 2021)
3. Bangla New. 723 expatriate Bangladeshis die of Covid-19 in Saudi Arabia (29 July 2020), <https://www.banglanews24.com/english/national/news/bd/84727.details> (August 15, 2021)
4. TBS News. Covid-19: Bangladeshi expats' death toll exceeds 1,000 (17 June 2020)  
<https://tbsnews.net/bangladesh/migration/covid-19-bangladeshi-expats-death-toll-exceeds-1000-94717> (August 15, 2021)

#### **Kerala (India): IMW profile**

1. Times of India. Why alarm bells rings when the 'Gulf Malayali' packs his bag (25 May 2020).  
[http://timesofindia.indiatimes.com/articleshow/75946740.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst\\_prime](http://timesofindia.indiatimes.com/articleshow/75946740.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst_prime) (August 15, 2021)
2. Prime Minister Office (Singapore): PM Lee Hsien Loong at the Singapore Malayalee Association 100th Anniversary Dinner (19 September 2017)  
<https://www.pmo.gov.sg/Newsroom/pm-lee-hsien-loong-singapore-malayalee-association-100th-anniversary-dinner> (August 15, 2021)

#### **Kerala IMW's death report (latest August 2020)**

1. Onmanorama. Over 400 Keralites died of COVID-19 in Gulf countries (20 August 2020)  
<https://www.onmanorama.com/news/kerala/2020/08/20/nrk-death-keralite-covid-19-gulf-uae-saudi.html> (August 15, 2021)

#### **Nepal: IMW profile**

1. The Kathmandu Post. At least 500,000 migrant workers want to return home at the earliest, says report  
<https://kathmandupost.com/national/2020/05/21/at-least-500-000-migrant-workers-want-to-return-home-at-the-earliest-says-report> (August 15, 2021)
2. Population of Qatar by nationality - 2019 report. <https://priyadsouza.com/population-of-qatar-by-nationality-in-2017/> (August 15, 2021)
3. Global mind insight. UAE Population by Nationality (Expatriate population of UAE in 2018 ) <https://www.globalmediainsight.com/blog/uae-population-statistics/> (August 15, 2021)
4. Population of Qatar by nationality - 2019 report. <https://priyadsouza.com/population-of-qatar-by-nationality-in-2017/> (August 15, 2021)

### **Nepal IMW's death report (latest September 2020)**

1. Nepali Migrant Workers amid Covid-19 in Major Destination Countries: A Human Security Approach <https://www.nepjol.info/index.php/TUJ/article/view/31545> (August 9, 2021)
2. My Republica Nagorik Network. 110 Nepali nationals die in UAE in the last five months (13 August 2020). <https://myrepublica.nagariknetwork.com/news/110-nepali-nationals-die-in-uae-in-the-last-five-months/> (August 15, 2021)
3. My Republica Nagorik Network . 43 Nepali nationals succumbed to COVID-19 in foreign lands last week (13 September 2020).  
<https://myrepublica.nagariknetwork.com/news/43-nepali-nationals-succumbed-to-covid-19-in-foreign-lands-last-week/> (August 15, 2021)

### **Sri Lanka: IMW profile**

1. The Long Road Home: The Story Of Sri Lankan Migrant Workers In Saudi Arabia (29 June 2020). <https://roar.media/english/life/in-the-know/long-road-home-story-srilankan-migrant-workers-in-saudi-arabia> (August 15, 2021)
2. Global mind insight. UAE Population by Nationality (Expatriate population of UAE in 2018) <https://www.globalmediainsight.com/blog/uae-population-statistics/> (August 15, 2021)
3. World population review. Kuwait population.  
<https://worldpopulationreview.com/countries/kuwait-population> (August 15, 2021)

4. Global mind insight. UAE Population by Nationality (Expatriate population of UAE in 2018 ) <https://www.globalmediainsight.com/blog/uae-population-statistics/> (August 15, 2021)

#### **Sri Lanka IMW's death report (latest December 2020)**

1. 89 Sri Lankans in the Middle East have died of COVID-19: Labour Minister. <https://economynext.com/89-sri-lankans-in-the-middle-east-have-died-of-covid-19-labour-minister-77688/> (August 15, 2021)
2. Daily Mirror. COVID-19 kills 23 Sri Lankan migrant workers in Gulf (19 June 2020). [http://www.dailymirror.lk/breaking\\_news/COVID-19-kills-23-Sri-Lankan-migrant-workers-in-Gulf/108-190327](http://www.dailymirror.lk/breaking_news/COVID-19-kills-23-Sri-Lankan-migrant-workers-in-Gulf/108-190327) (August 15, 2021)