

ASIAN DISASTER REDUCTION CENTER
Visiting Researcher Program
(FY2021)



Thailand Country Report 2021



ADRC Visiting Researcher

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1. Disaster in Thailand

Disaster Statistical Data

(1) Storms

Impacts of Storms

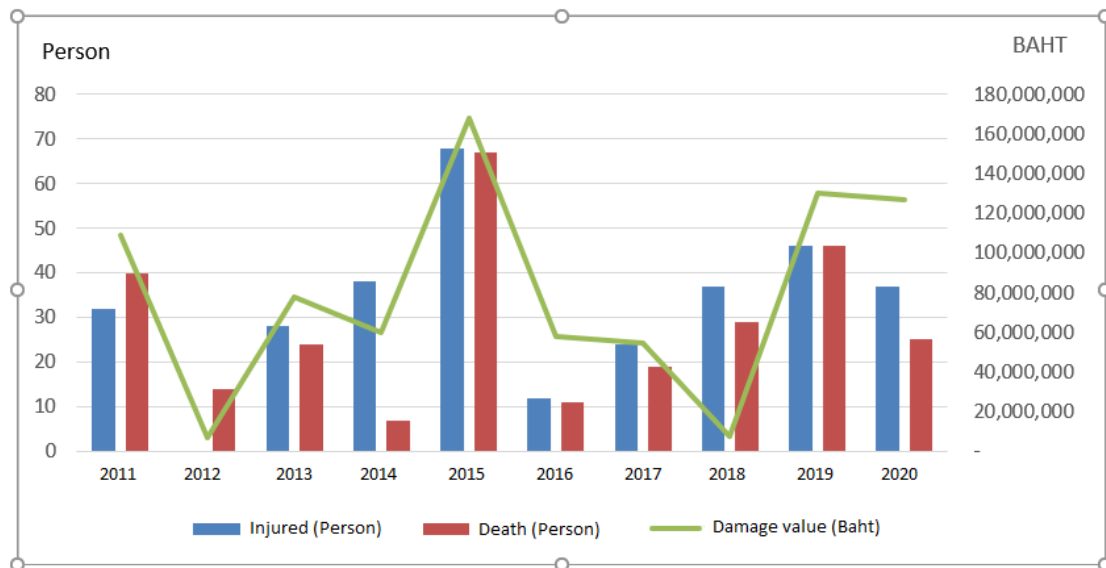


Chart 1 : Storms Statistics during 2011 – 2020

(2) Flood

Impacts of Flooding

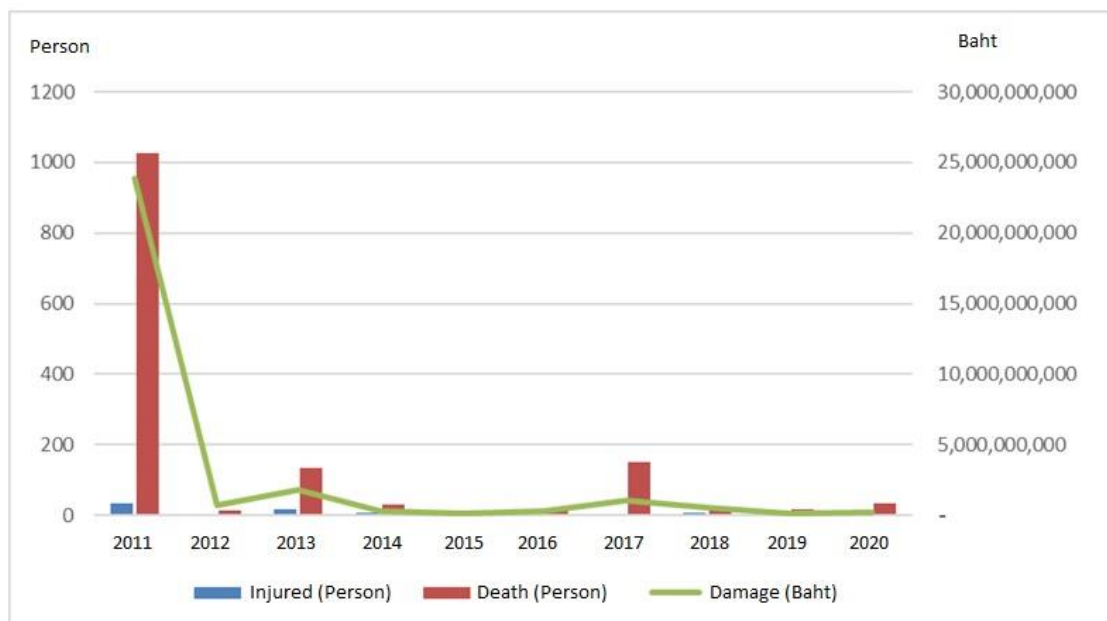


Chart 2 : Flooding Statistics during 2011 - 2020

(3) Drought

Impacts of Drought

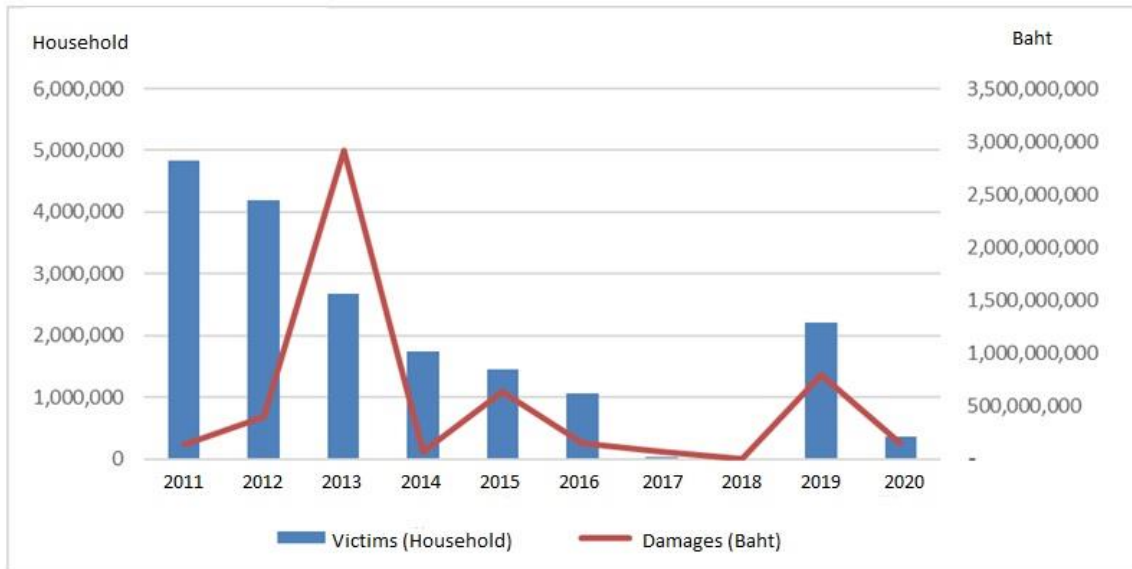


