Information Booklet

COVID-19 Graphs For Iraq
First 3 Months

Dr. Firas Alobidi

COVID -19 in Iraq
(24 Feb - 19 May -2020)
First 3 months

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This booklet contains the basic data and graphs for COVID-19 in Iraq during the first three months of the pandemic (24 February to 19 May - 2020) , It is performed to help researchers regarding this health problem

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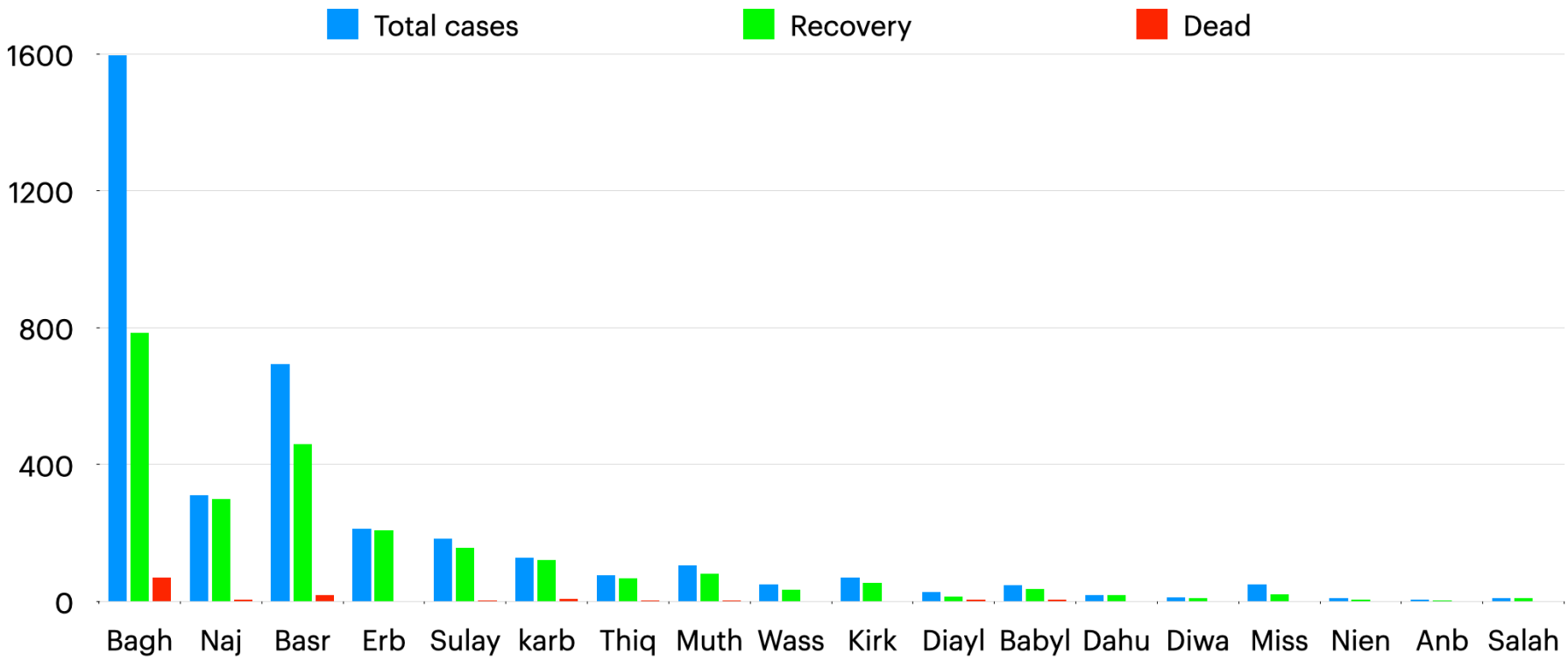

Fig.1 Total, recovered and dead COVID-19 cases in Iraq

Table.1 Total, recovered ,dead and active COVID-19 cases in Iraq (1)

	Bagh	Naj	Basr	Erb	Sulay	karb	Thiq	Muth	Wass
Total cases	1597	311	695	212	183	128	77	106	50
recovery	785	299	459	208	156	121	67	82	35
dead	71	6	18	1	4	8	3	3	2
Active	741	6	218	3	23	19	7	21	13

Kirk	Diayl	Babyl	Dahu	Diwa	Miss	Nien	Anb	Salah
71	28	47	19	12	50	11	5	9
54	15	37	19	11	20	6	3	9
2	5	5	0	1	2	0	0	0
15	8	5	0	0	28	5	2	0

