


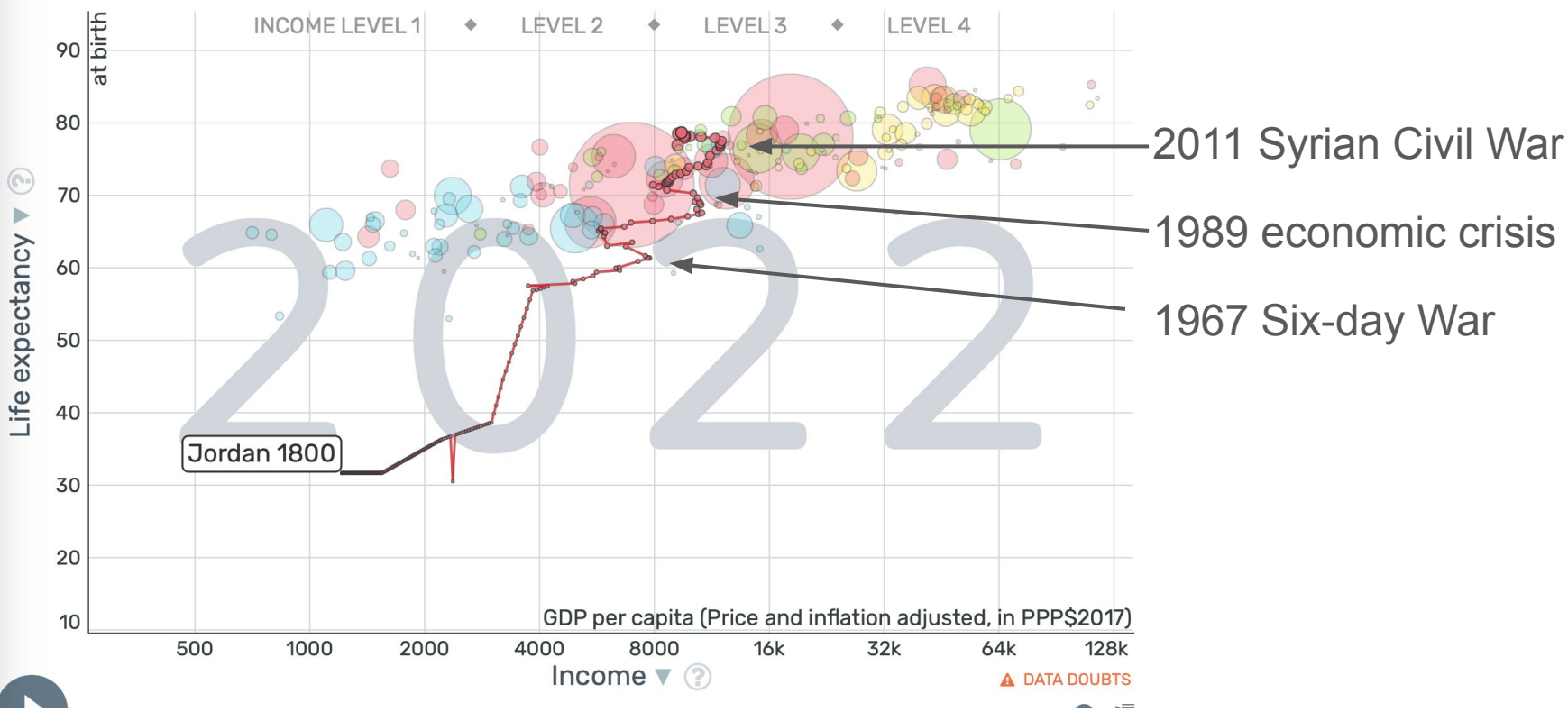
Health care system of Jordan under crisis

