

The study of Demographic characteristics in a travelers from abroad during Coronavirus Disease 2019 (COVID-19), Thailand

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INTRODUCTION

In situation COVID-19 Pandemic, Thailand has travelers from affected area. Health quarantine officer must be screening and surveillance for isolation, quarantine and declared Patients under investigation (PUI) are determined based on signs/symptoms, along with risk factors refer to medical services.

Objective

The study of Demographic characteristics of travelers from abroad in Public health of Emergency International Concern : Coronavirus Disease 2019 (COVID-19) During 1st April 2020 – 31th December 2020

Methods

Identify demographic characteristics in a travelers from abroad. The descriptive study based on the data form passenger health questionnaire (T8 form) between 1st April 2020 to 31th December 2020. There were 312,790 travelers from aboard.

Keywords : COVID-19, Travelers

RESULTS

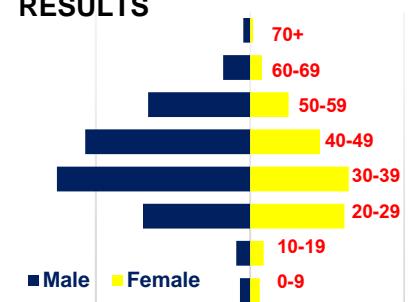


Figure 1 :The number of travelers classified by age and gender group

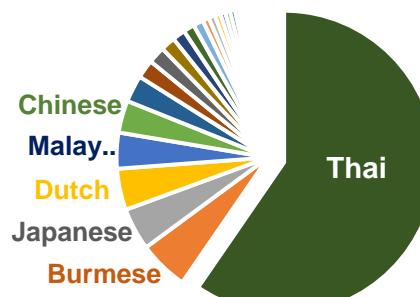


Figure 2 : Percentage of nationality travelers

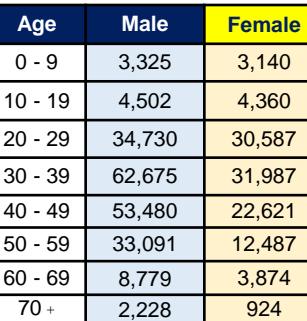


Figure 3 : percentage classified by occupation

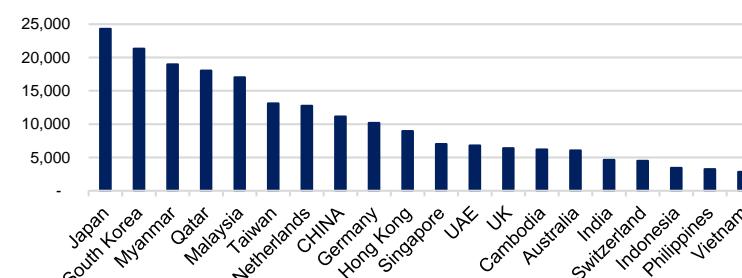


Figure 4 : passengers Classify the country of origin

Conclusions

- Gender ratio was 1.87 males per 1 female .The most travelers from aboard was the worker in high income countries. The most of age groups were males 30-39 year-old (30.90%). Thai nationality was 57.10%,Myanmar (5.09%), Japanese (4.31%). Most of country of origin were japan (7.77%), South Korea (6.82%),Myanmar (6.06) .Most of them were workers (45.53%), container/cargo (9.01%), Crew(7.66%).

Discussions

- The most Thai nationality, the most 30-39 year old group, followed by the 40 - 49 year old group, The most general laborer followed by other occupations show that Thai people living abroad Most of them are middle aged, working and living in a country that has developed industrialization and drives the economy including neighboring countries.
- All travelers, there were 3,216 Cases definition for patients under investigation (2.67% of COVID-19 confirm cases.).
- Screening system is important to prevent and response COVID-19 pandemic.
- Laboratory center in international health quarantine supported capacity for effective surveillance and disease control.

Acknowledgment

- Health Quarantine DDC
- Multi Sectoral cooperation under Department of Disease Control in collecting data and feedback the operations at Health Quarantine very well

Limitation

The huge number of travelers and the short amount of screening time that they have to fill out the health questionnaire , there may be a loss of coverage of such information.

Recommendation

Study risk factor : country of origin, transit flight, and declared symptoms of PUI