Reference-1

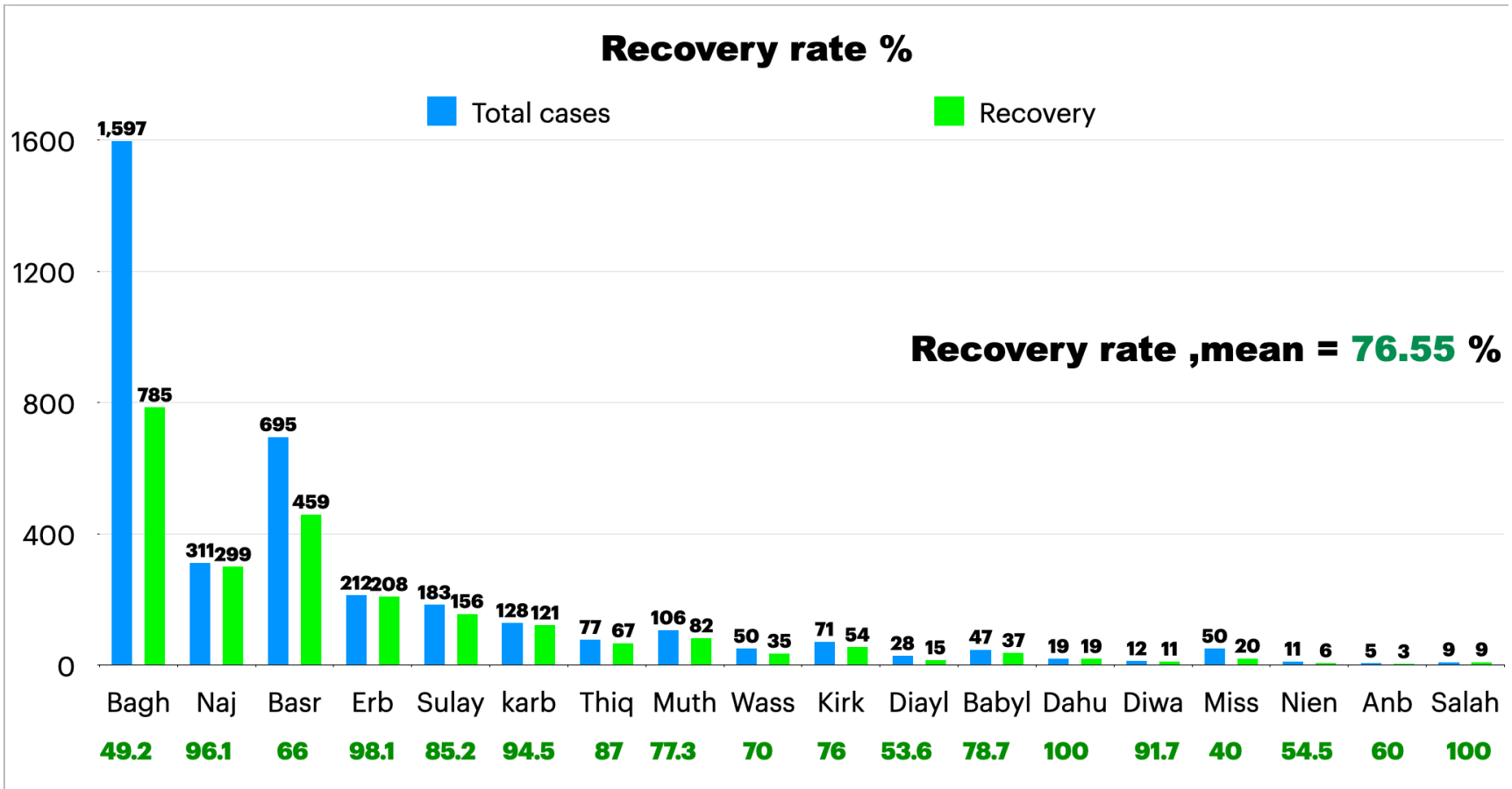

Fig.2 Total and recovered -COVID-19 cases in Iraq

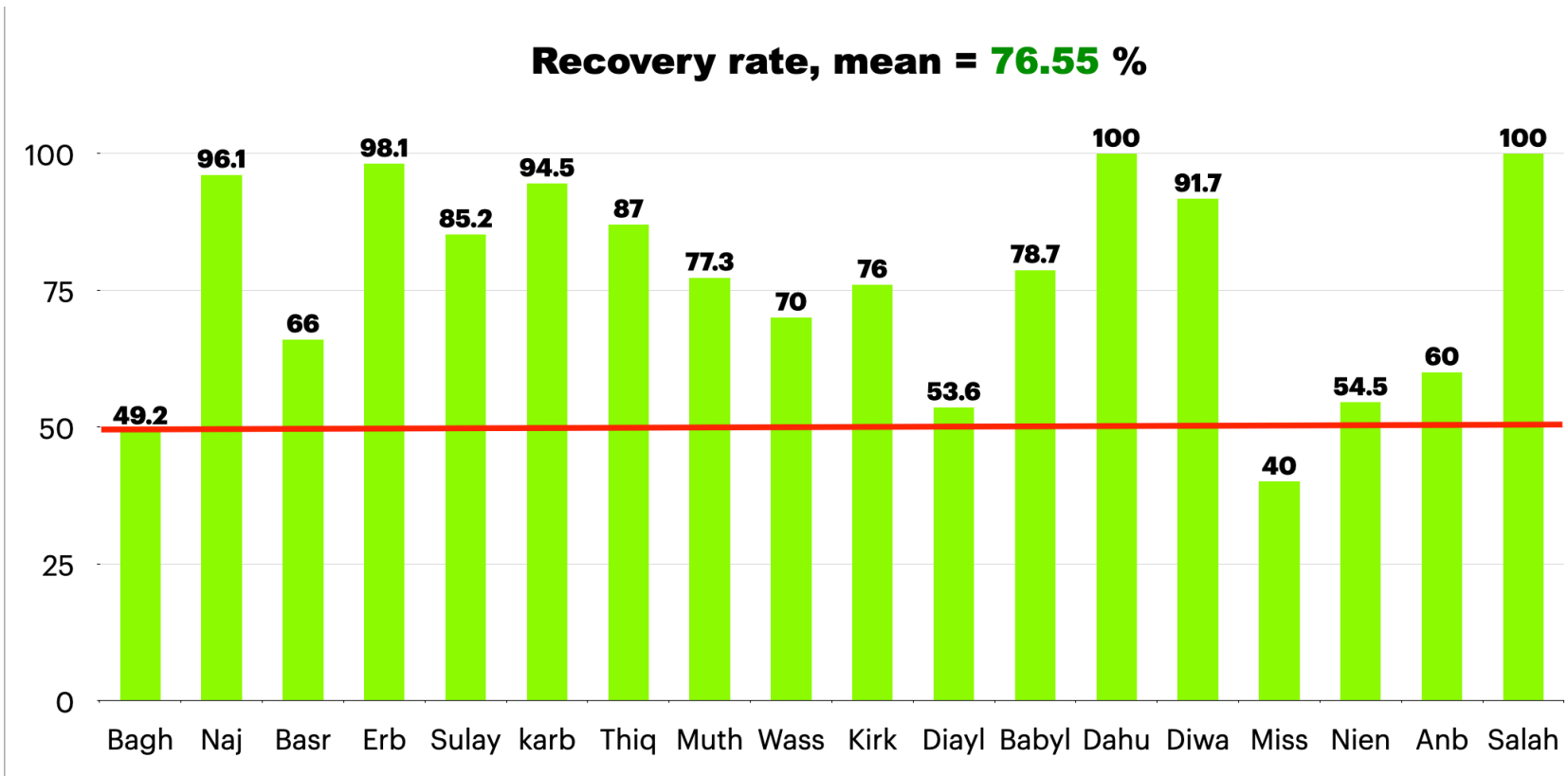

Fig.3 Recovery rate - COVID-19 in Iraq

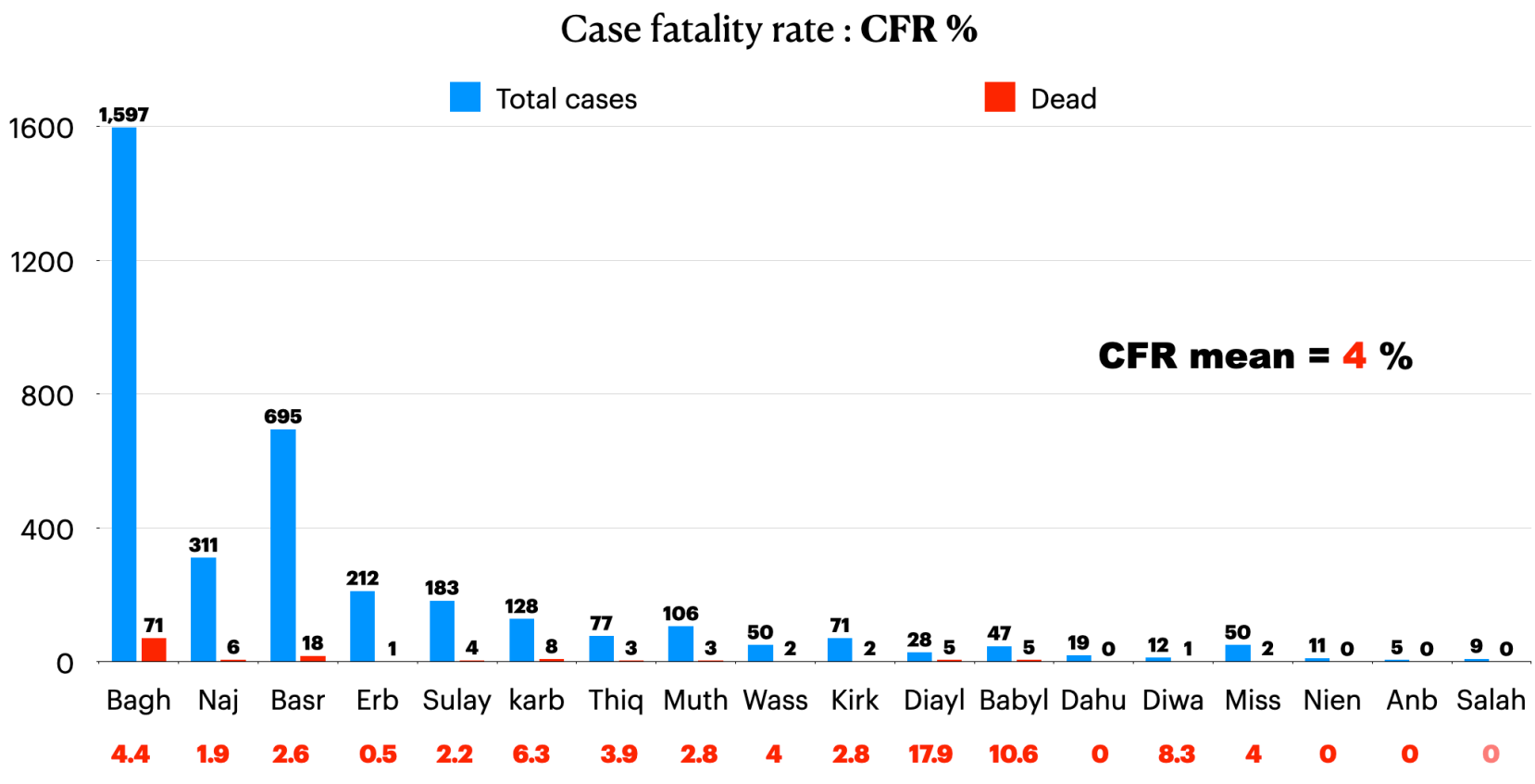

Fig.4 Total and dead -COVID-19 cases in Iraq, CFR

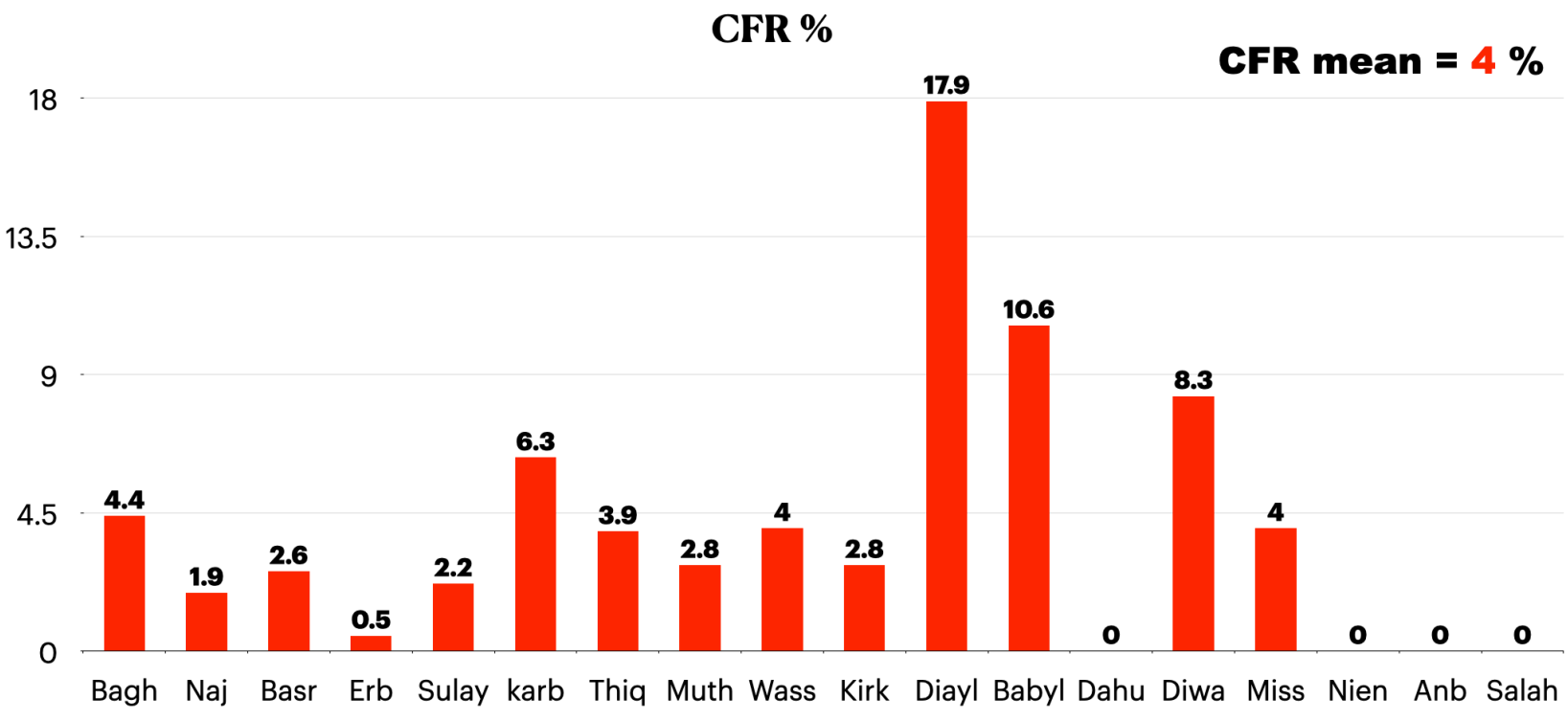

Fig.5 Case fatality rate CFR - COVID-19 in Iraq

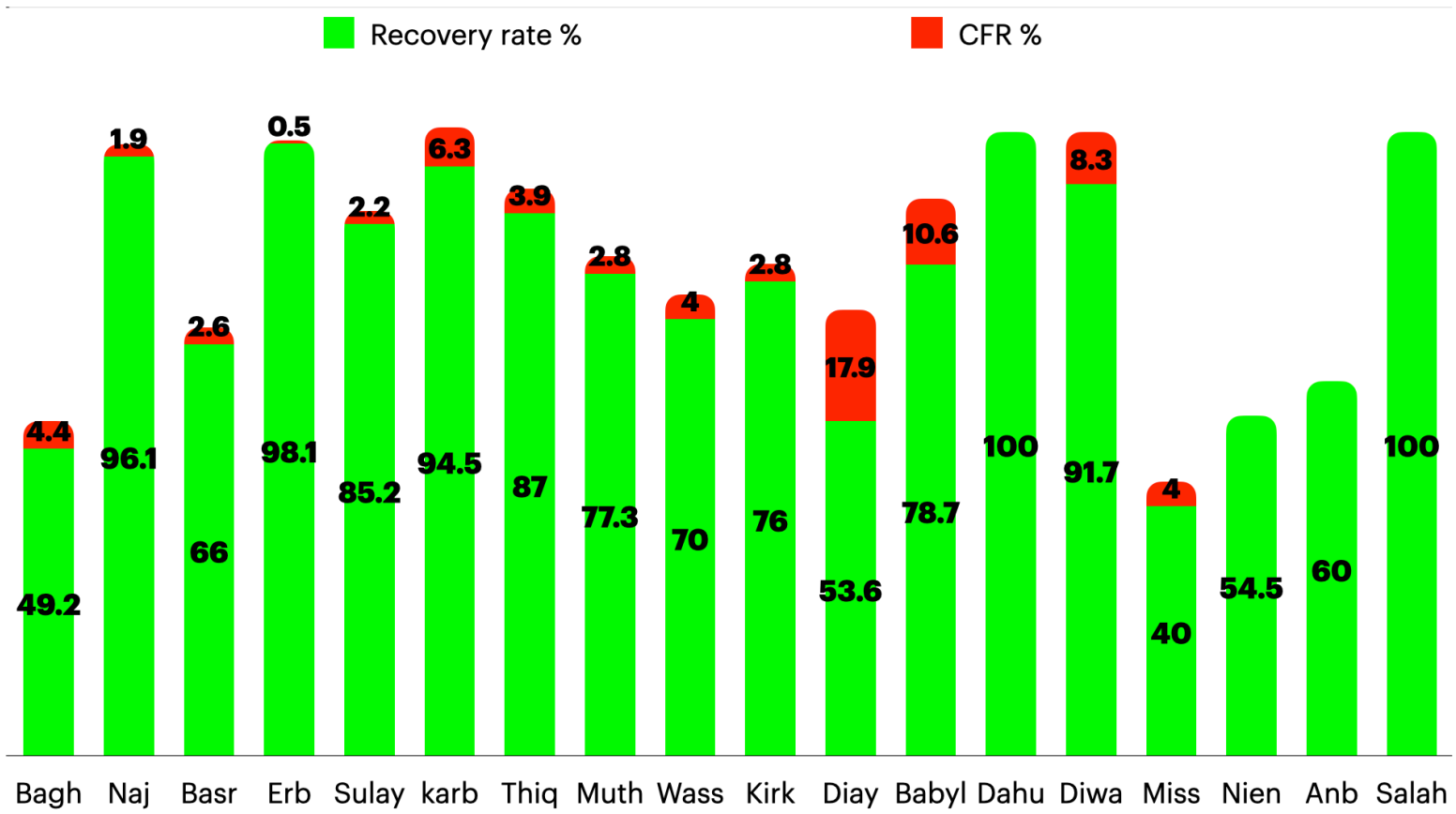

Fig.6 Recovery rate and Case fatality rate CFR - COVID-19 in Iraq

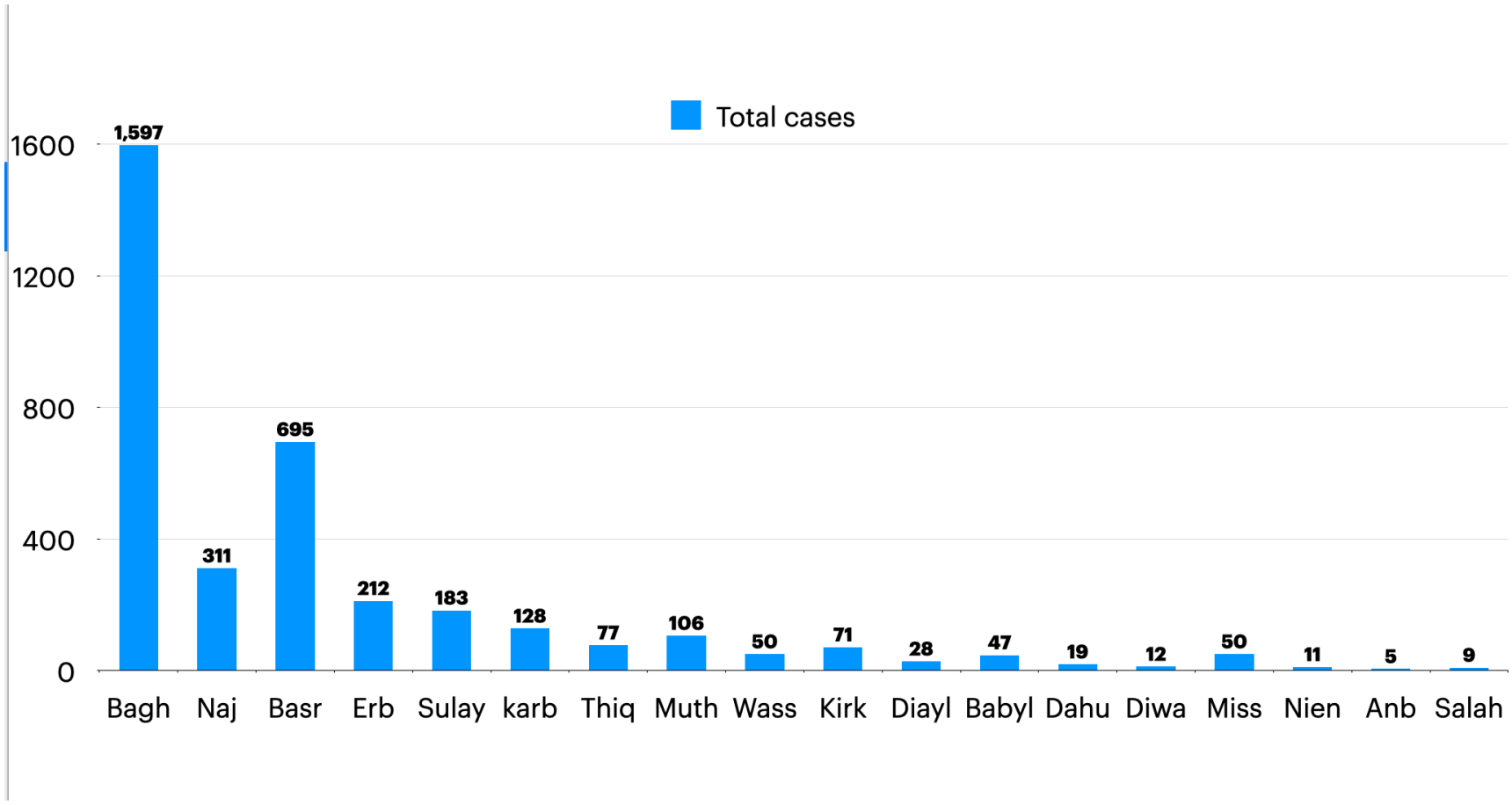

Fig.7 Total COVID-19 cases in Iraq

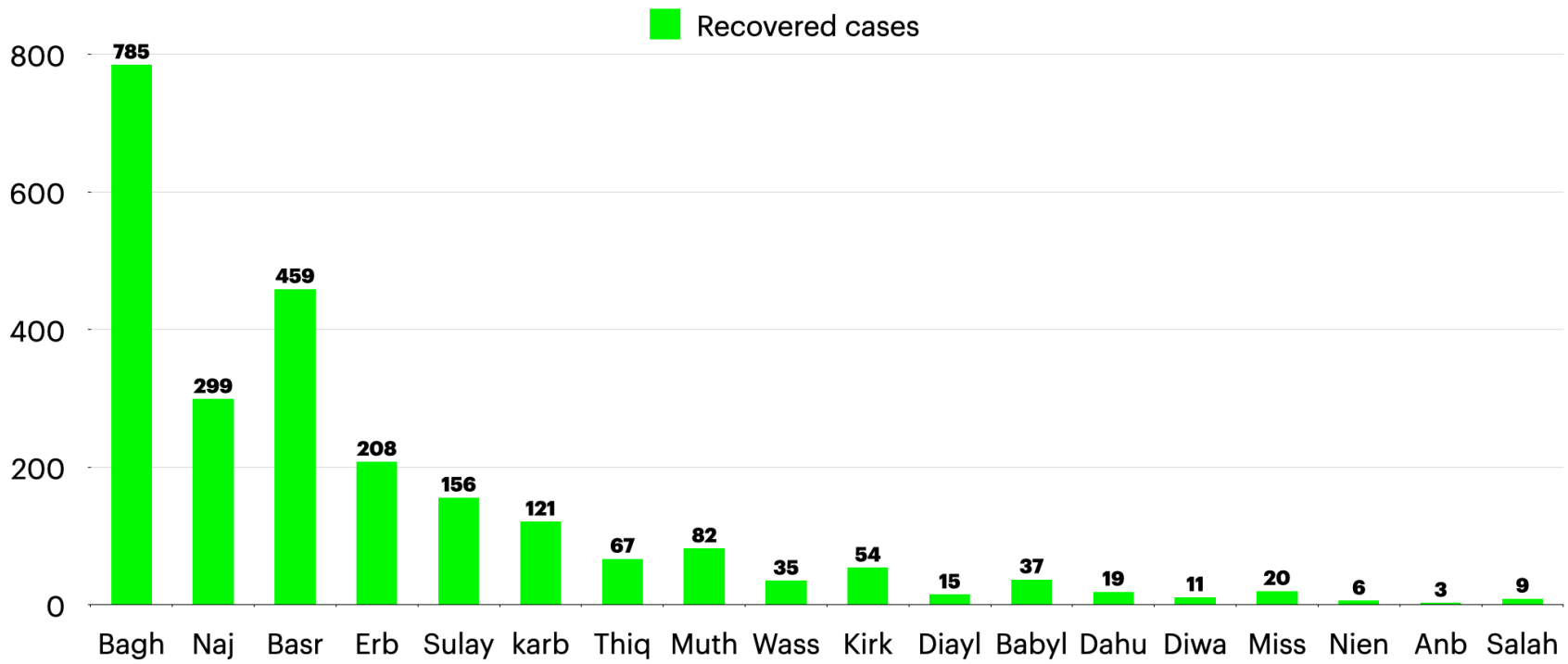

Fig.8 Recovered COVID-19 cases in Iraq

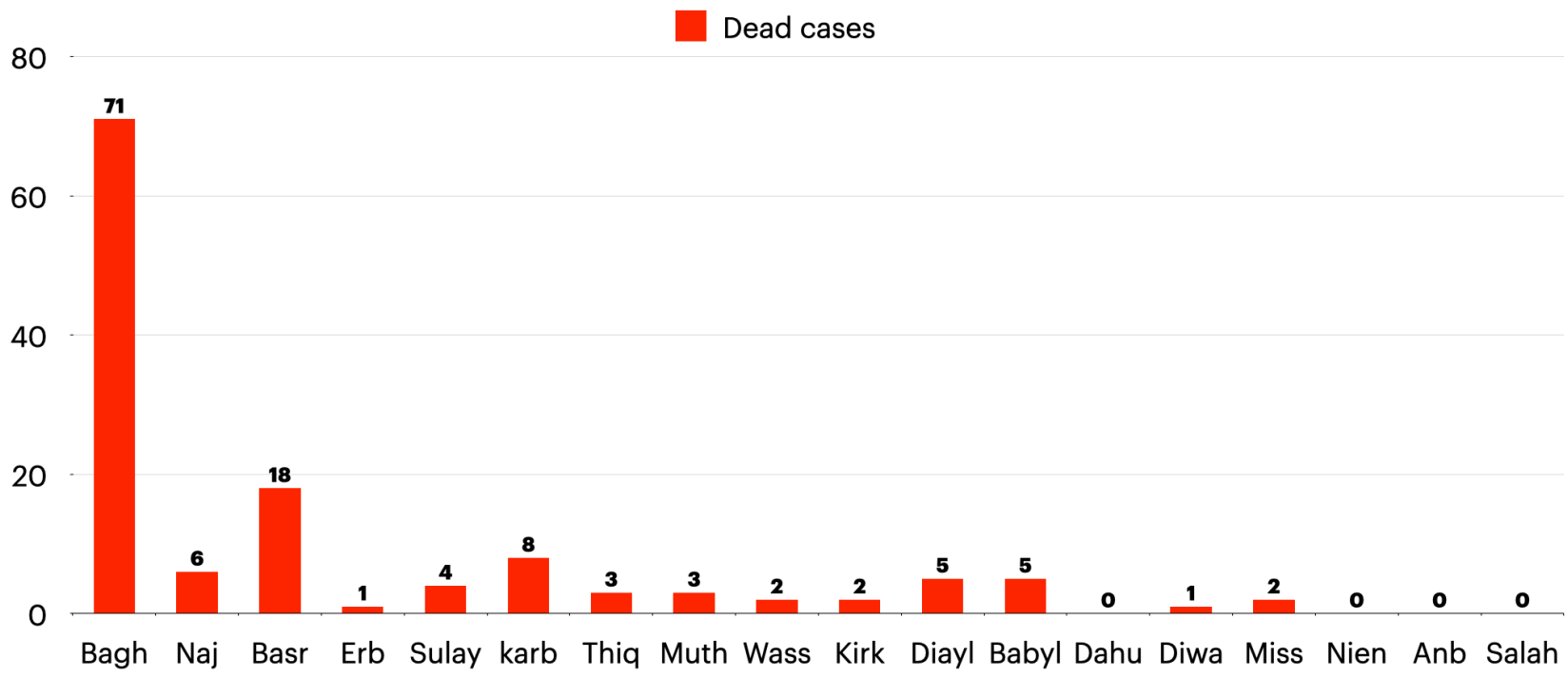

Fig.9 Dead COVID-19 cases in Iraq