prepared by Daisuke Kido

About the country

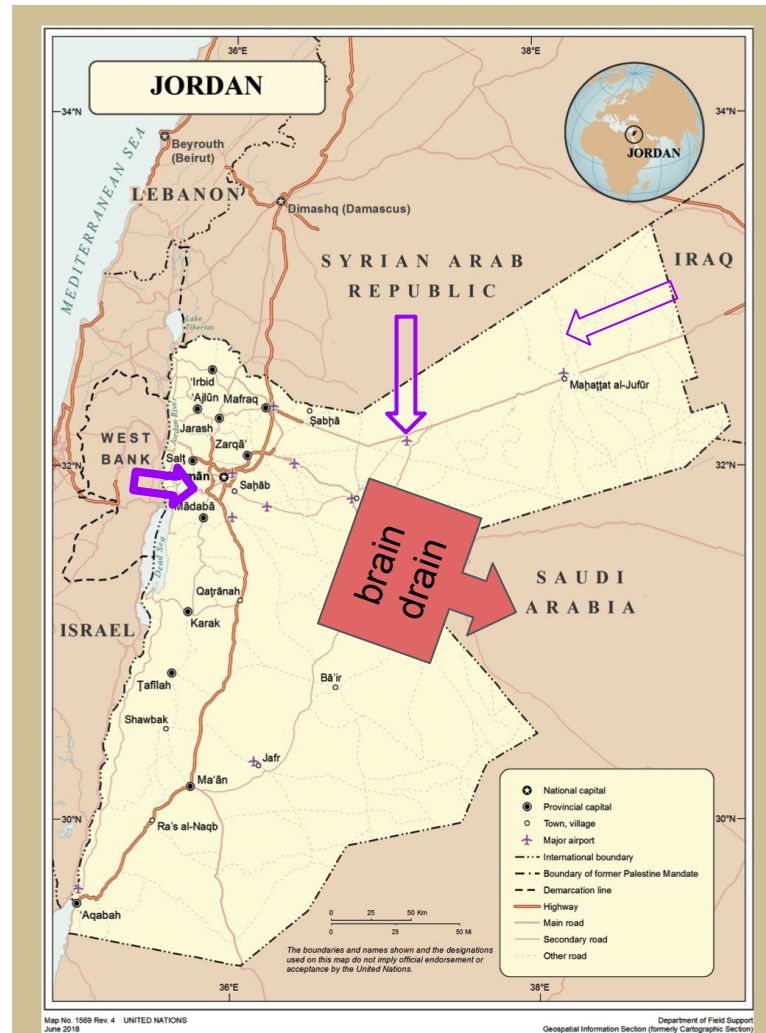
Country name	Jordan
Country capital	Amman
Country flag	
Total population	10.9 million ⁽⁹⁾
Official language	Arabic
Income status	Upper middle-income ⁽¹⁰⁾

Income and Life Expectancy Transition



Migration Trend Affecting its Health System

- Influx from neighbouring countries shown in purple arrow
- Efflux of Medical providers shown in red box