Chart 3 : Drought Damages Statistics during 2011 - 2020

(4) Fires

Impacts of Fire

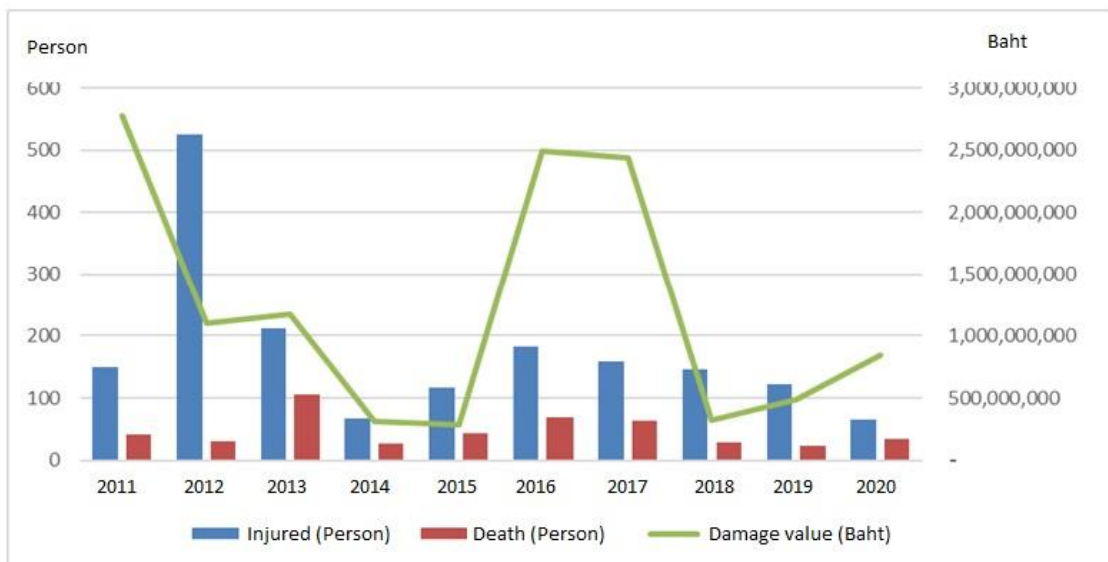


Chart 4 : Fire Statistics during 2011 - 2020

(5) Forest Fires and Haze

Impacts of Bushfire

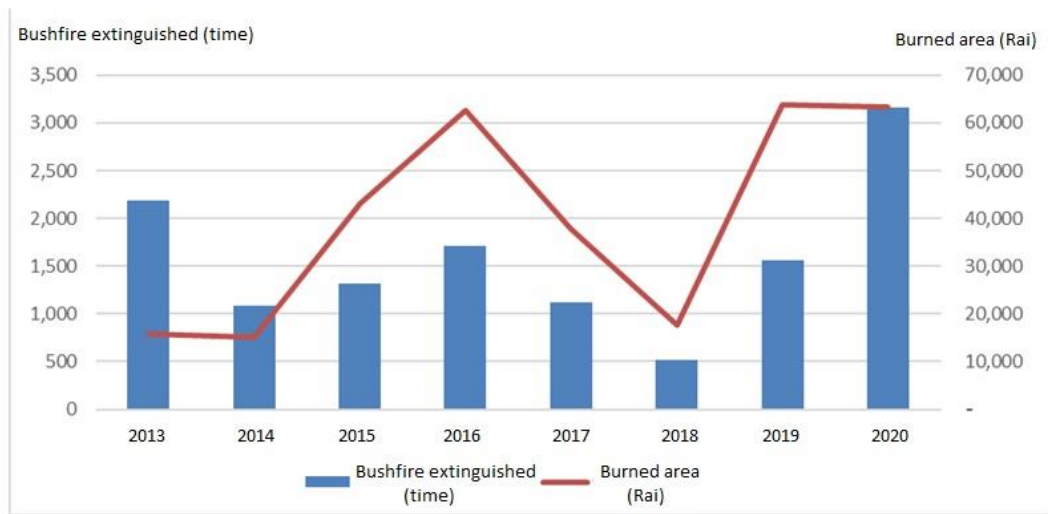
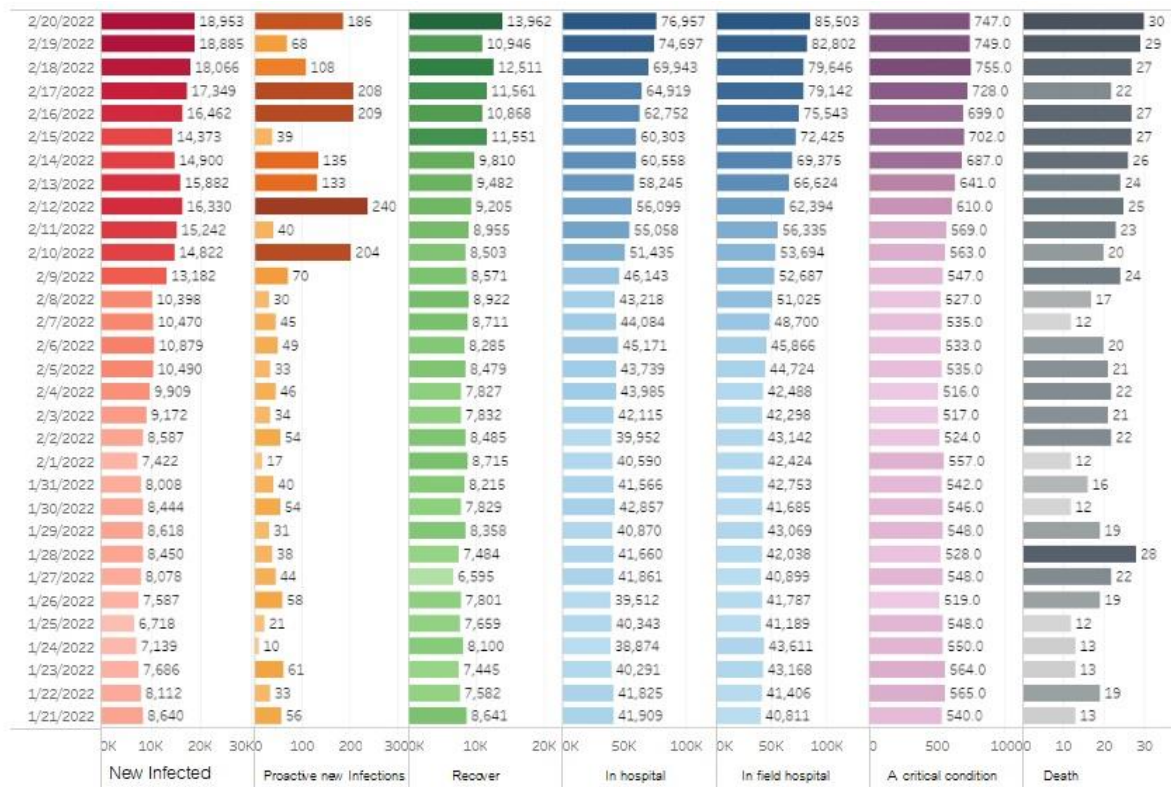