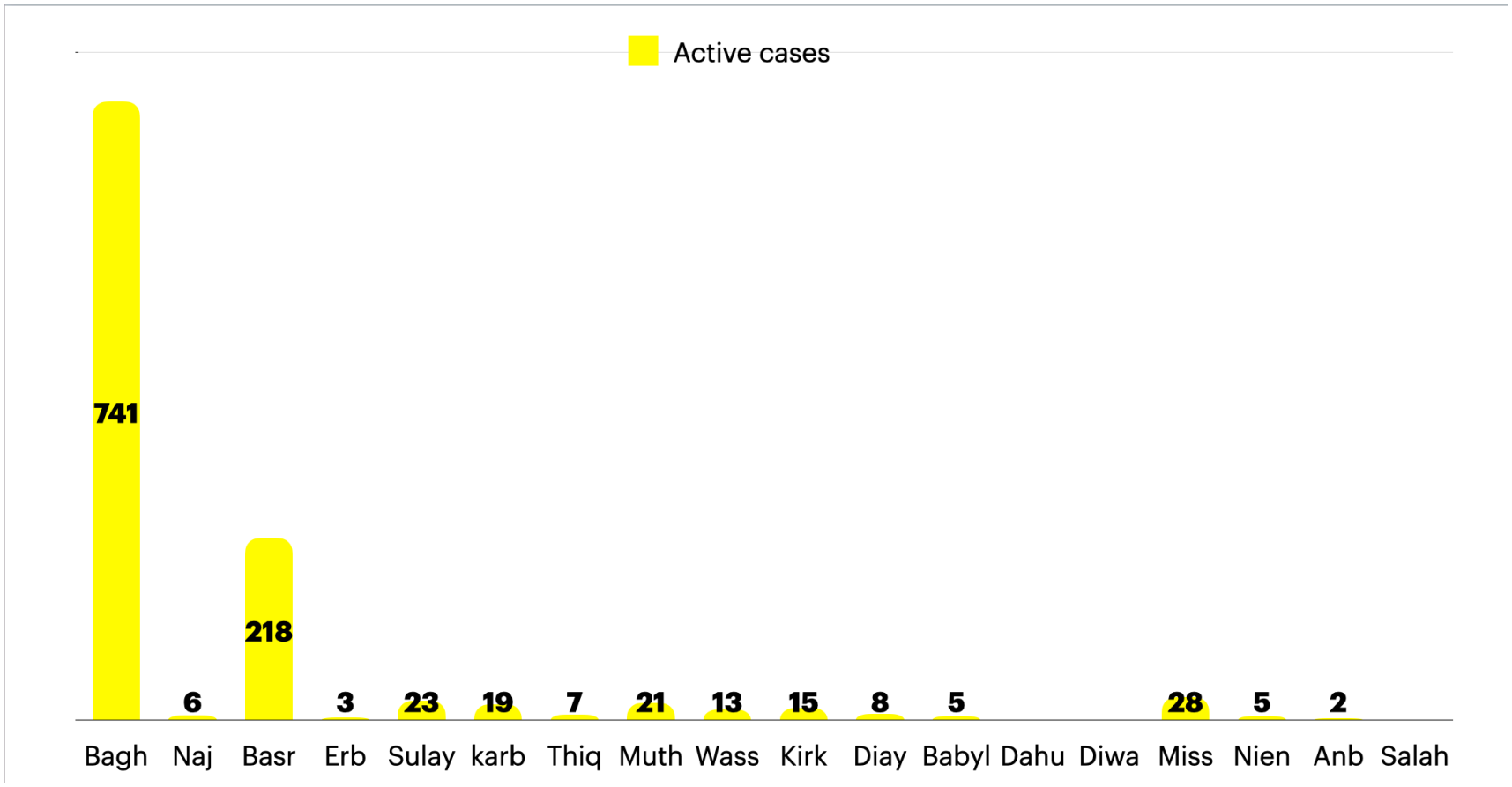

Fig.10 Active COVID-19 cases in Iraq

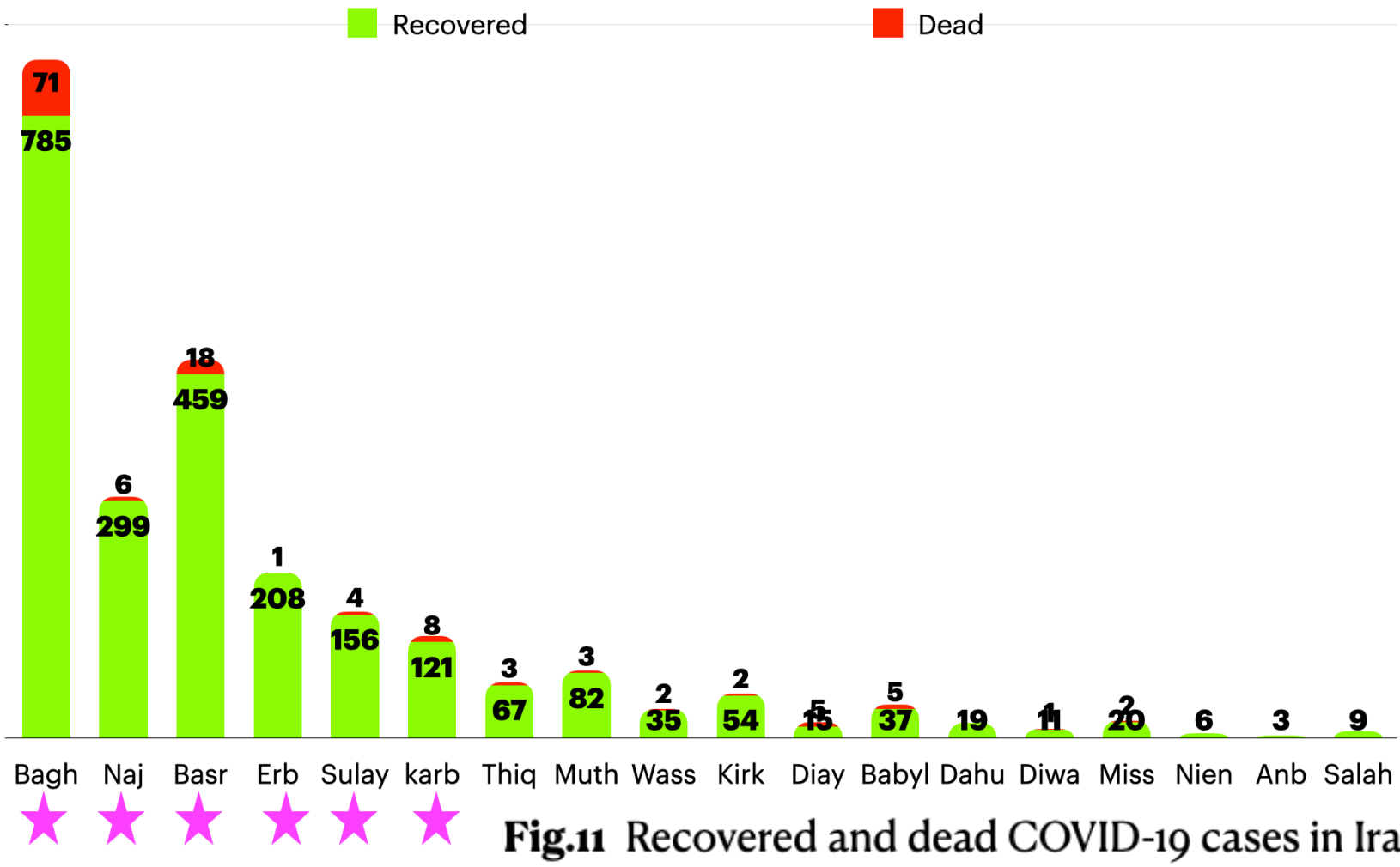

Fig.11 Recovered and dead COVID-19 cases in Iraq

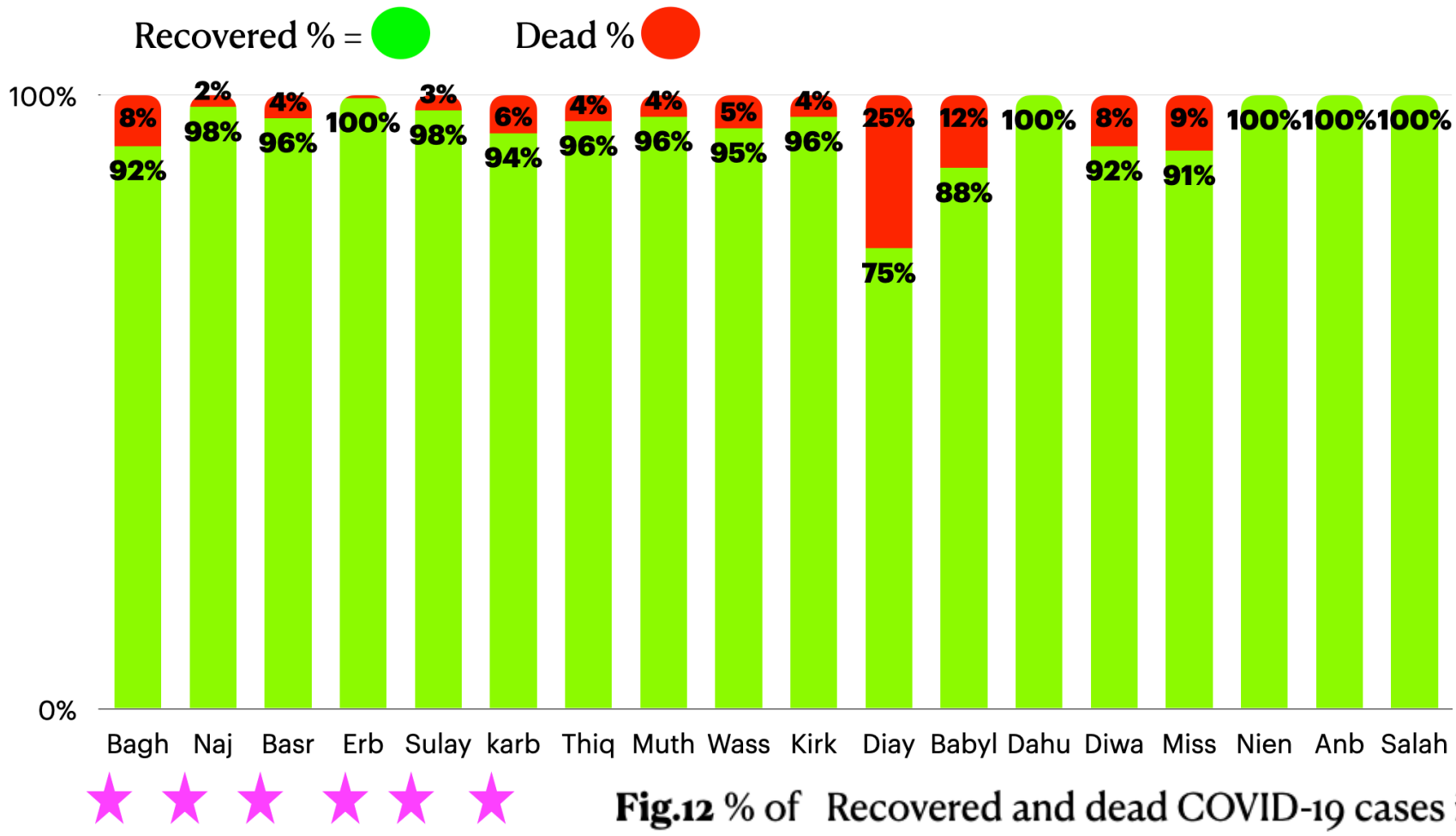

Fig.12 % of Recovered and dead COVID-19 cases in Iraq

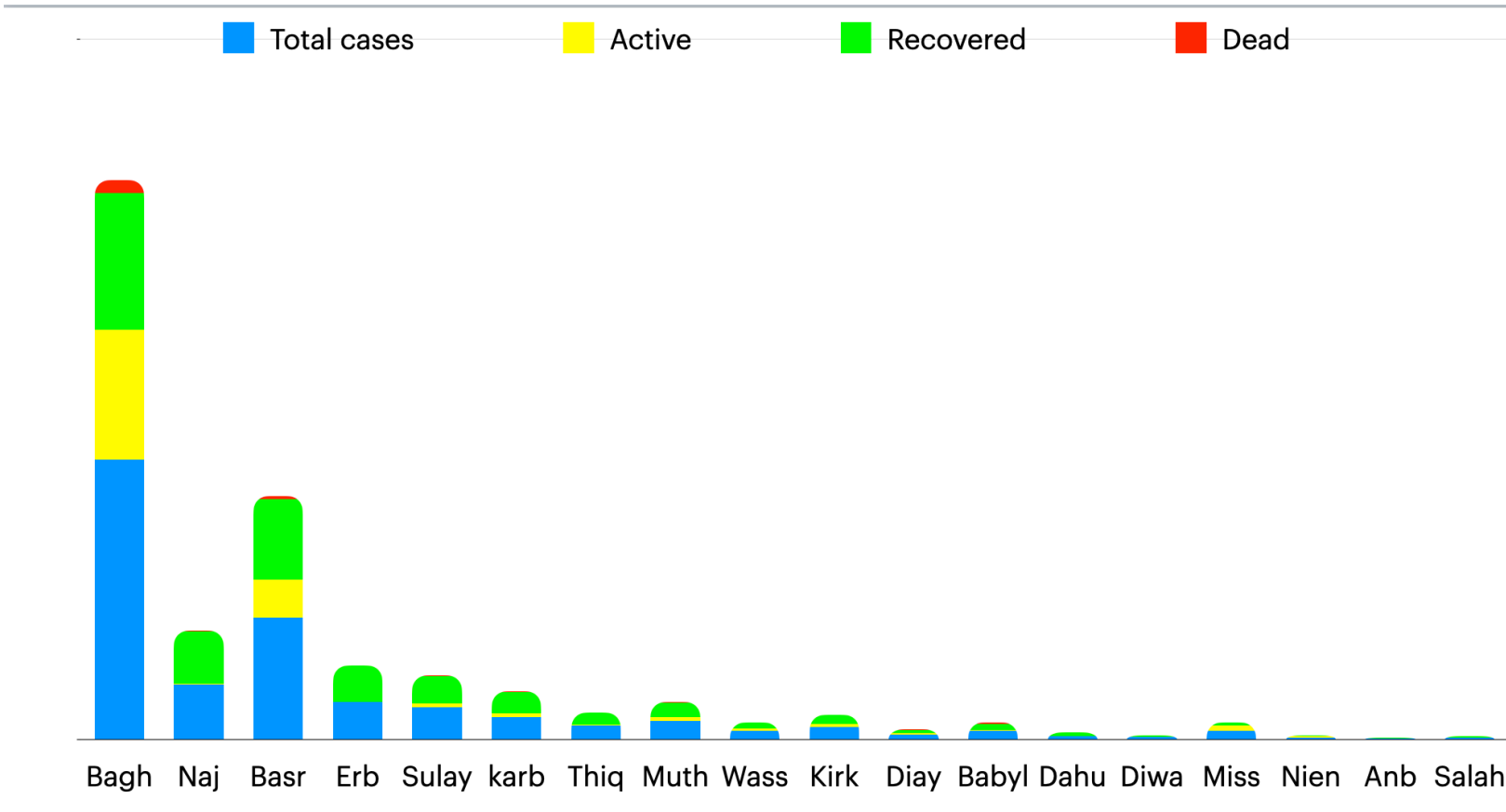

Fig.13 Total, recovered ,dead and active COVID-19 cases in Iraq

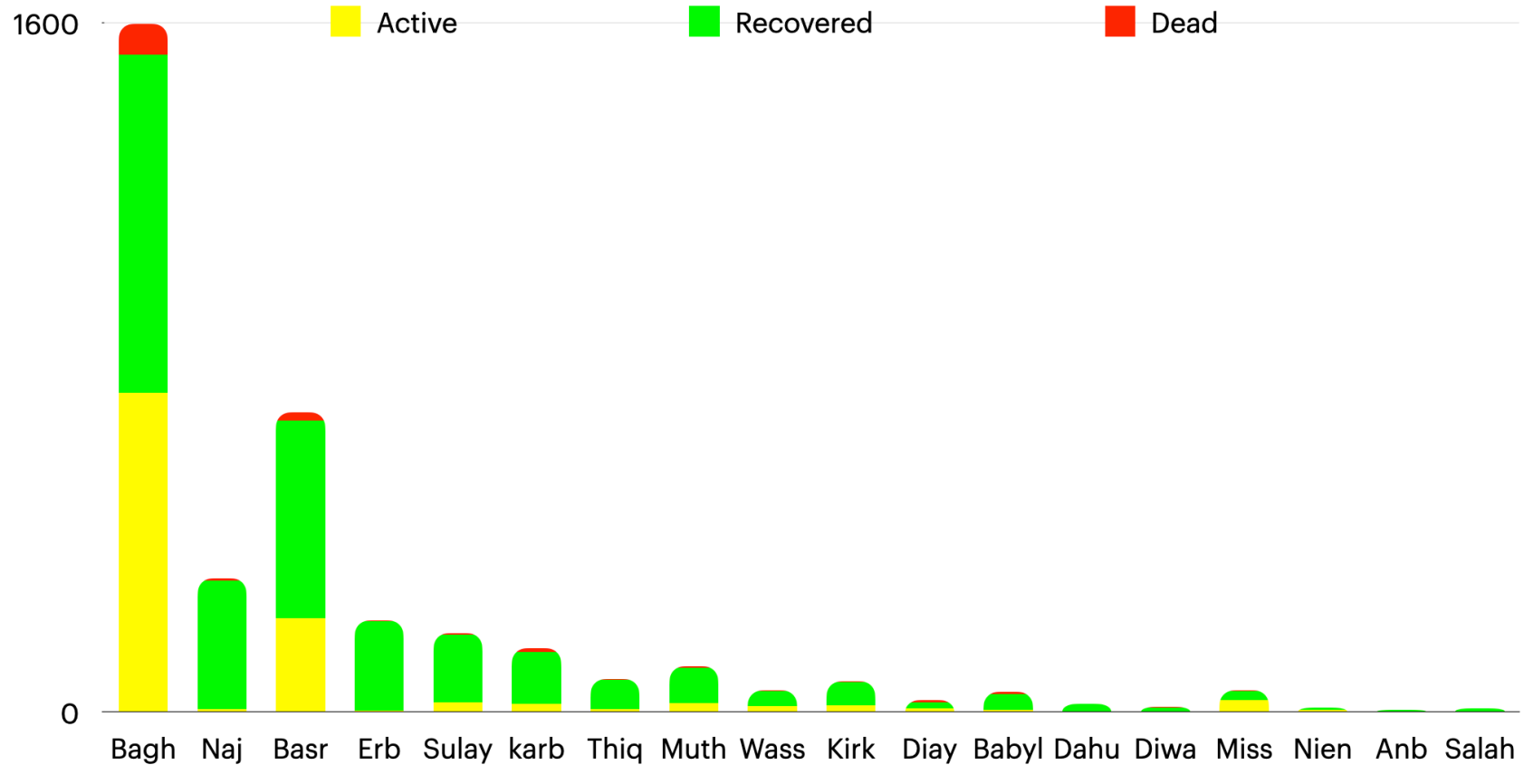

Fig.14 Active , recovered and dead COVID-19 cases in Iraq

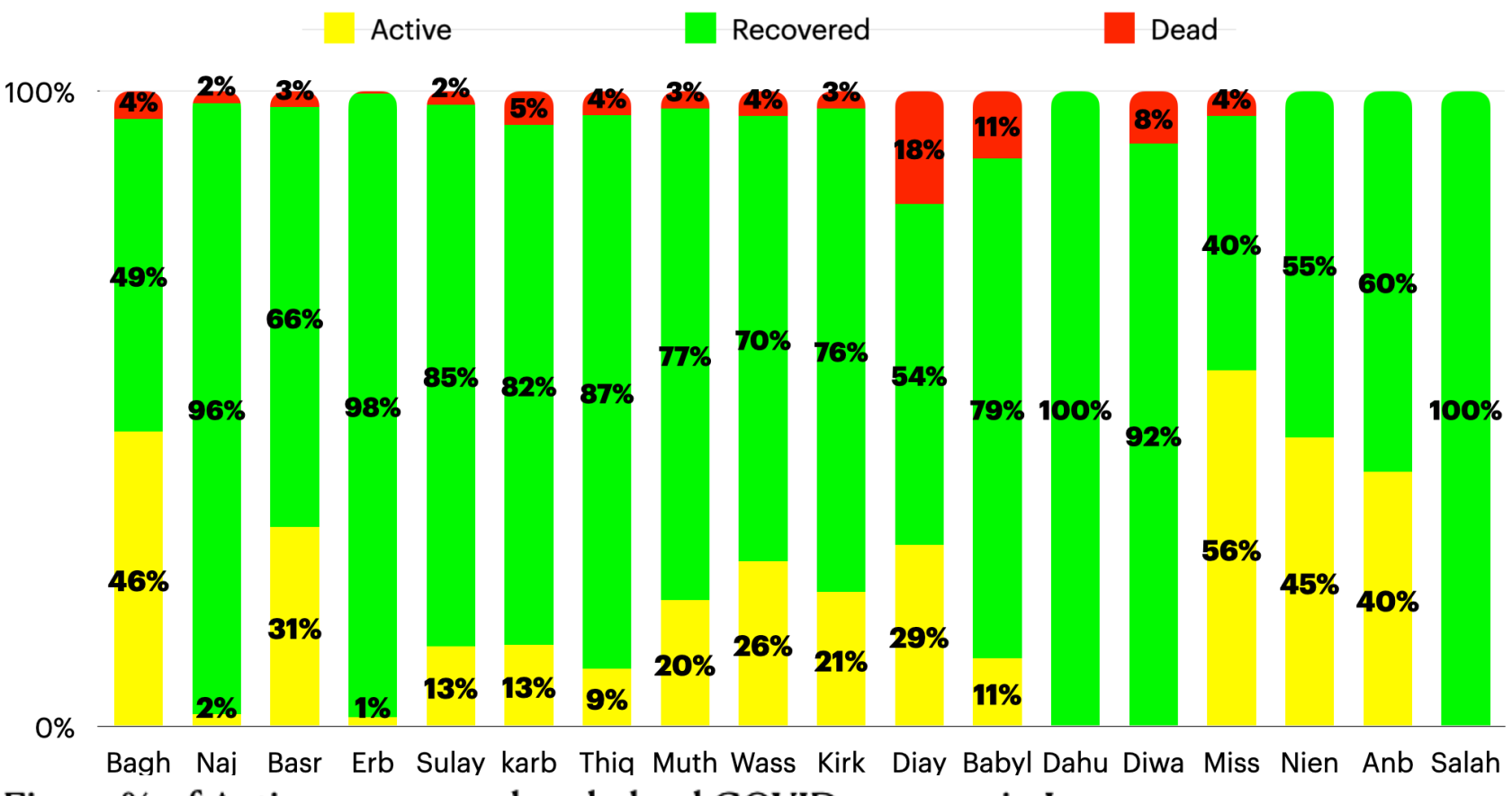

Fig.15 % of Active , recovered and dead COVID-19 cases in Iraq

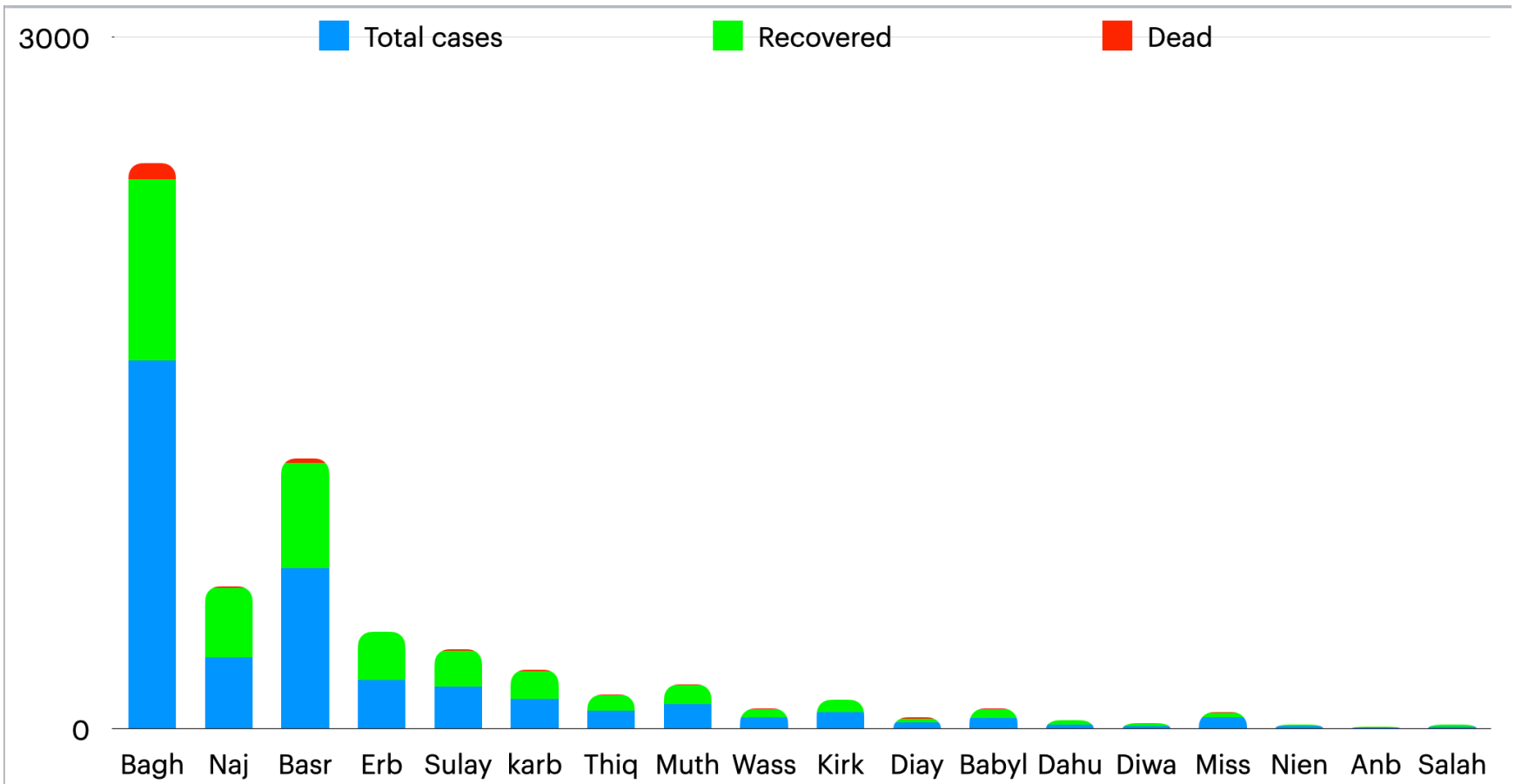

Fig.16 Total, recovered and dead COVID-19 cases in Iraq (stacked column)