70 years History of refugee in Jordan

- Colonization in Palestine
- Civil wars in Sudan, Somalia, and Syria

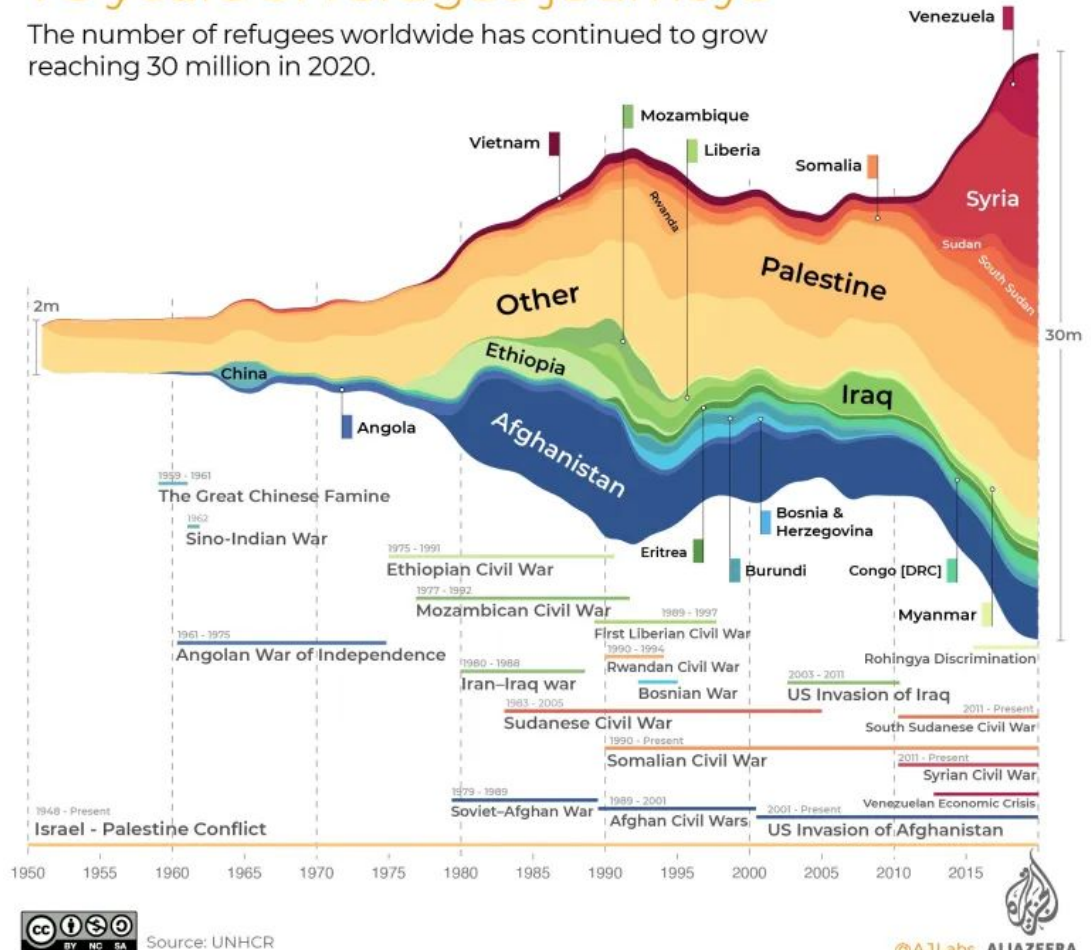
caused huge influx in this country

<https://www.aljazeera.com/news/2021/6/20/infographic-world-refugee-day-journey>

REFUGEES

70 years of refugee journeys

The number of refugees worldwide has continued to grow reaching 30 million in 2020.



Source: UNHCR

How many refugees in Jordan?