Chart 5 : Bushfire Statistics during 2013 - 2020

(6) Contagious Disease



Source : Department of Disease Control (2021).

Available from : <https://ddc.moph.go.th/covid19-dashboard/?dashboard=30-days> (2022, February 20)

Chart 6 : COVID-19 statistics situation in Thailand (30 days)

2. Recent Major Disasters

The Podul and Kajiki Tropical Storm (2019)

Two tropical storms namely, Podul and Kajiki caused heavy downpours in August 2019, leading to widespread flooding and landslides in several provinces in northern and northeastern Thailand and the most hazardous areas is Ubon Ratchathani province.

32 provinces, 184 districts, 836 sub-districts, 7,293 villages and 419,988 households were affected and 41 people were confirmed dead.



3. Recent Projects on Disaster Risk Reduction

National Disaster Risk Management Plan (2015)

National Disaster Risk Management Plan (2015) has consolidated disaster risk management related new thinking and concepts, including the development of disaster prevention and preparedness system and the creation of disaster immunity through developing knowledge and wisdom as well as strengthening disaster surveillance system and coping capacity, living in harmony with nature and creating the self-immunity into the communities in line with an approach entitled “sufficiency economy philosophy”. In addition, it has also brought together the thinking on disaster risk reduction for disaster and sustainability through the creation and enhancement of awareness for disaster risk reduction before, during and after disaster and to provide strategic direction for the implementation of this National Plan in conformity with Disaster Prevention and Mitigation Act B.E. 2550 (2007) and in line with Sendai Framework for Disaster Risk Reduction 2015 – 2030

The National Disaster Risk Management Plan (2015) has the purpose to be a blueprint, framework and guideline in handling national disaster management actions for all relevant agencies. The Plan will serve as a tool for reducing the impact of disaster, realizing disaster risk management standards in every community as well as for further integrating disaster risk reduction thinking and methods into the national sustainable development process.

In addition, the National Disaster Risk Management Plan (2015) is a master plan for provinces to develop the Provincial Multi – Hazard Specific Action Plan on Disaster Risk Management in conformity with the Provincial Disaster Risk Management Plan and develop the District Disaster Risk Management Plan and other relevant plan for the purpose of directing, coordinating, and providing support for disaster management efforts of the local administrative organization, in accordance with the Provincial Disaster Risk Management Plan.

As the Disaster Prevention and Mitigation Act B.E. 2550 [A.D. 2007] Section 44 “In case of any changes of disaster prevention and mitigation facts as specified in disaster prevention and mitigation plans under this act, or if those plans have been used for five years. Those responsible persons who oversee the formulating of plan shall have to revise or review that plan rapidly.”. The plan is currently being revised and will present the National Disaster Risk Management Plan (2021 - 2027) for cabinet approval by 2022).

4. Counterpart of ADRC

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