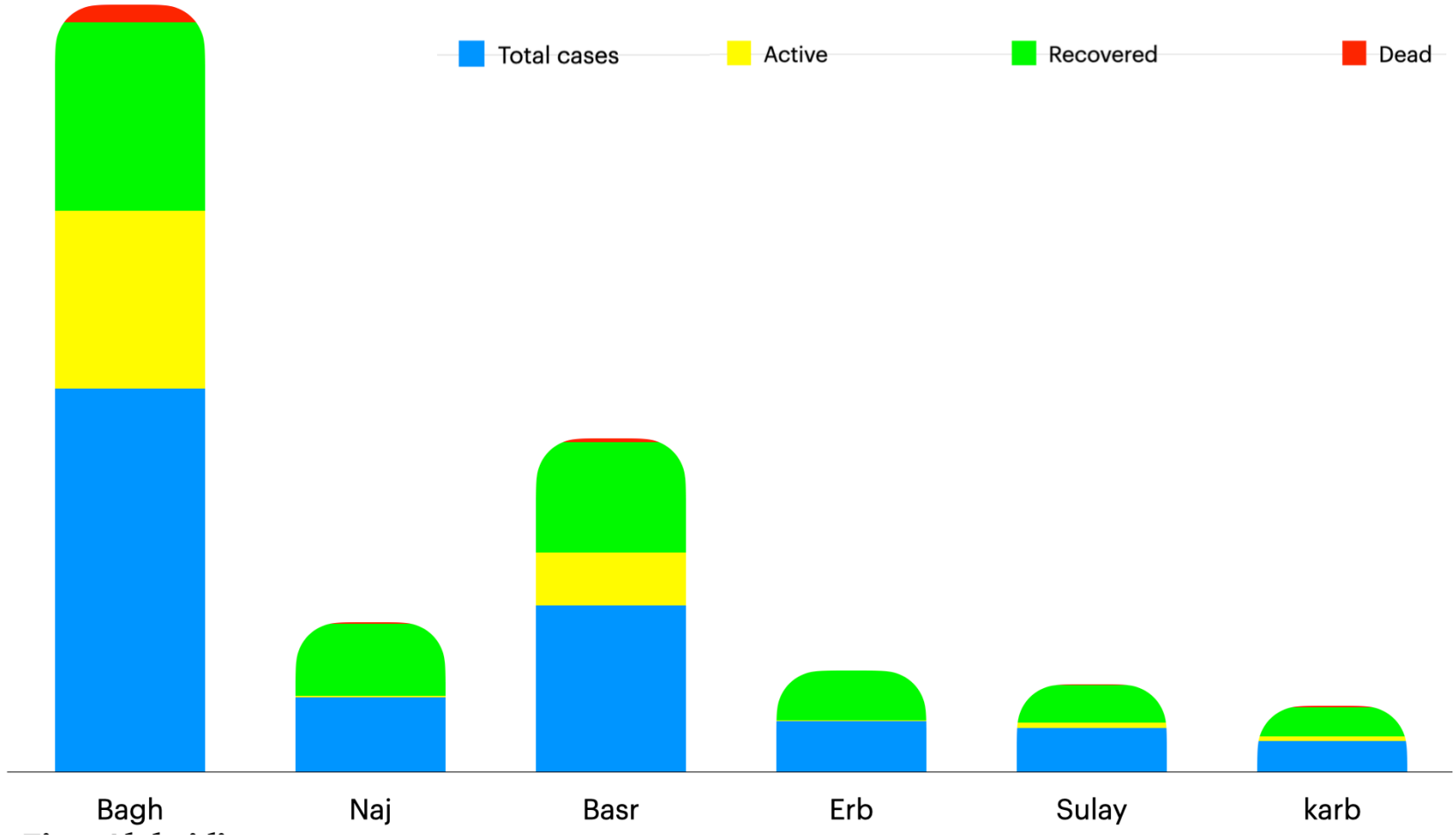

Fig.17 Total, recovered ,dead and active COVID-19 cases in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

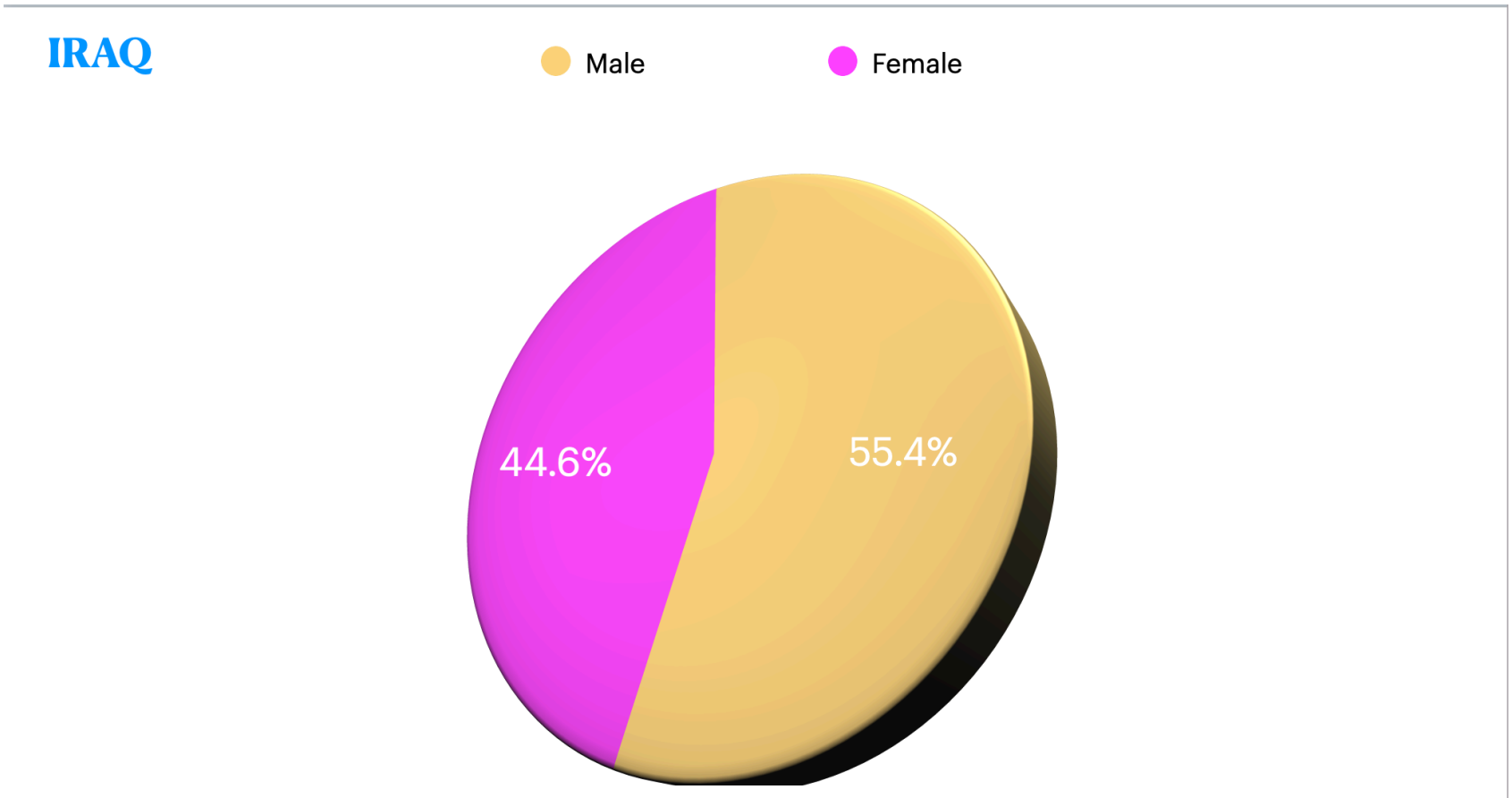

Fig.18 % of male and female - COVID-19 cases in Iraq

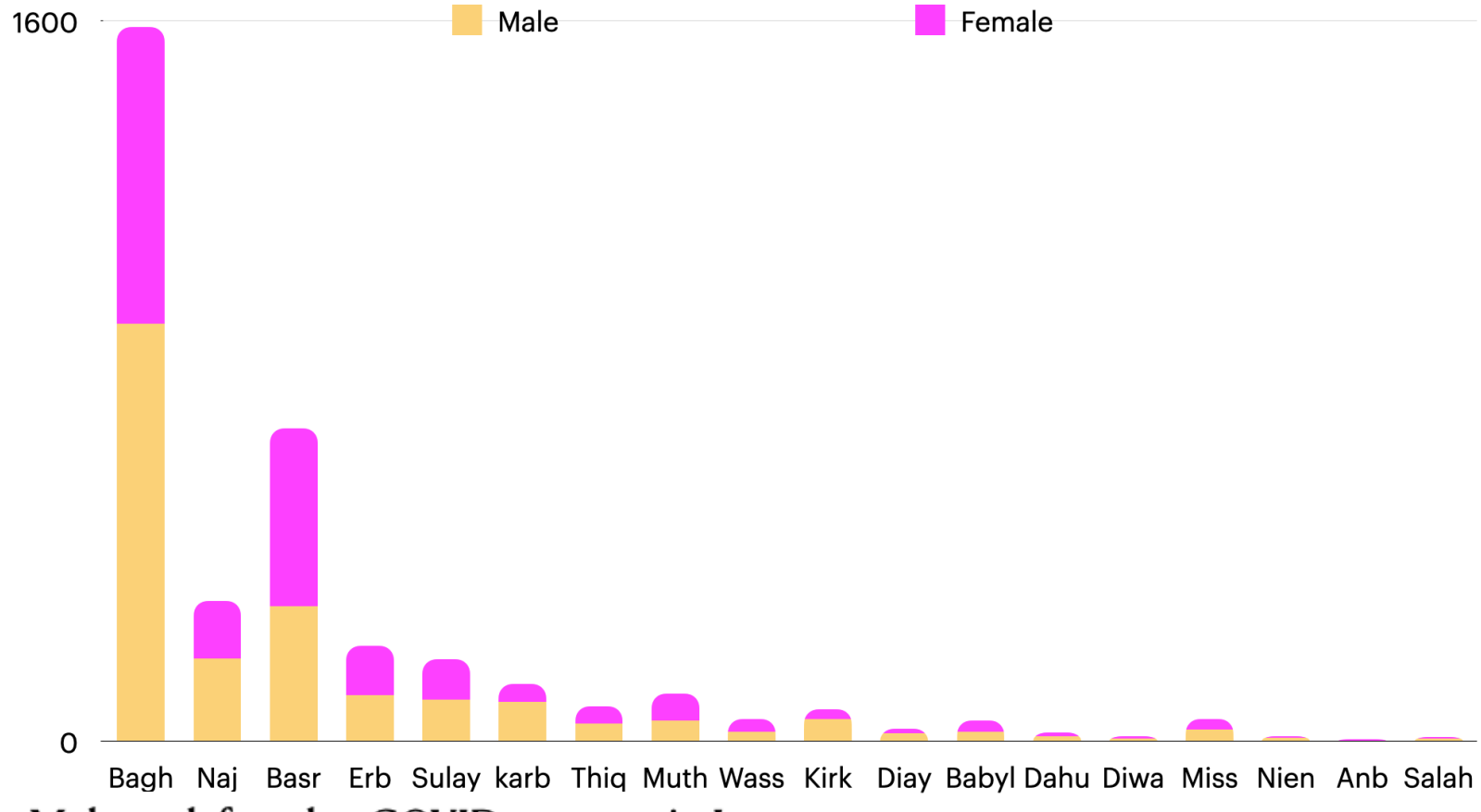

Fig.19 Male and female - COVID-19 cases in Iraq

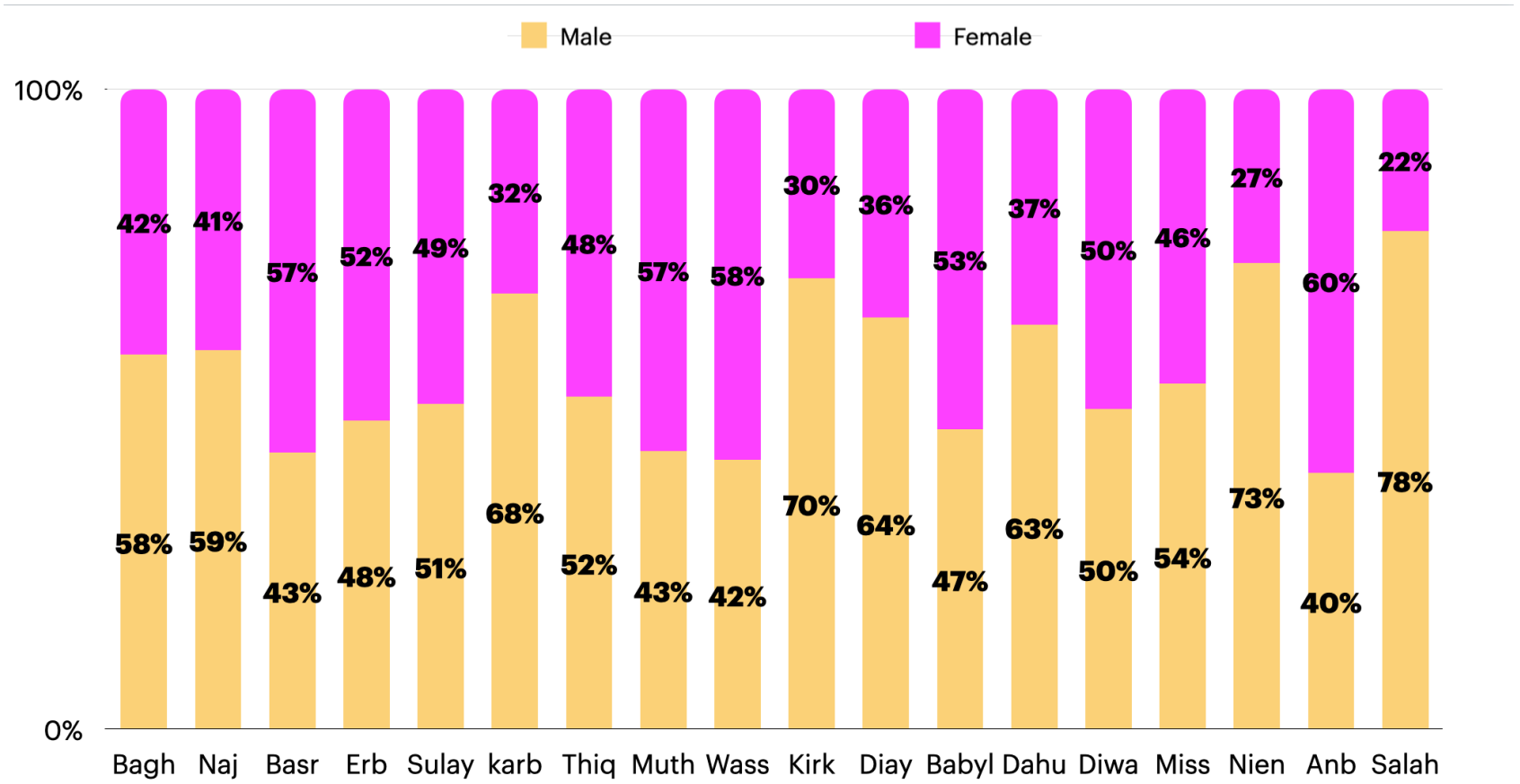

Fig.20 % of male and female - COVID-19 cases in Iraq (stacked column)

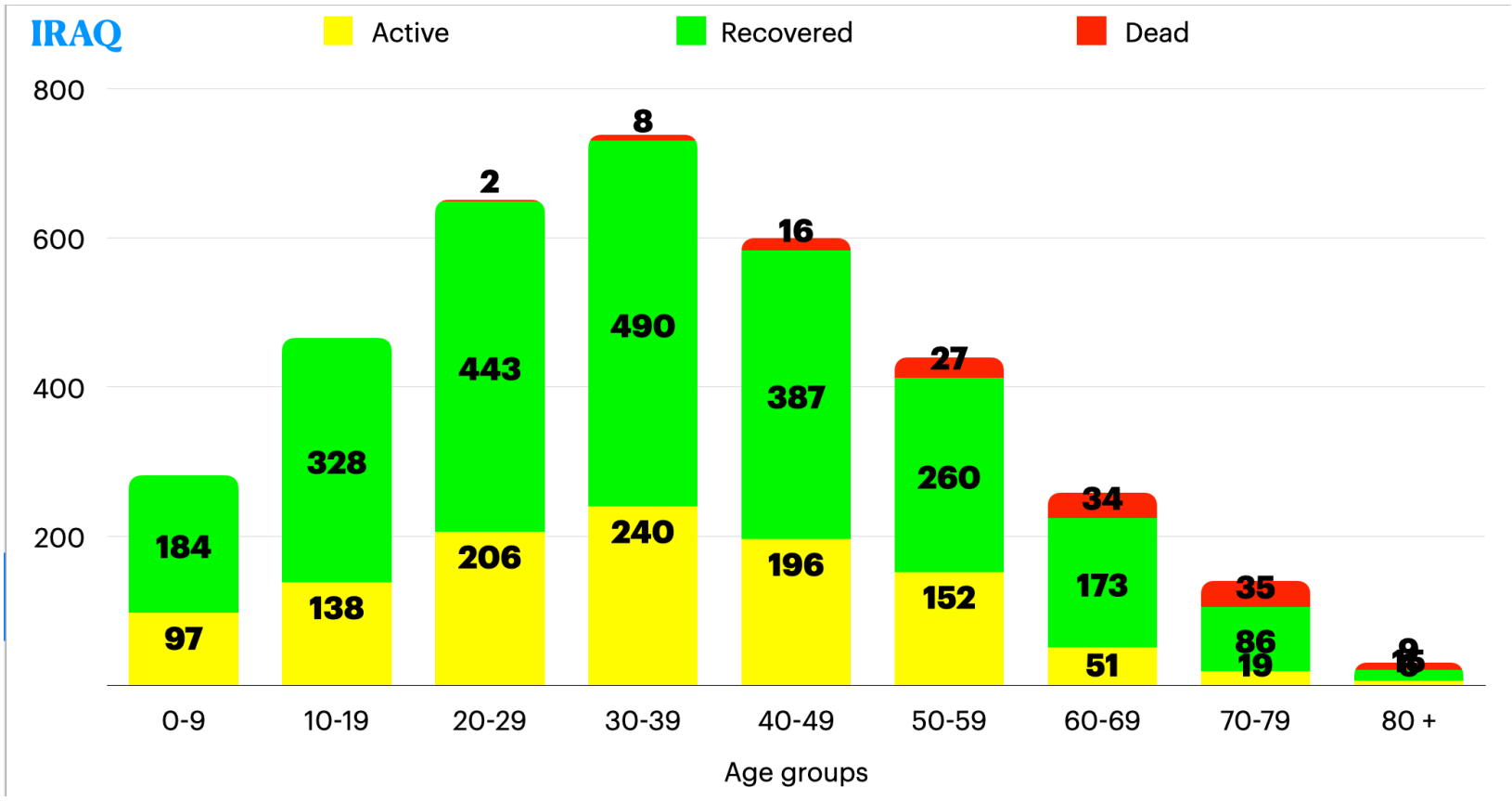

Fig.21 Active , recovered and dead COVID-19 cases among different age groups in Iraq **Note** = 11 cases ?