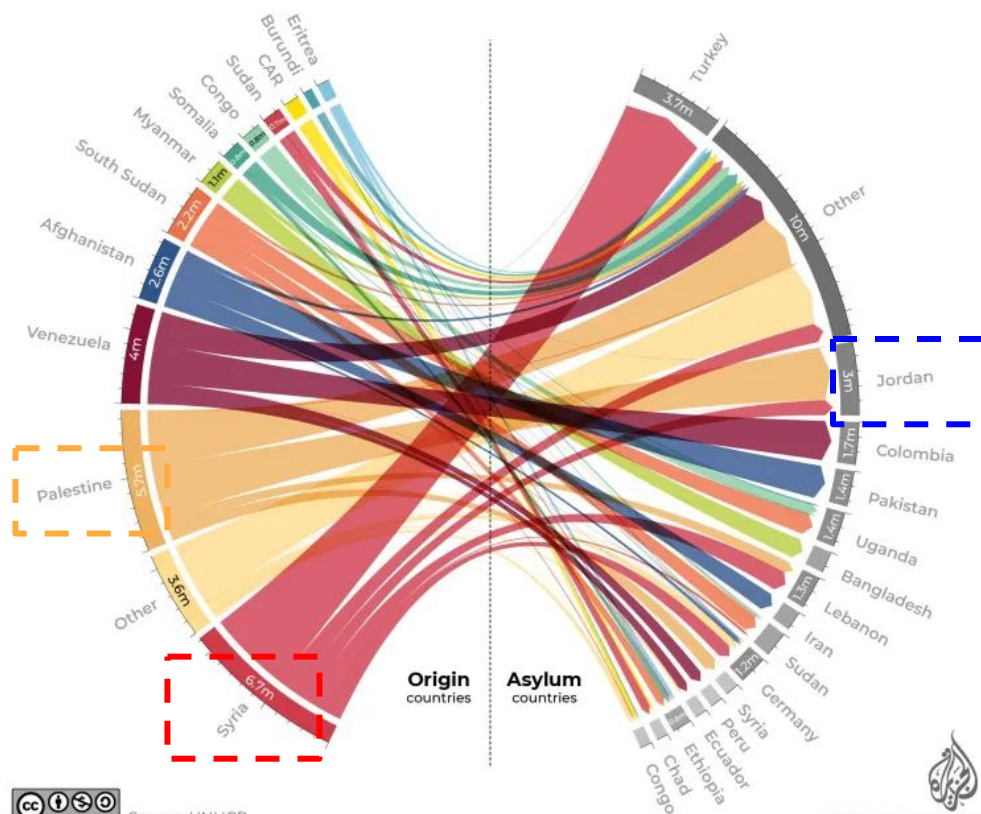
It hosts

- more than 2 million Palestinian refugees
- around 1 million refugees and asylum seekers mainly from Syria

→ 3M refugees out of 11M total population

REFUGEES

Total number of refugees in host countries today



Source: UNHCR

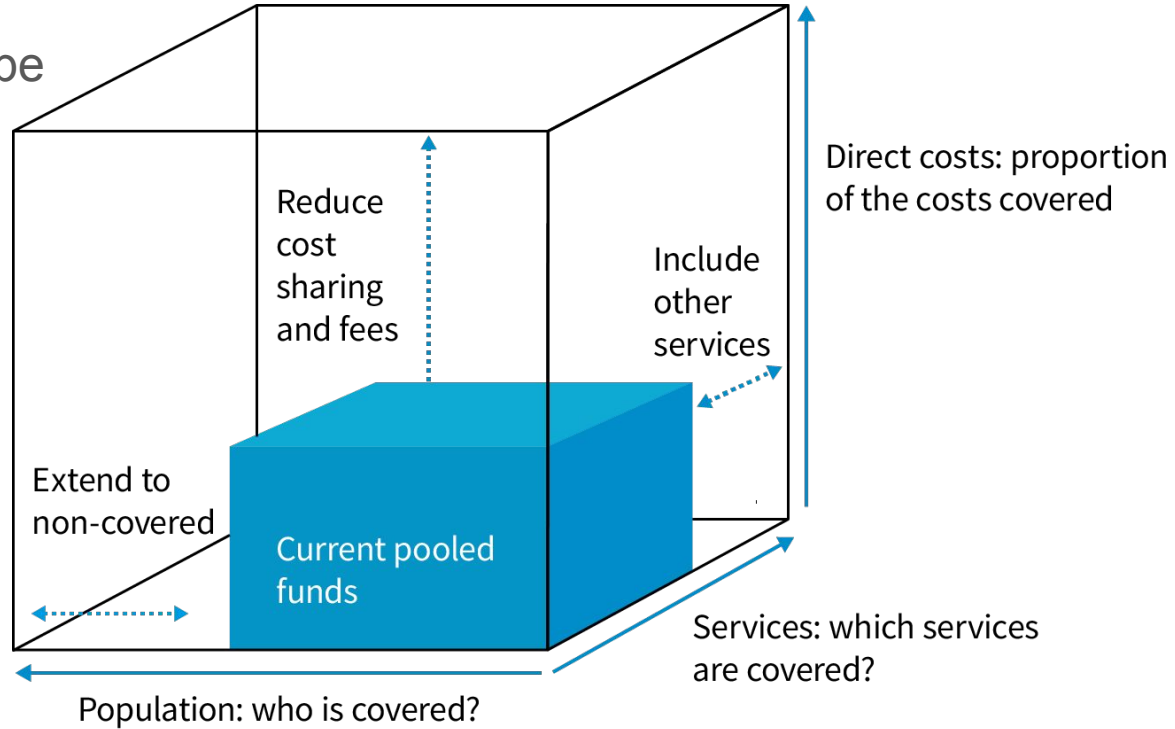


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Healthcare system Analysis

Universal Health Coverage Cube

1. Population
2. Cost
3. Benefits
4. +Quality



The UHC Cube

1. Population Coverage

Table 5: Percentage distribution of population with one health insurance by health insurance agency and gender, 2015.