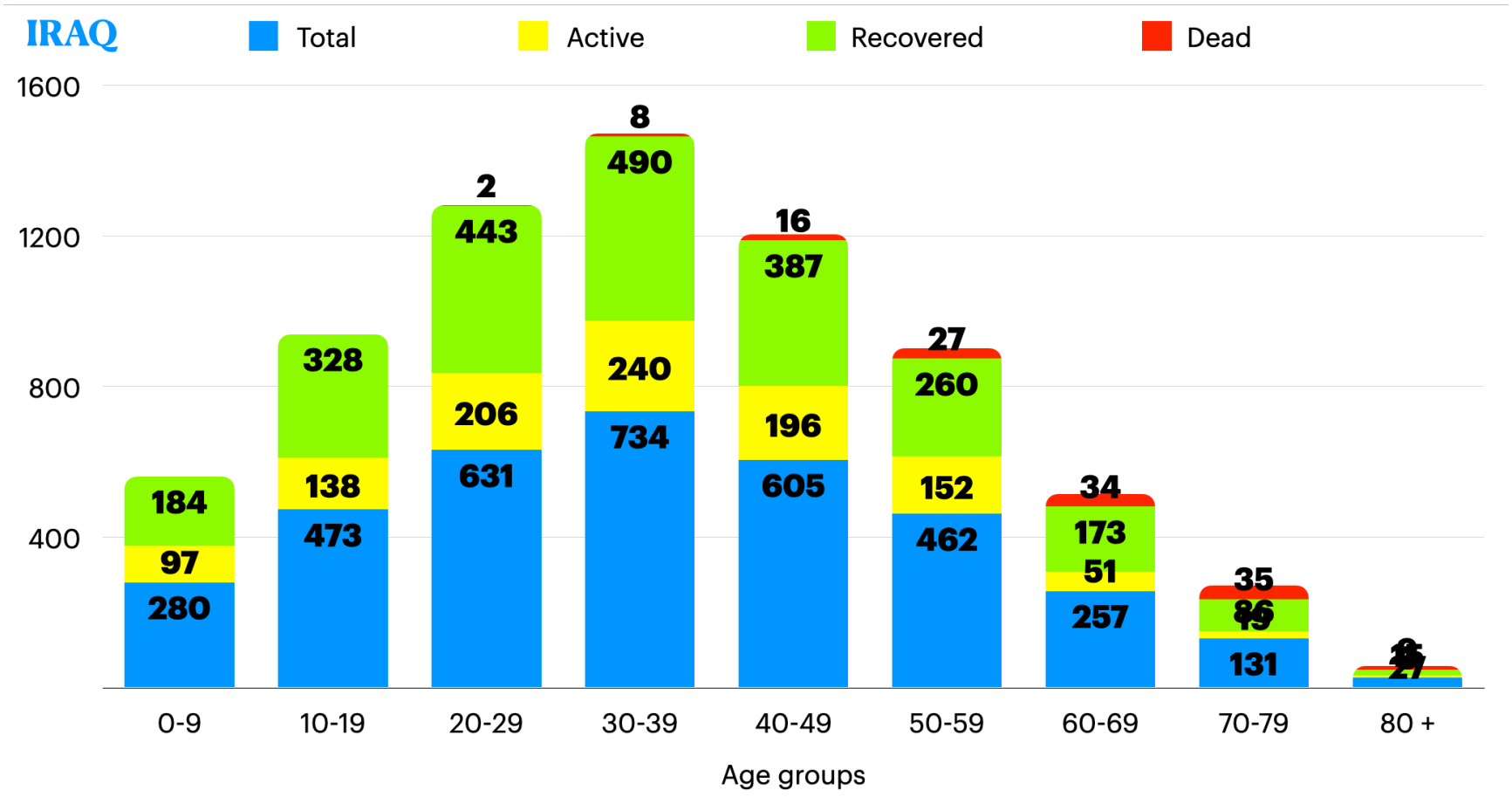

Fig.22 Total ,active , recovered and dead COVID-19 cases among different age groups in Iraq

Note = 11 cases ?

Table 2 Total, active, recovered and dead COVID-19 cases among different age groups in Iraq, with male and female distribution (1)

	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80 +
Total	280	473	631	734	605	462	257	131	27
Active	97	138	206	240	196	152	51	19	6
recovred	184	328	443	490	387	260	173	86	15
dead	0	0	2	8	16	27	34	35	9

	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80 +
total cases	280	473	631	734	605	563	255	131	27
male	136	223	319	423	363	354	144	75	14
female	144	250	312	311	242	209	111	56	13

	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80 +
total deaths	0	0	2	8	16	28	34	34	9
male deaths	0	0	0	5	10	18	26	22	8
female deaths	0	0	2	3	6	10	8	12	1

Reference-1

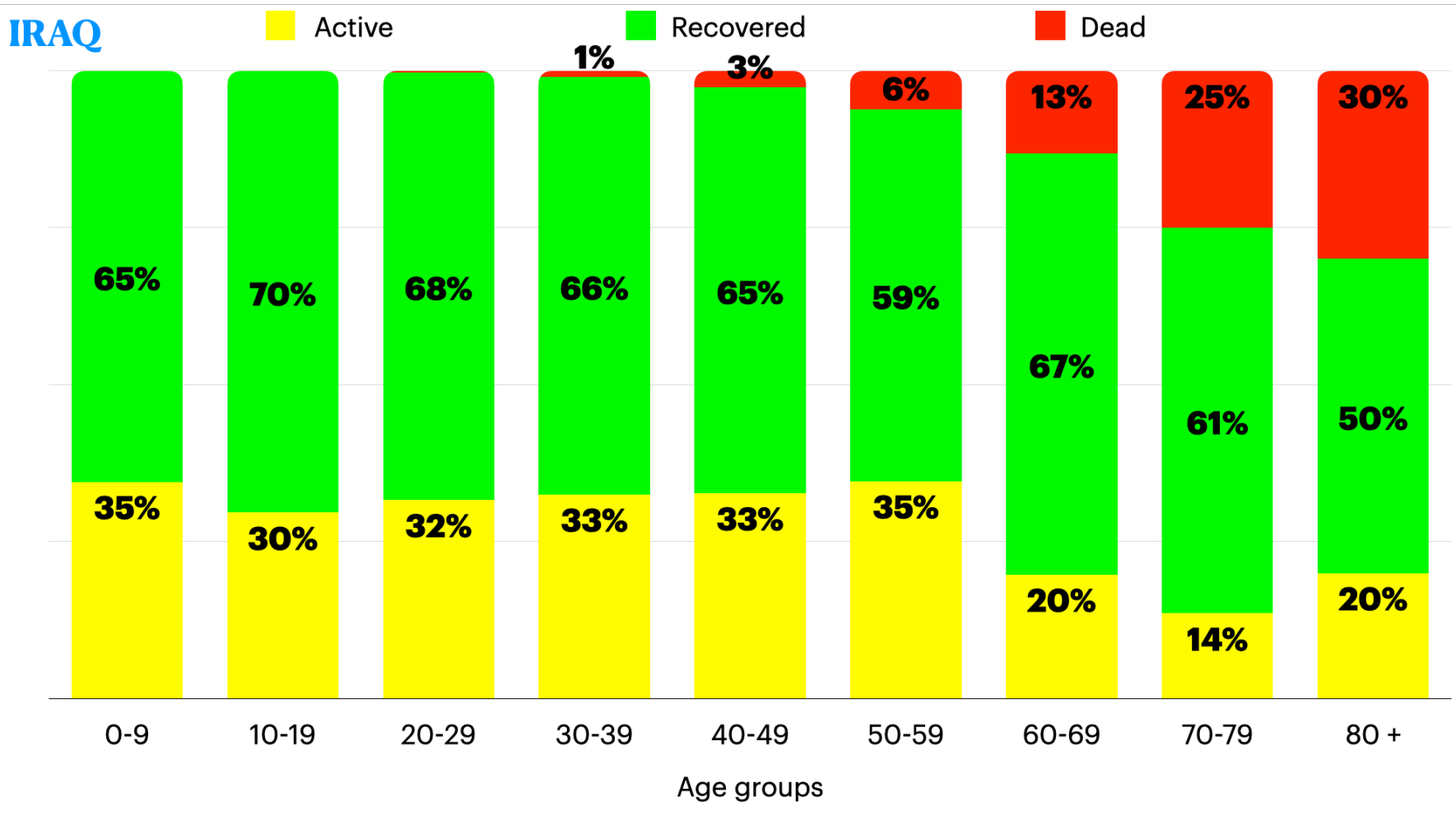

Fig.23 % of active , recovered and dead COVID-19 cases among different age groups in Iraq

Note = 11 cases ?

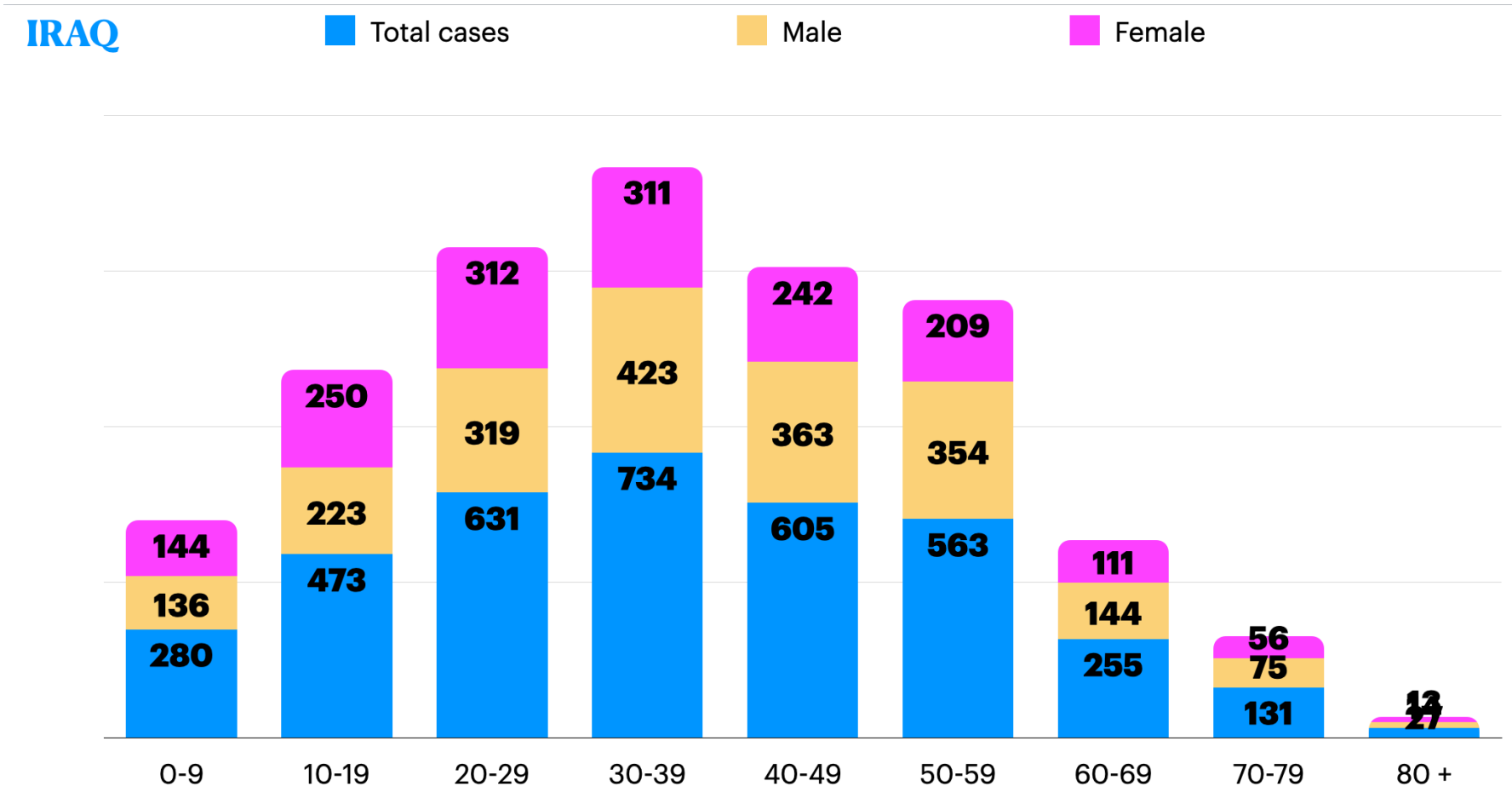

Fig.24 Total, Male and female - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

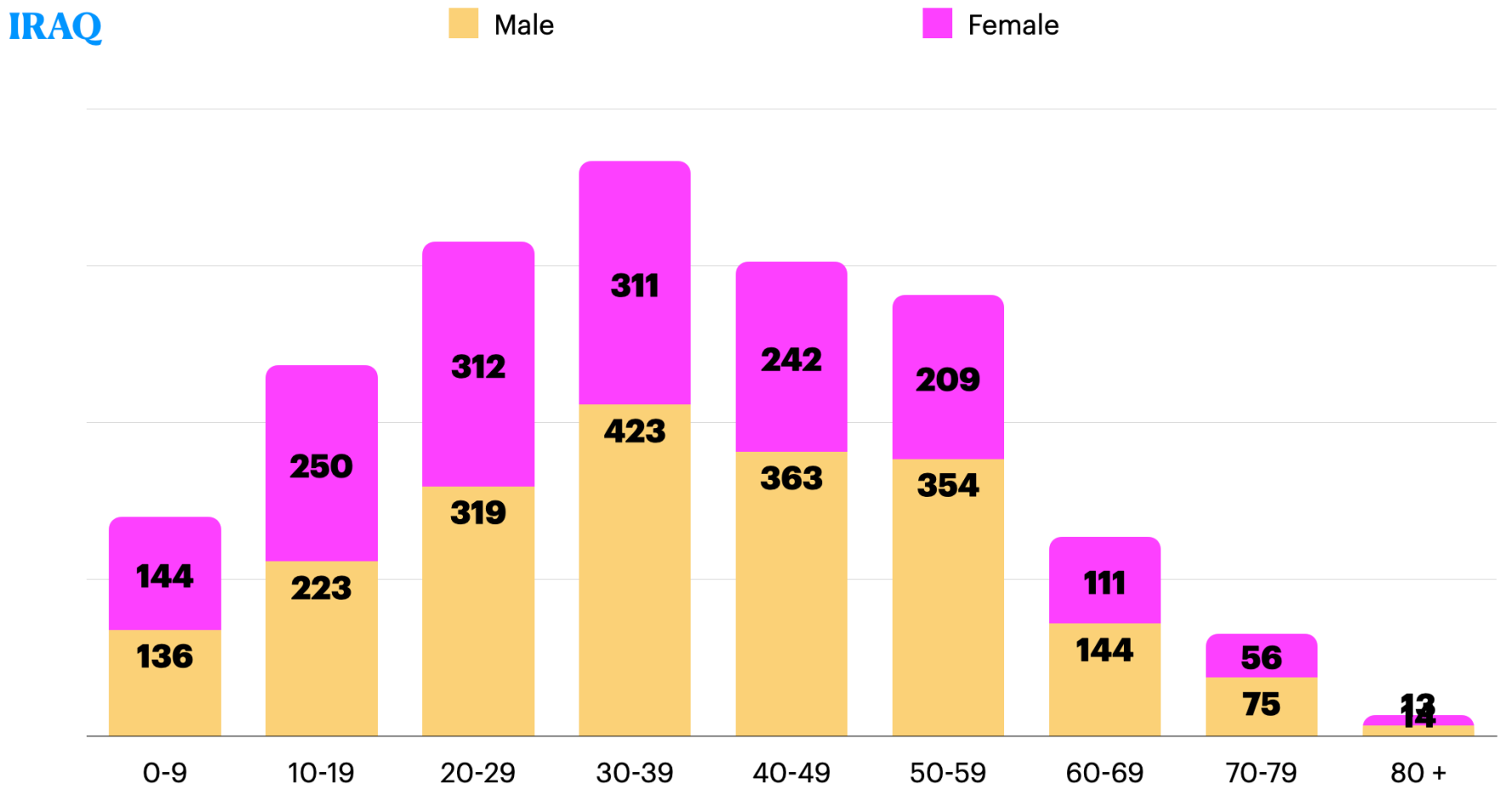

Fig.25 Male and female - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

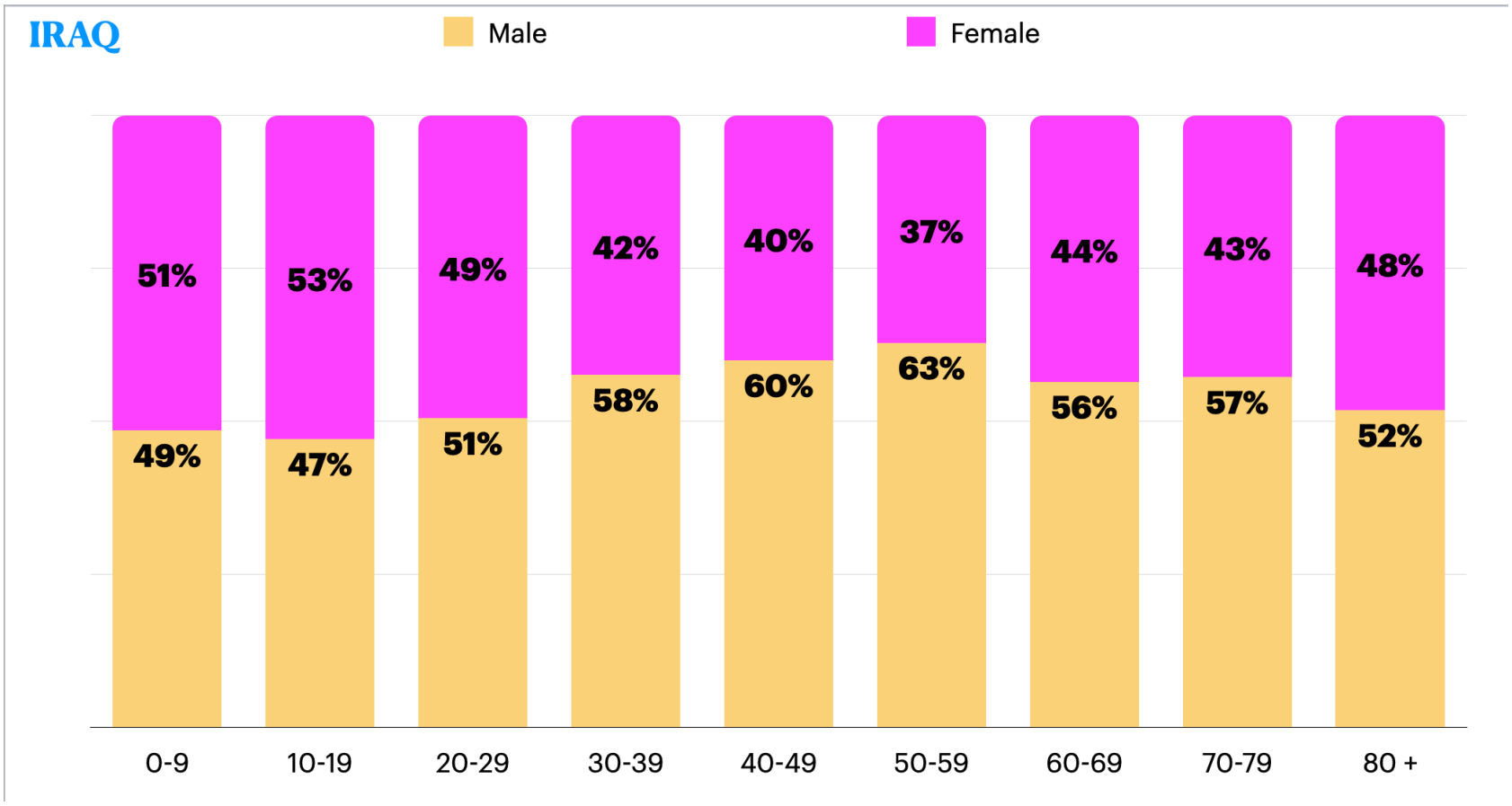

Fig.26 % of Male and female - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