Insurance agencies	Population			Jordanian		
	Males	Females	Total	Males	Females	Total
*Ministry of Health	34.8	37.3	36.0	40.6	43.0	41.8
Royal Medical Services	33.4	33.1	33.3	39.1	38.2	38.6
University Hospitals	2.7	2.3	2.5	2.2	2.2	2.2
UNRWA	4.4	4.1	4.3	2.2	2.2	2.2
Private insurance	15.0	13.3	14.1	13.0	11.6	12.3
**Special Arrangements	5.1	5.4	5.3	0.0	0.0	0.0
other	3.6	3.9	3.7	2.4	2.6	2.5
Outside Jordan	1.1	0.6	0.8	0.5	0.2	0.4
Total	100.0	100.0	100.0	100.0	100.0	100.0
Total Number of health insured	2664453	2606357	5270810	2282162	2262609	4544771
Proportion of those with one health insurance out of the total *** number of health insured	98.9	98.7	98.8	98.7	98.6	98.7
Proportion of health insured of the total population	53	58.2	55.5	67.8	69.7	68.7

Provider

- Government
- UNRWA, UNHCR etc.

Finance

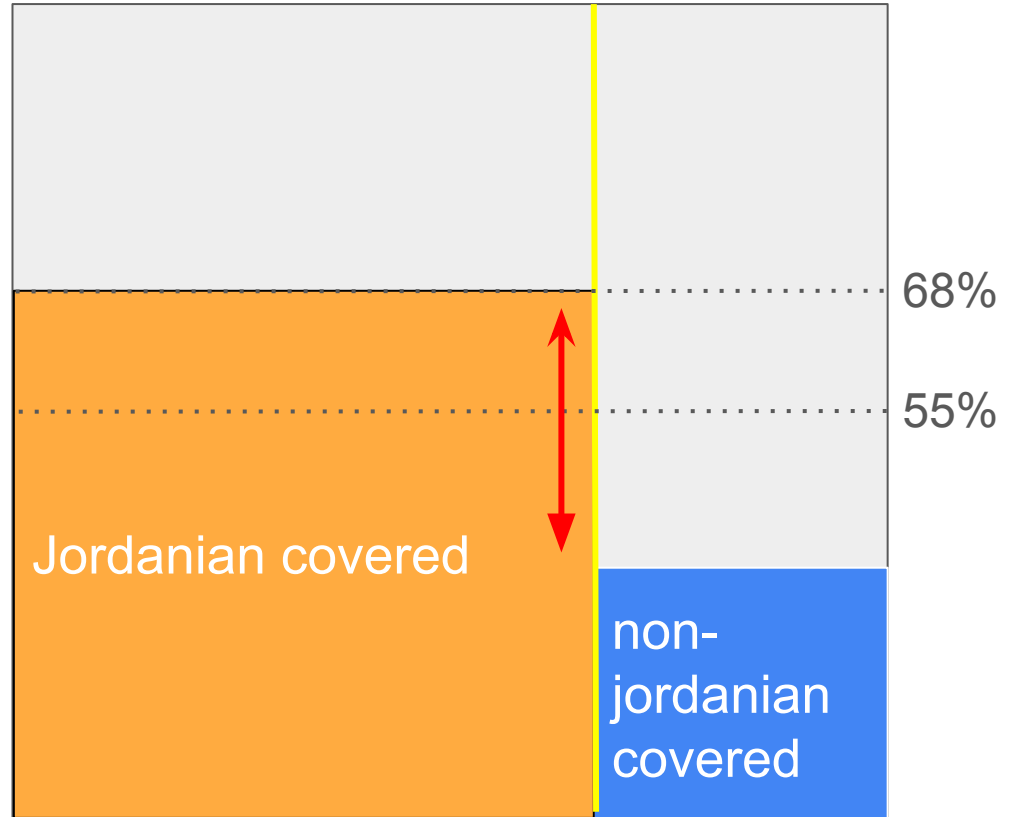
- red: Tax
- green: Outside Jordan

Coverage Gap

not covered

- refugees (out of camp)
(DHS Further Analysis Reports)
- urban residents (informal work)
- lower wealth
- no internet access

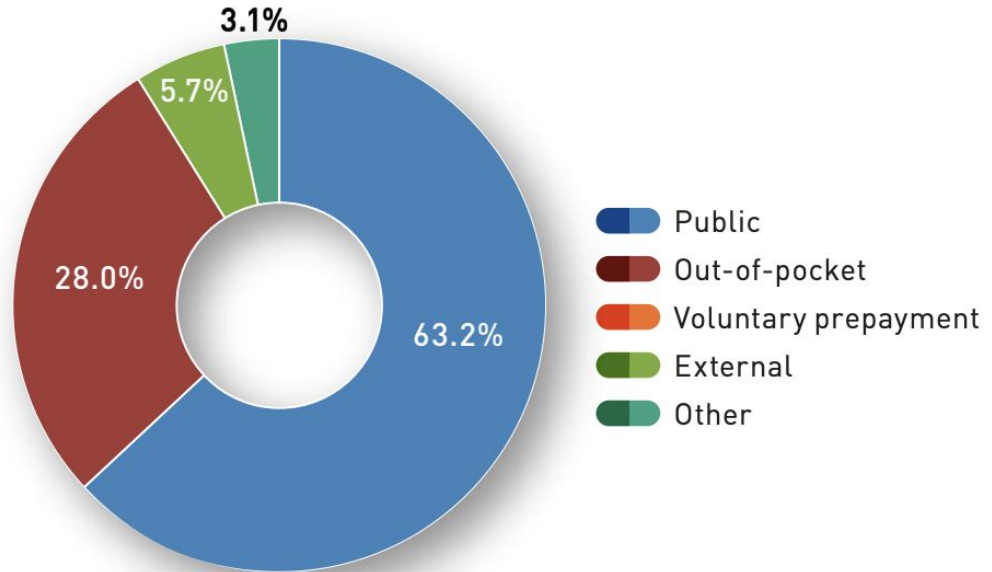
(Liu M, 2021)



2. Cost Coverage

- relatively low percentage of out-of-pocket expenditure
- external support

WHO PAYS FOR HEALTH?