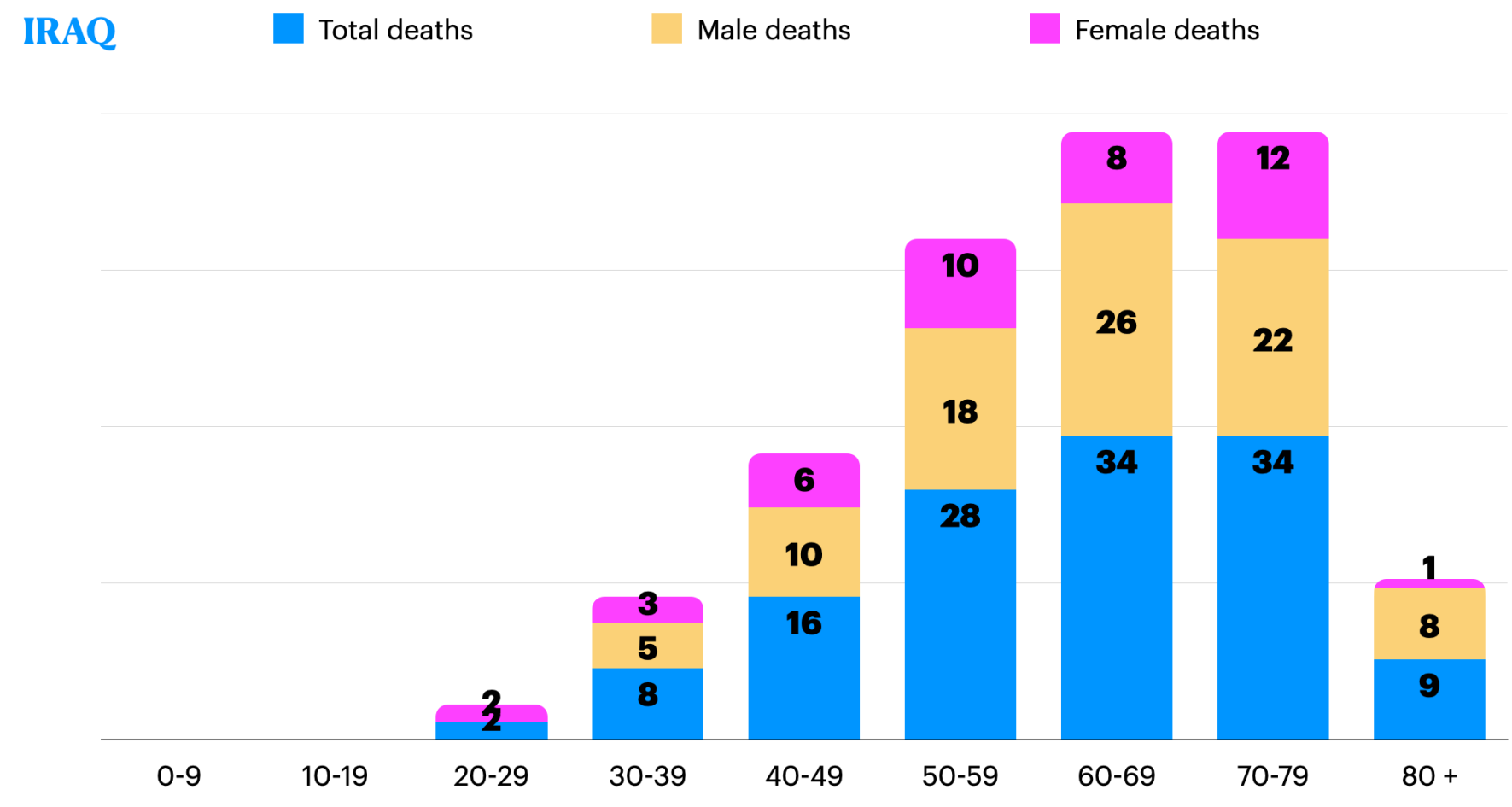

Fig.27 Total deaths Male deaths and female deaths - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

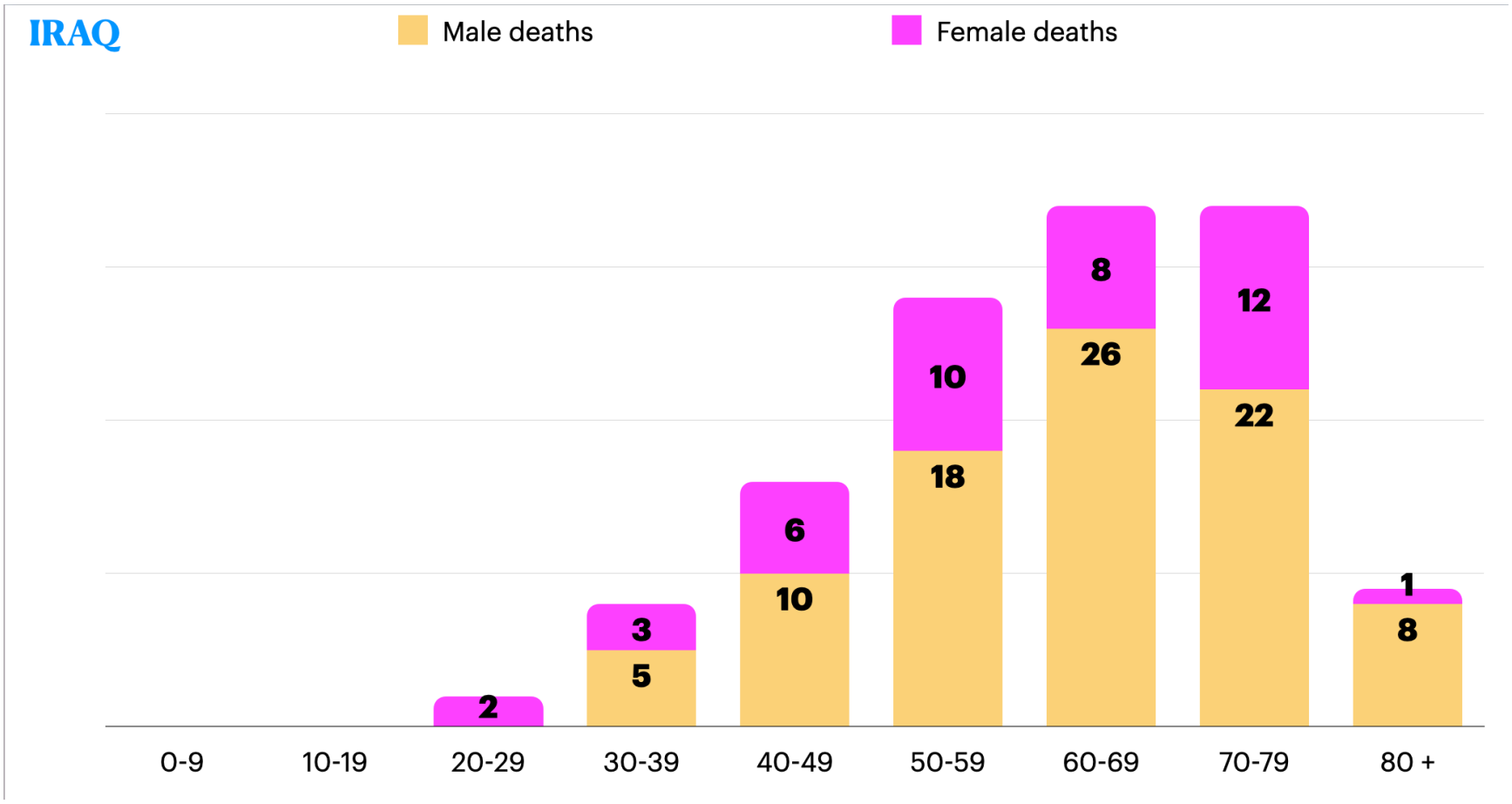

Fig.28 Male deaths and female deaths - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

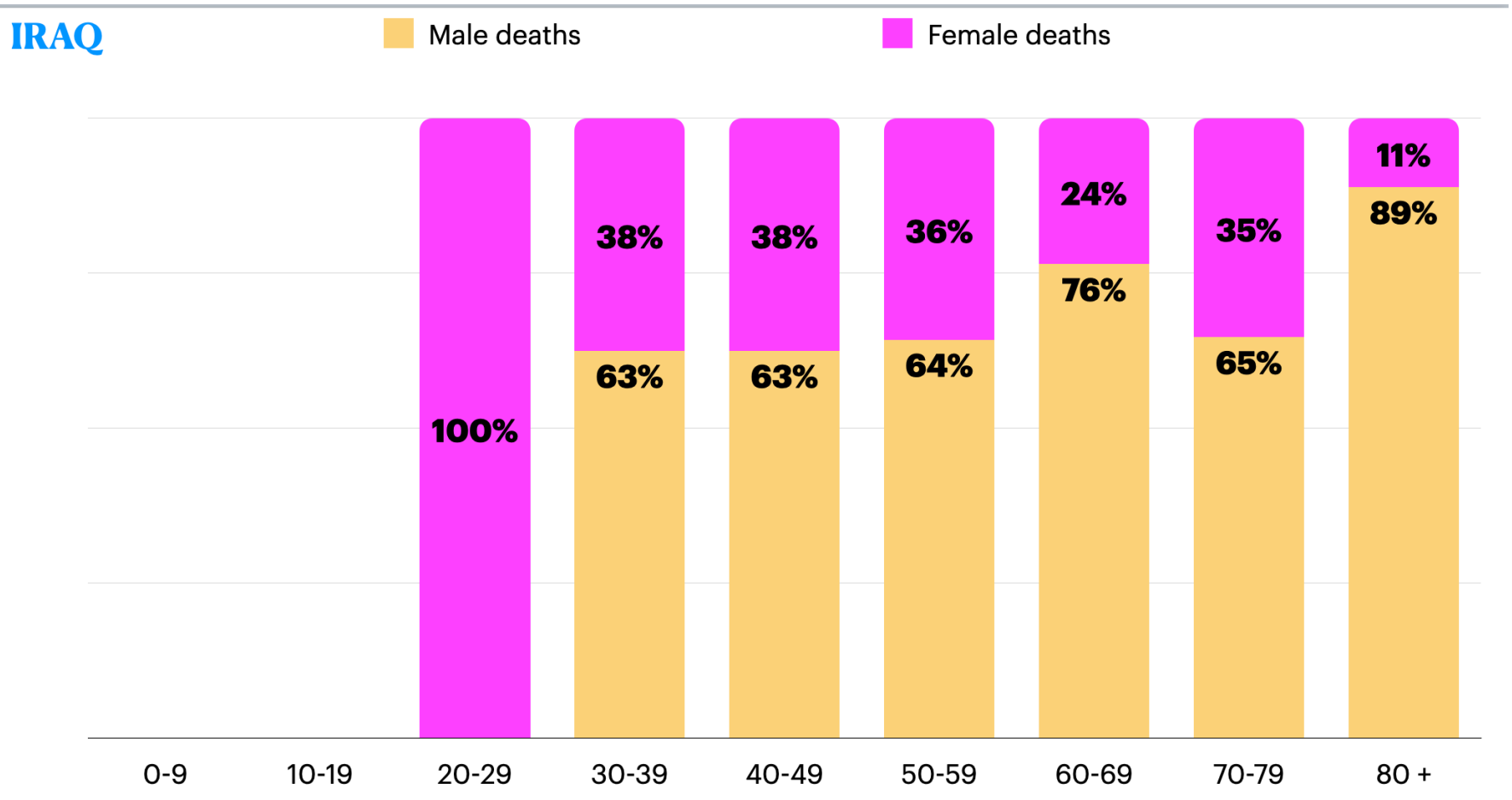

Fig.29 % of Male deaths and female deaths - COVID-19 cases among different age groups in Iraq (stacked column)

Note = 11 cases ?

IRAQ

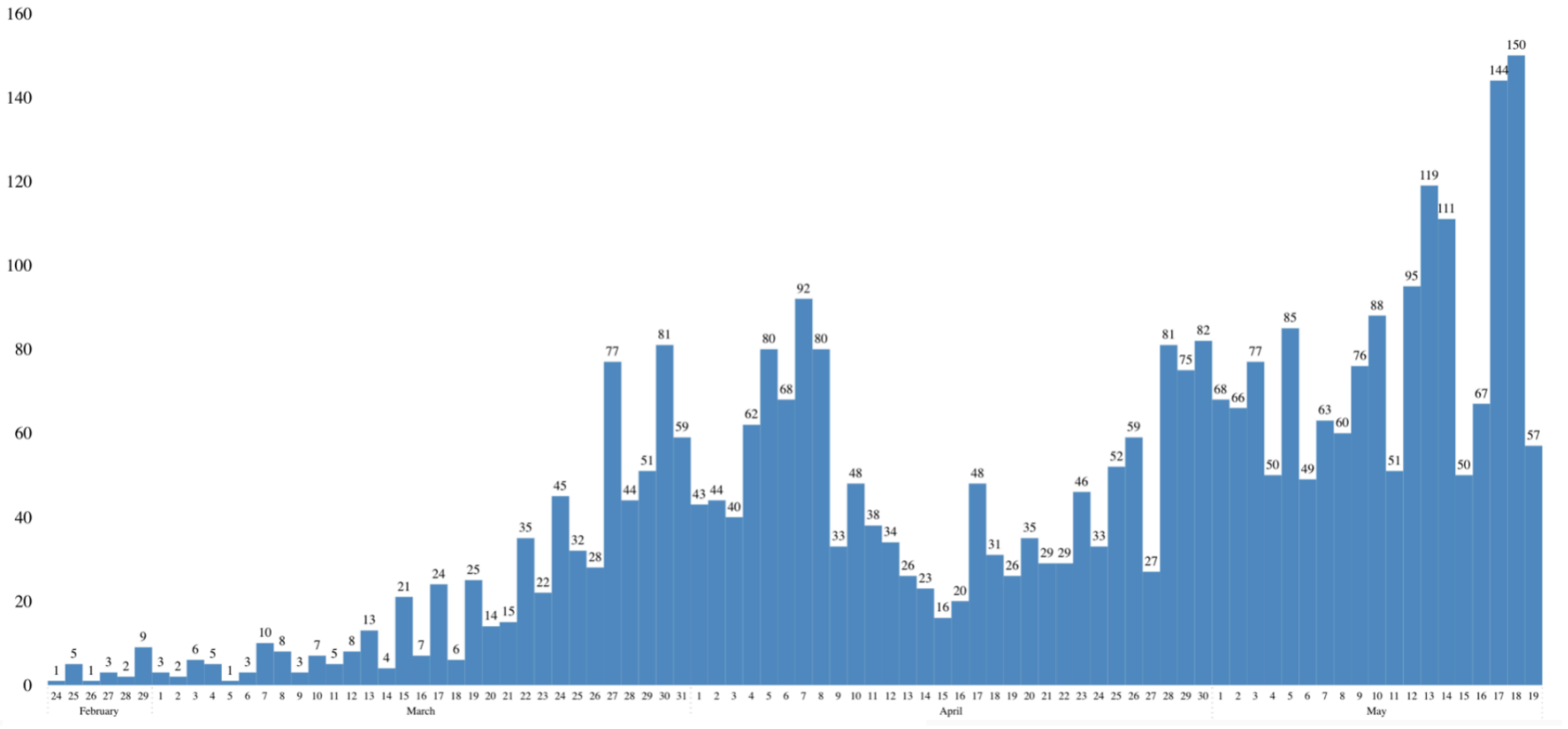

Fig.30 Daily new cases - COVID-19 in Iraq (1)

IRAQ

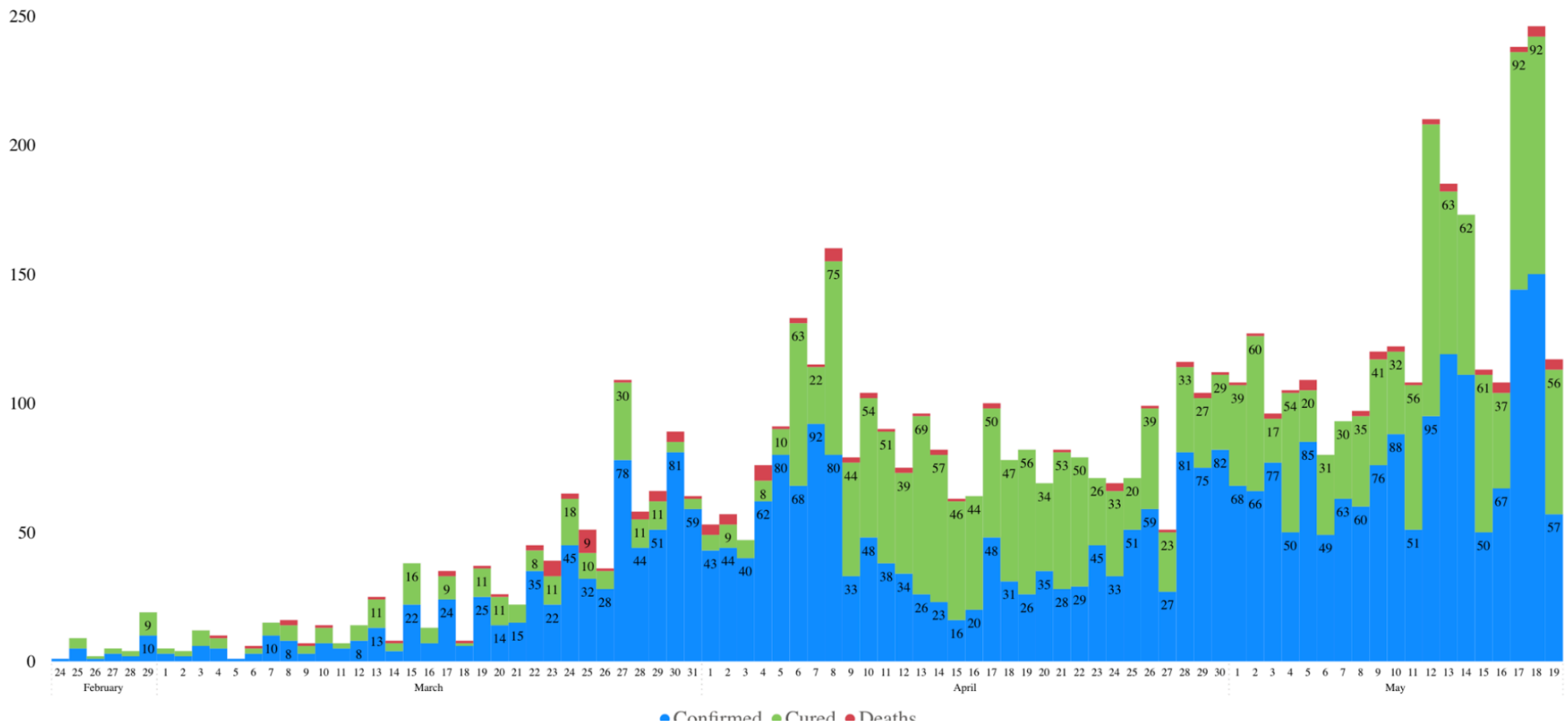

Fig.31 Daily new cases, recovery and deaths - COVID-19 in Iraq (1)

IRAQ

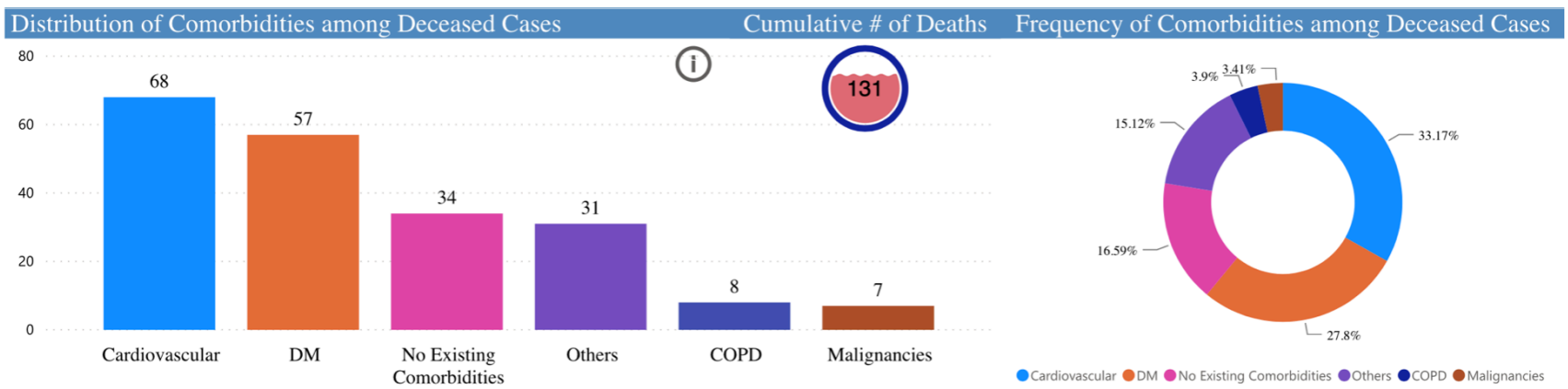

Fig.32 Co-morbidities among dead cases - COVID-19 in Iraq (1)

Table 3 COVID-19 cases among different age groups in Iraq (1)