Relatively low catastrophic payment

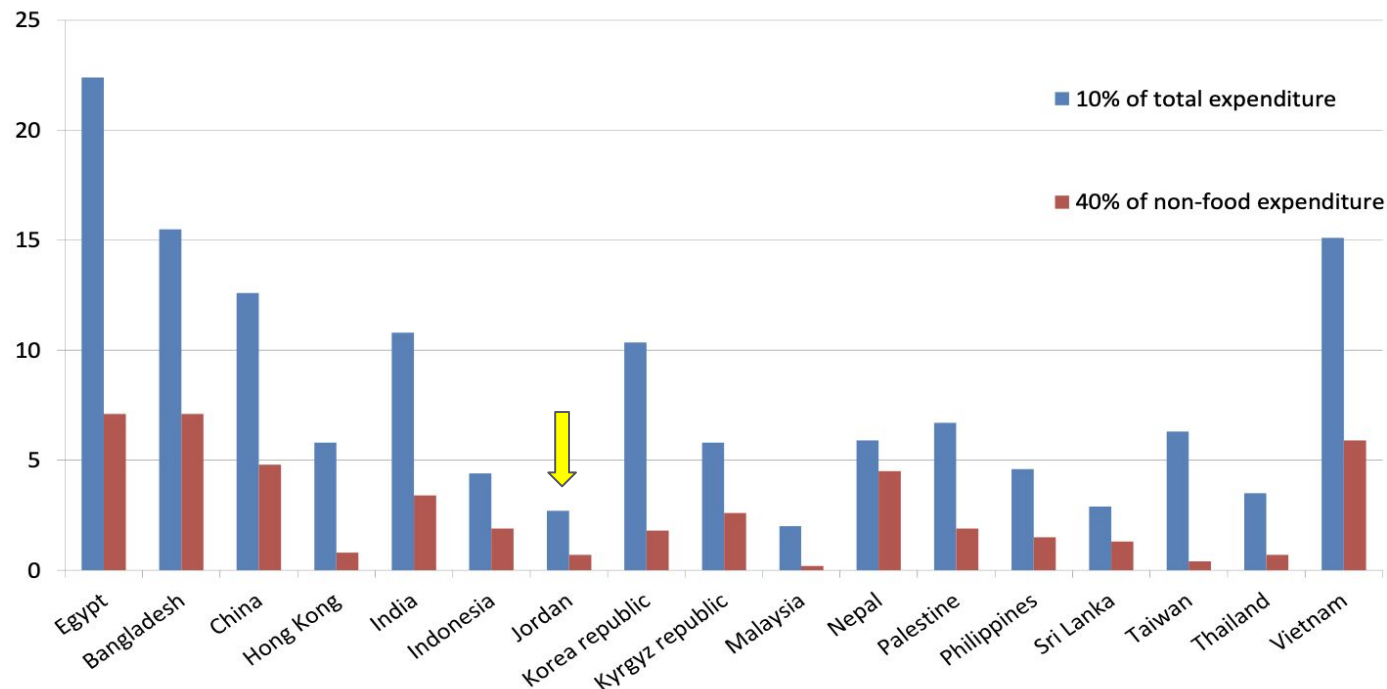
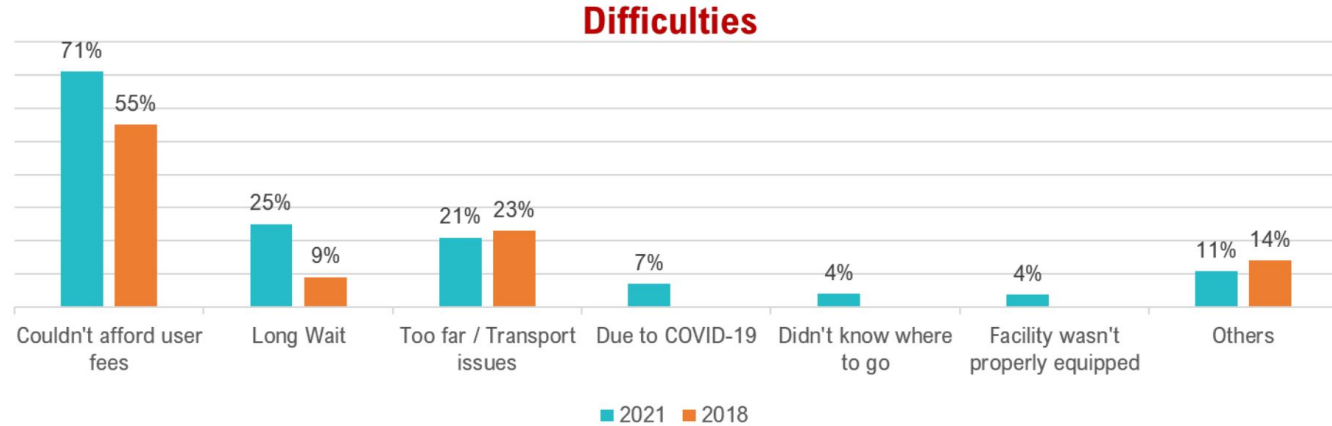
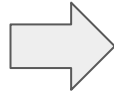
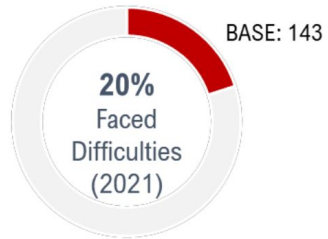


Figure 1. Incidence of catastrophic health payments across countries. Source: Authors' compilation based on the data from Van Doorslaer *et al.* (2007) [23]. (Rashad, A.S. etc. 2015)