Age	Bagh	Naj	Basr	Erb	Sulay	Karb	Thiq	Muth	Wass
0-9	102	31	57	28	15	5	9	14	3
10-19	187	47	104	37	25	6	10	17	9
20-29	250	60	120	34	43	25	19	13	13
30-39	346	73	116	54	31	28	12	22	2
40-49	297	45	118	25	27	15	14	22	8
50-59	238	25	108	12	17	17	7	5	7
60-69	114	19	30	15	21	17	1	5	6
70-79	39	9	39	6	2	13	4	6	2
80+	13	2	3	1	2	2	1	2	0

Age	Kirk	Diay	Babyl	Dahu	Diwa	Miss	Nien	Anb	Salah
0-9	2	3	6	2	0	3	0	0	0
10-19	9	2	7	4	1	7	1	0	0
20-29	14	1	10	2	6	14	2	1	4
30-39	22	4	3	4	2	6	4	2	3
40-49	15	4	5	3	0	6	1	0	0
50-59	3	4	7	2	1	8	3	0	0
60-69	5	10	3	0	2	3	0	2	2
70-79	1	0	5	2	0	3	0	0	0
80+	0	0	1	0	0	0	0	0	0

Reference-1

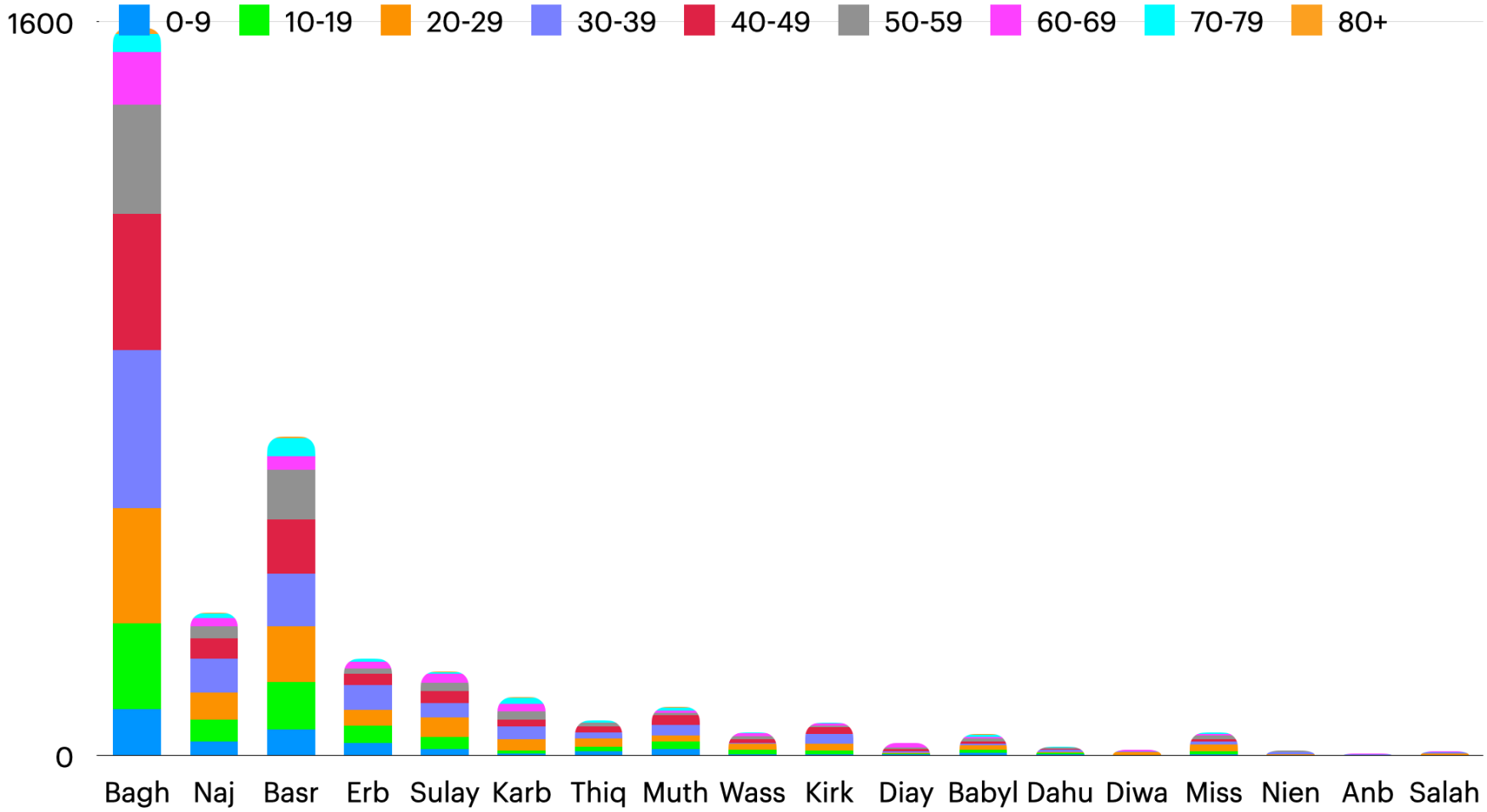

Fig.33 COVID-19 cases among different age groups in Iraq (1)

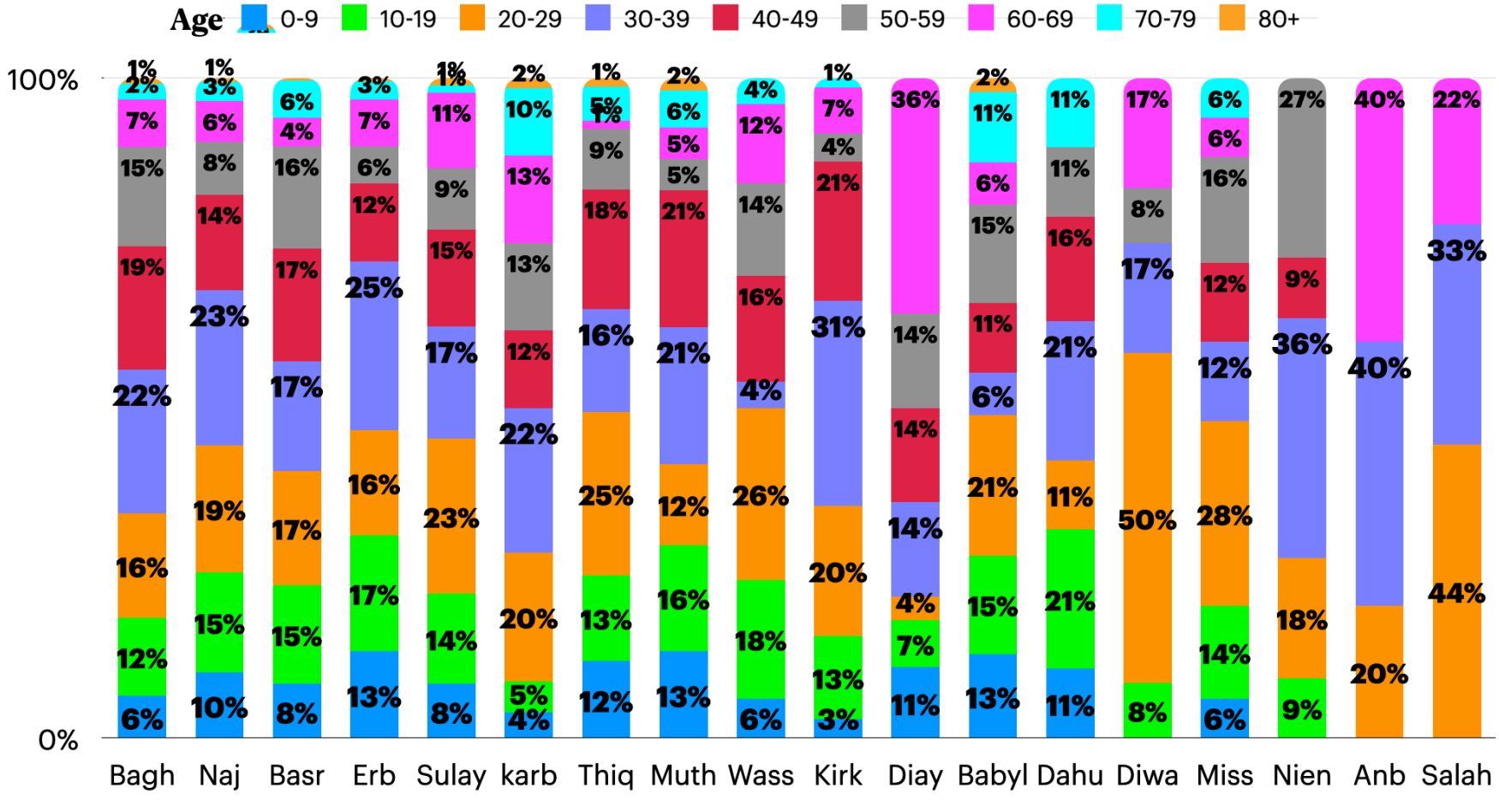

Fig. 34 % of COVID-19 cases among different age groups in Iraq

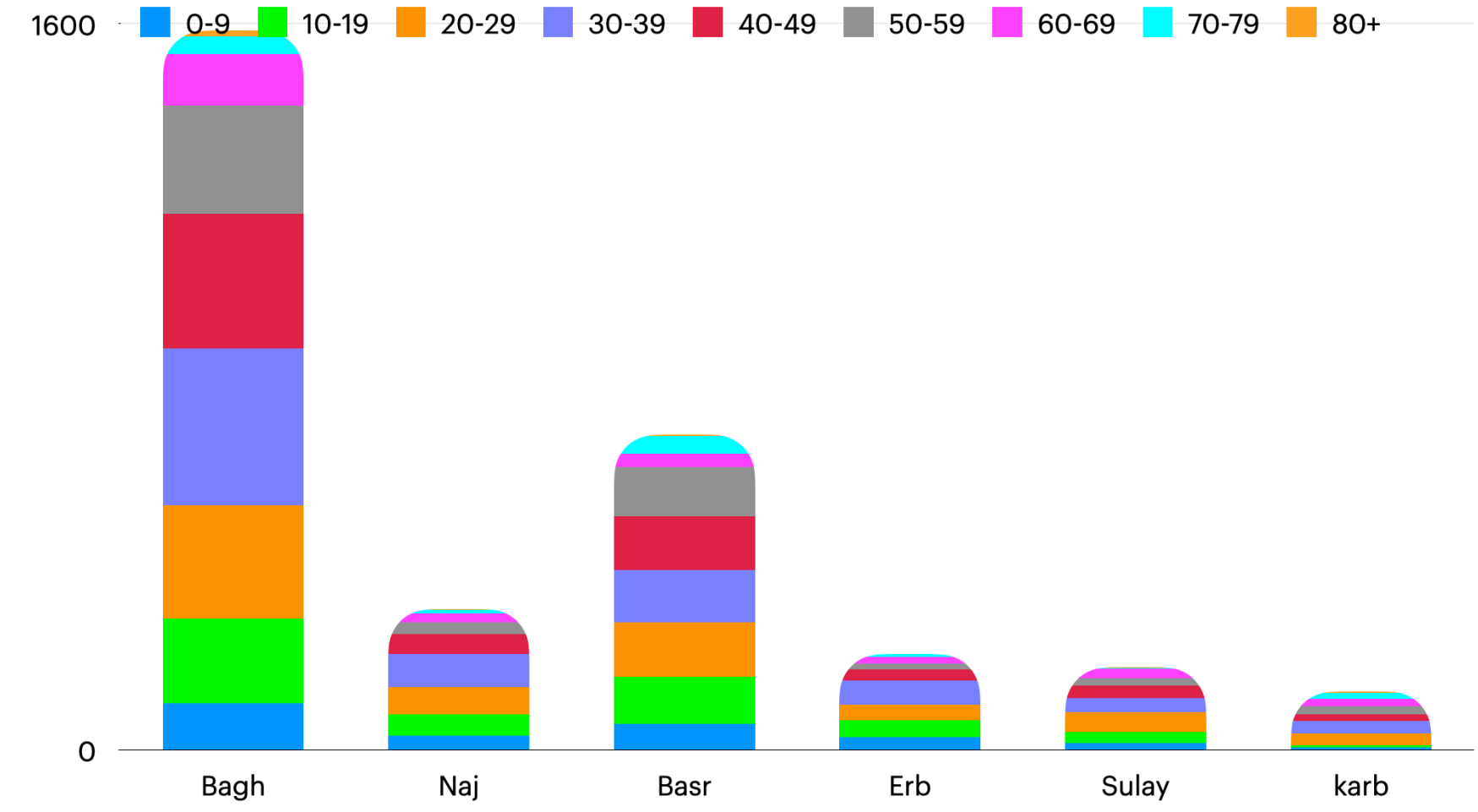

Fig.35 COVID-19 cases among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

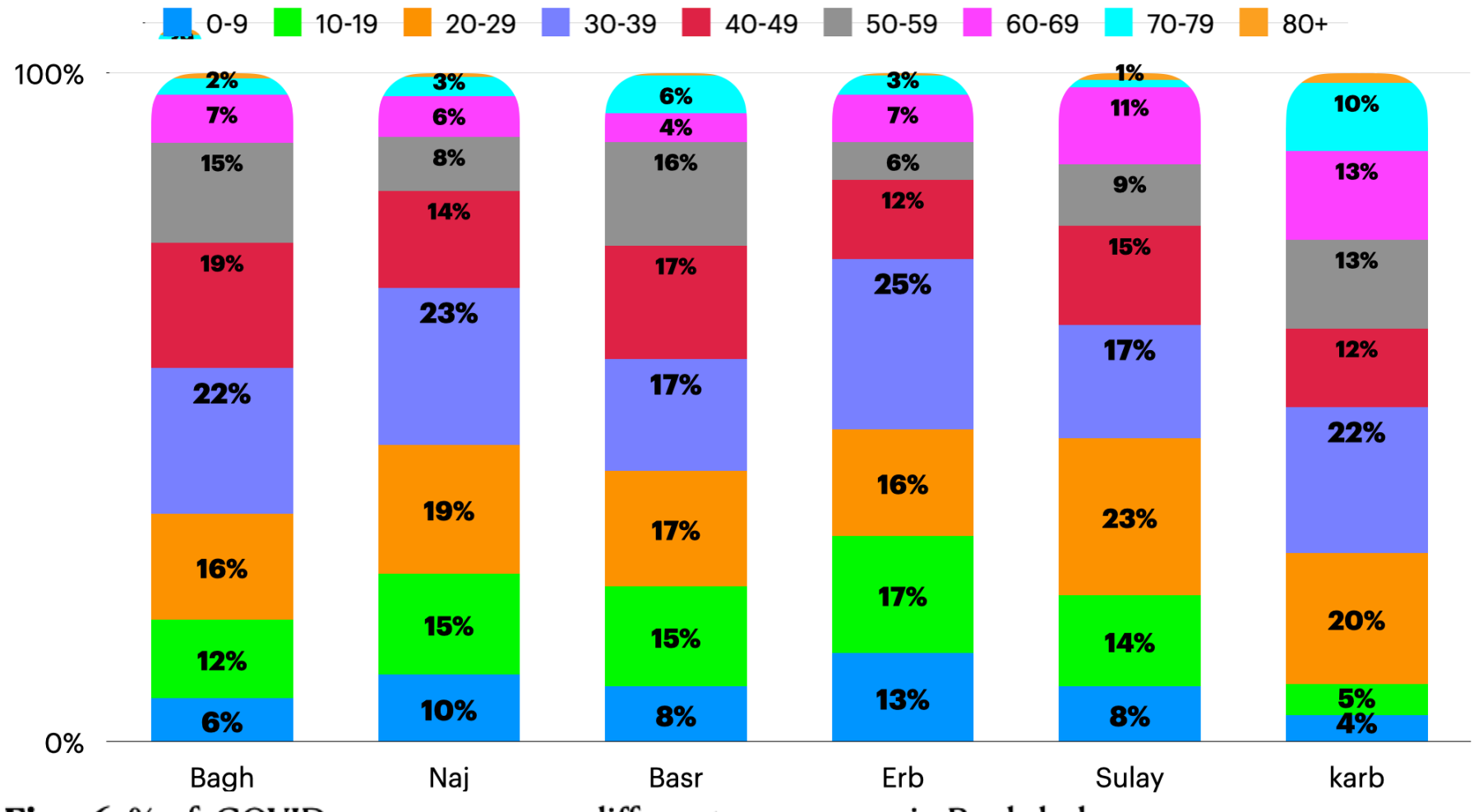

Fig. 36 % of COVID-19 cases among different age groups in Baghdad, Najaf, Basrah, Erbil, Sulymania and Karbala

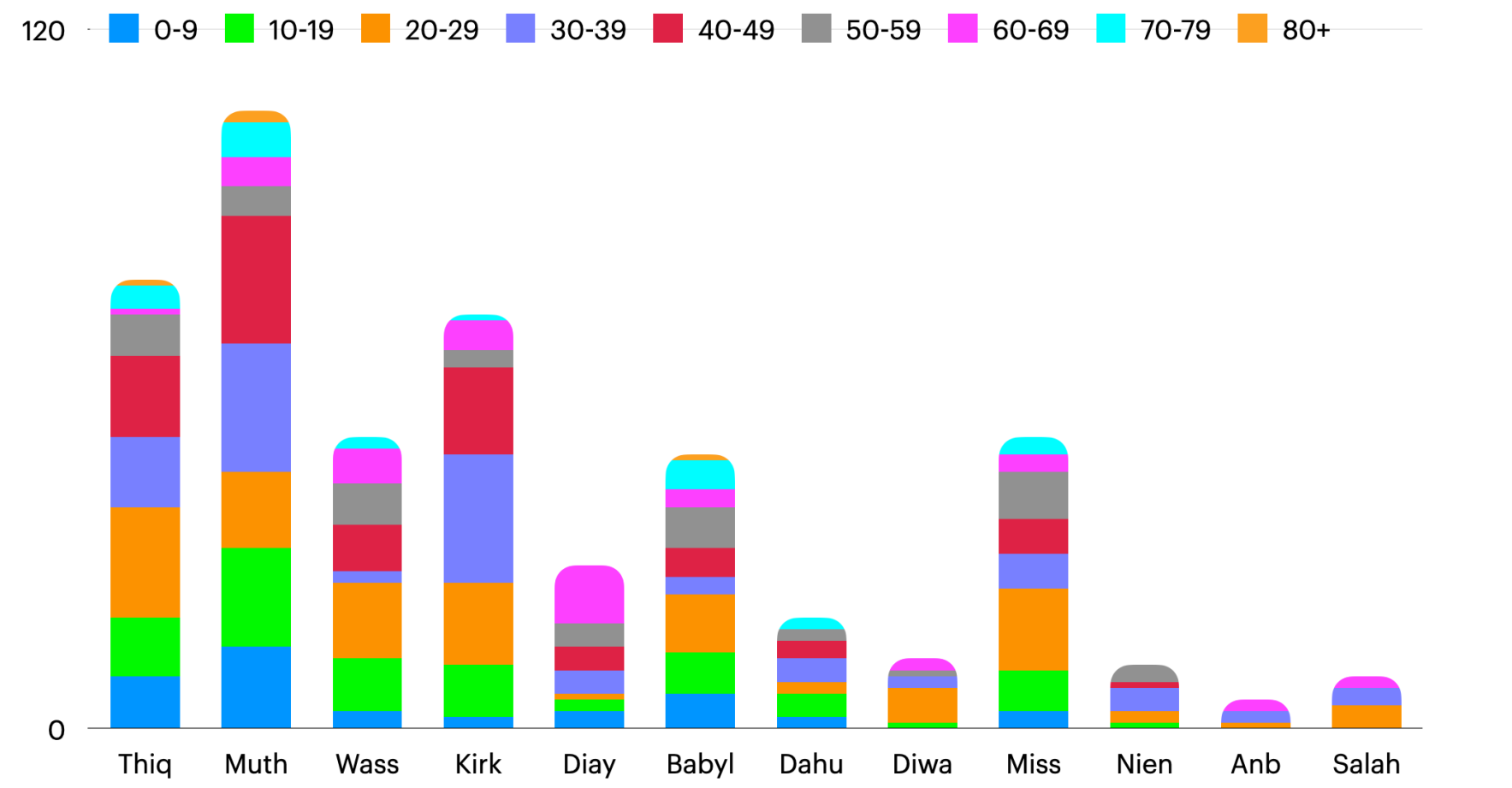

Fig.37 COVID-19 cases among different age groups in Thiqar, Muthana, Wassit, Kirkuk, Diyala, Babylon,Dahuk,Diwania, Missan, Nienawa, Anbar and Salah Aldeen