3. Benefits coverage

	UHC effective coverage index	Met need for family planning with modern contraception	Antenatal, peripartum, and postnatal care for newborn babies	Antenatal, postpartum, and postnatal care for mothers	MCV1 coverage	DTP3 coverage	Diarrhoea treatment	LRI treatment	ART coverage	TB treatment	Acute lymphoid leukaemia treatment	Breast cancer treatment	Cervical cancer treatment	Uterine cancer treatment	Colon and rectum cancer treatment	IHD treatment	Stroke treatment	Diabetes treatment	CKD treatment	COPD treatment	Asthma treatment	Epilepsy treatment	Appendicitis treatment	Paralytic ileus and intestinal obstruction treatment
Japan	96	60	100	92	97	98	95	99	78	92	98	100	99	97	100	99	98	100	83	96	92	89	100	98
Jordan	70	57	47	54	81	89	100	93	50	92	38	75	63	82	61	75	83	53	38	79	62	76	99	93

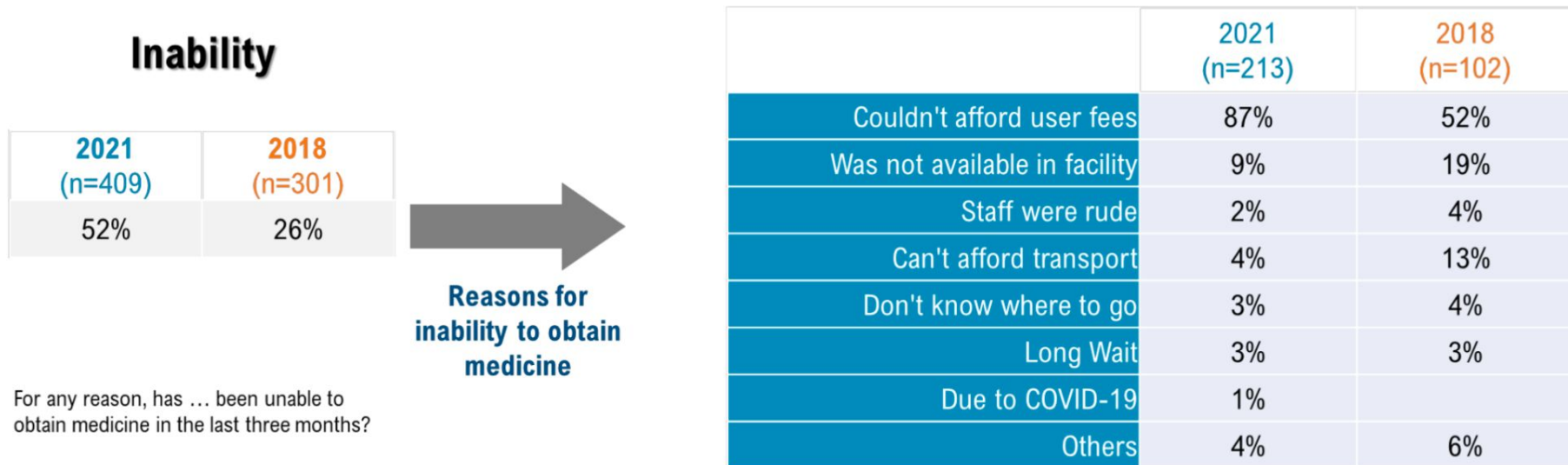
Antenatal Care for Syrian refugee



Base = those who faced difficulties

medication availability for chronic conditions (Syrian)

Figure 27. Obtaining medication for Chronic Conditions



4. Quality -shortage of healthcare provider-

Table 2. Rates of healthcare providers per 10,000 residents by year

Provider	2012	2015
Physician	27.1	22.2
Dentist	10.0	7.1
Nurse	46.6	24.8
Pharmacist	16.3	12.7

Source: MOH annual report, 2015

About declining of nurse's number...

gender, work experience, and nursing role associated with intent to leave
(Al Momani 2017)

Options for solving the issues

domestic

- Rechannelling the funds from Royal Court to the Civil Insurance Programme
- Sin tax

international

- Assisting the Government of Jordan by international community

(Yara 2020)

→ **Better Access, Financial protection, and Quality**

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