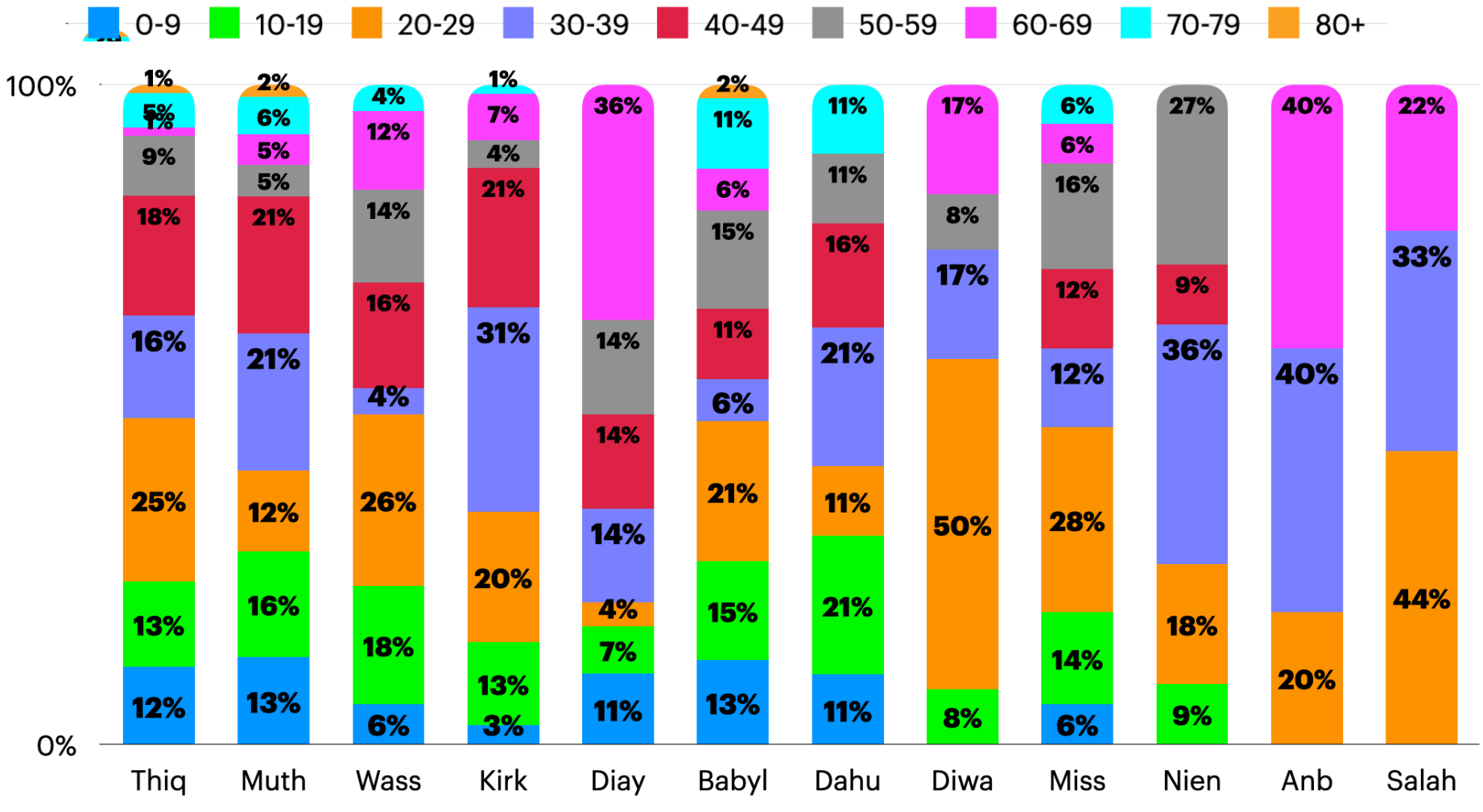

Fig.38 % of COVID-19 cases among different age groups in Thiqar, Muthana, Wassit, Kirkuk, Diyala, Babylon,Dahuk,Diwania, Missan, Nienawa, Anbar and Salah Aldeen

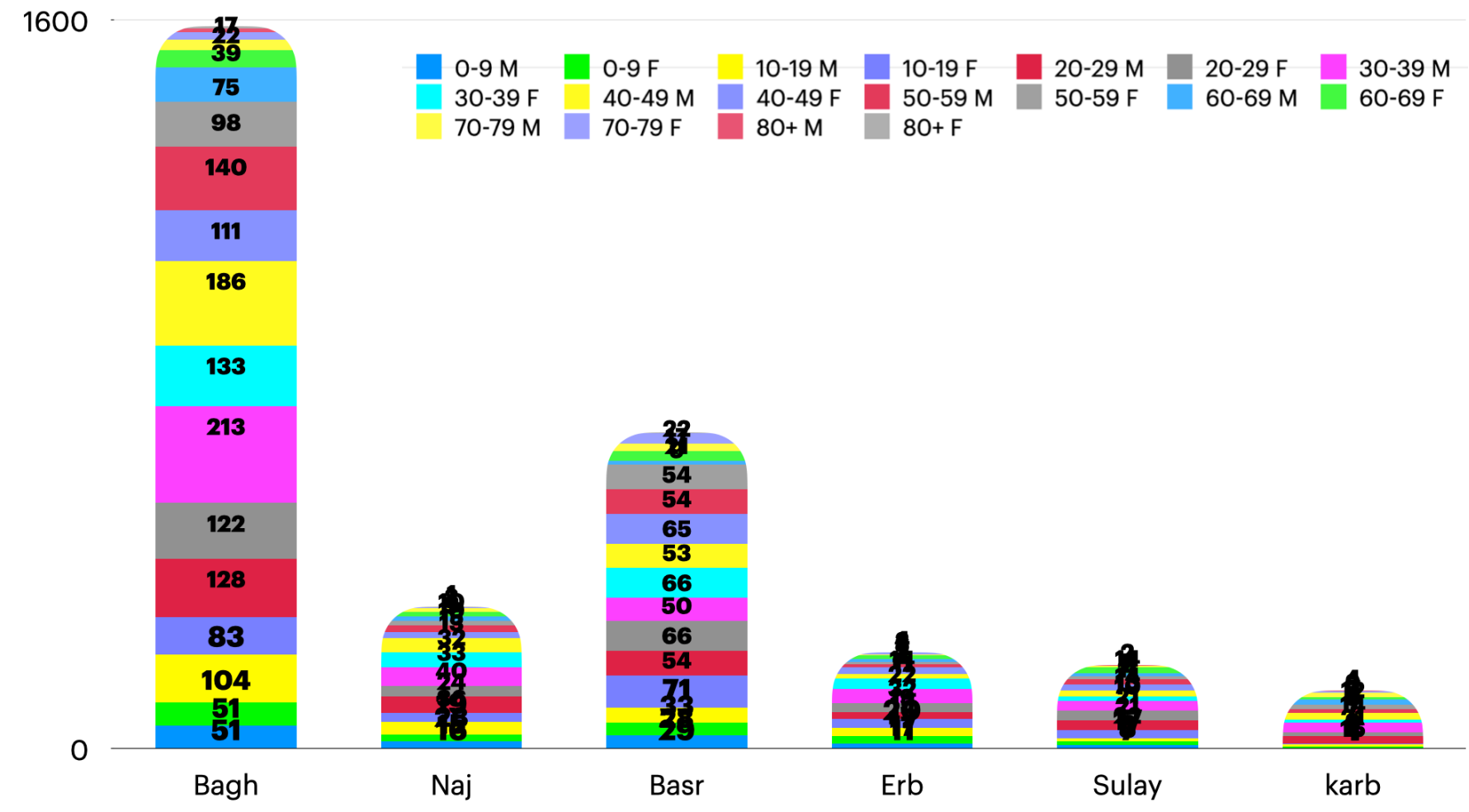

Fig 39 COVID-19 **Male** and **Female** cases among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

Table 4 COVID-19 **Male** and **Female** cases among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

Age	Bagh	Naj	Basr	Erb	Sulay	karb
0-9 M	51	16	29	11	7	1
0-9 F	51	15	28	17	8	4
10-19 M	104	28	33	17	8	4
10-19 F	83	19	71	20	17	2
20-29 M	128	36	54	15	22	16
20-29 F	122	24	66	19	21	9
30-39 M	213	40	50	32	21	21
30-39 F	133	33	66	22	10	7
40-49 M	186	32	53	11	13	14
40-49 F	111	13	65	14	14	1
50-59 M	140	15	54	7	11	8
50-59 F	98	10	54	5	6	9
60-69 M	75	9	9	7	7	12
60-69 F	39	10	21	8	14	5
70-79 M	22	8	17	2	2	9
70-79 F	17	1	22	4	0	4
80+ M	8	0	1	0	2	2
80+ F	5	2	2	1	0	0

Reference-1

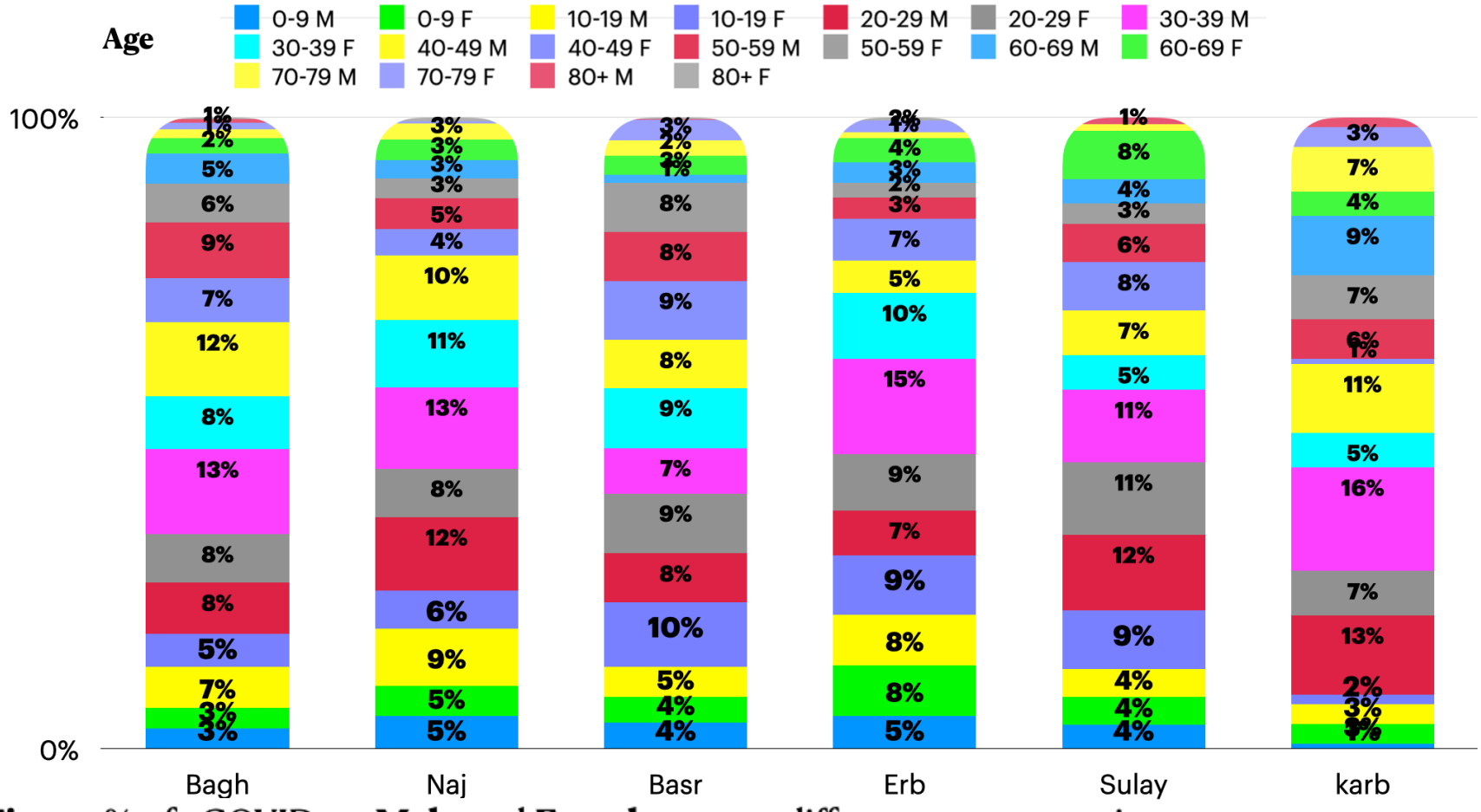

Fig 40 % of COVID-19 **Male** and **Female** among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

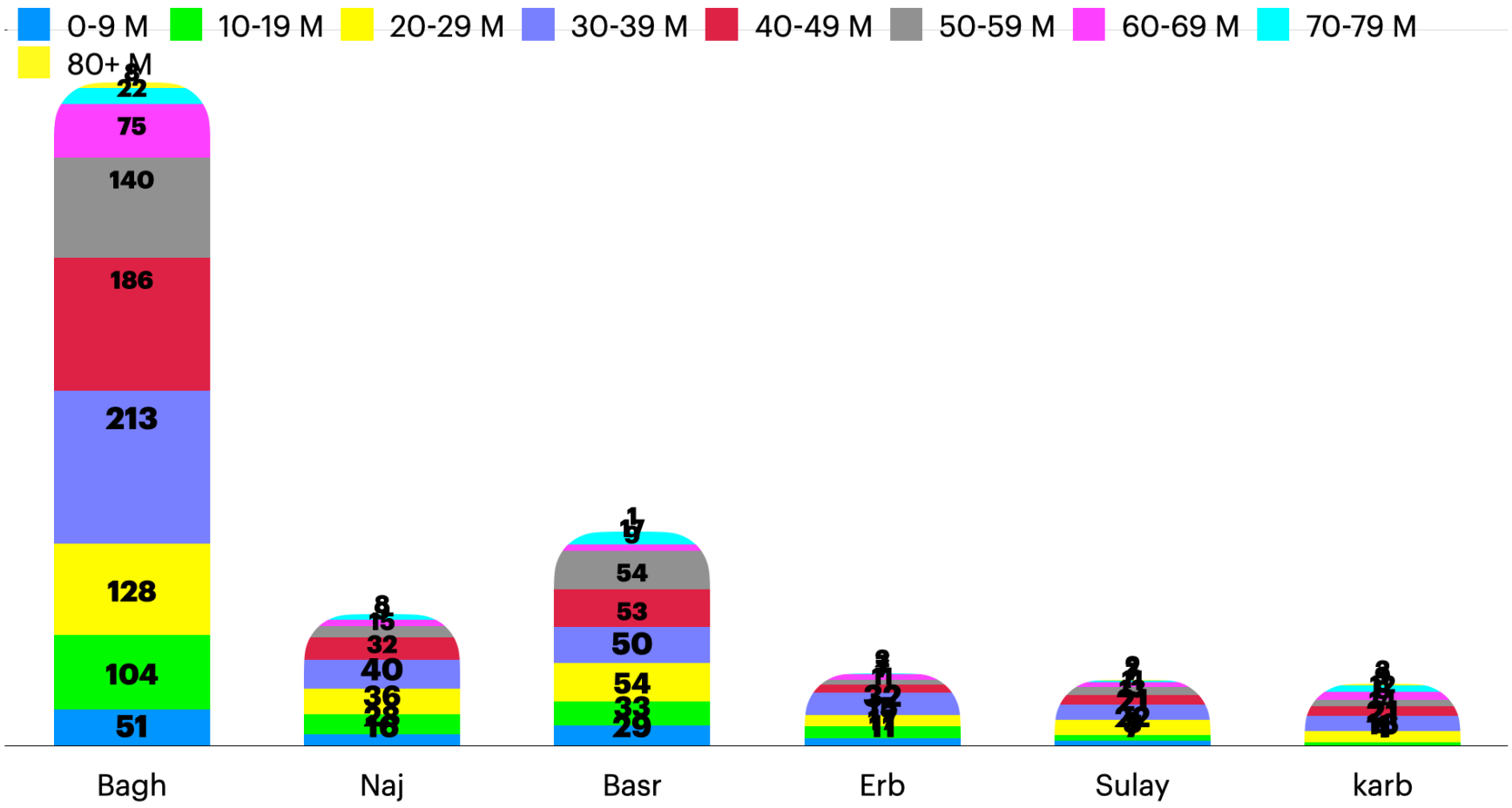

Fig 41 COVID-19 **Male** among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

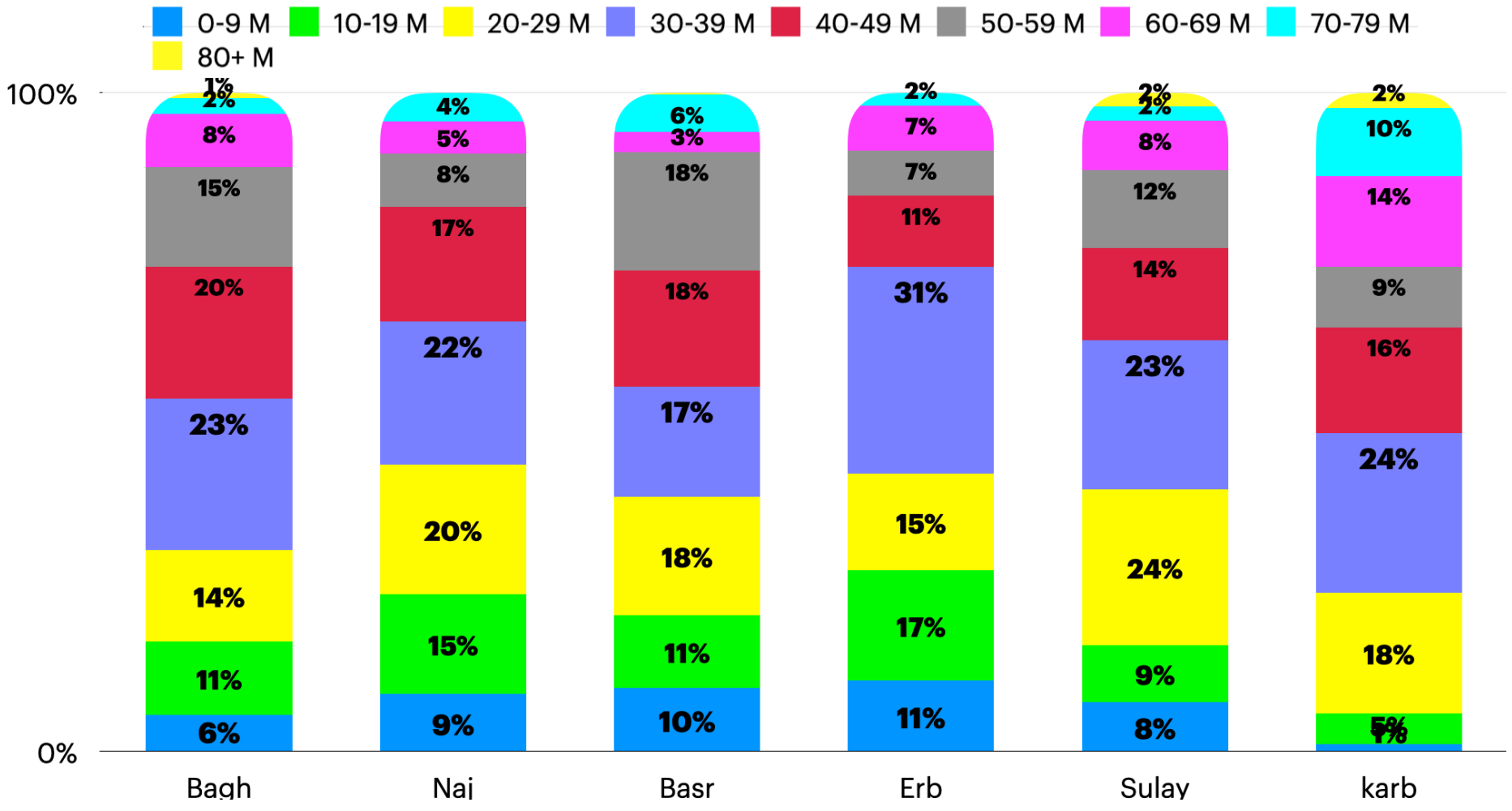

Fig 42 % of COVID-19 **Male** patients among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

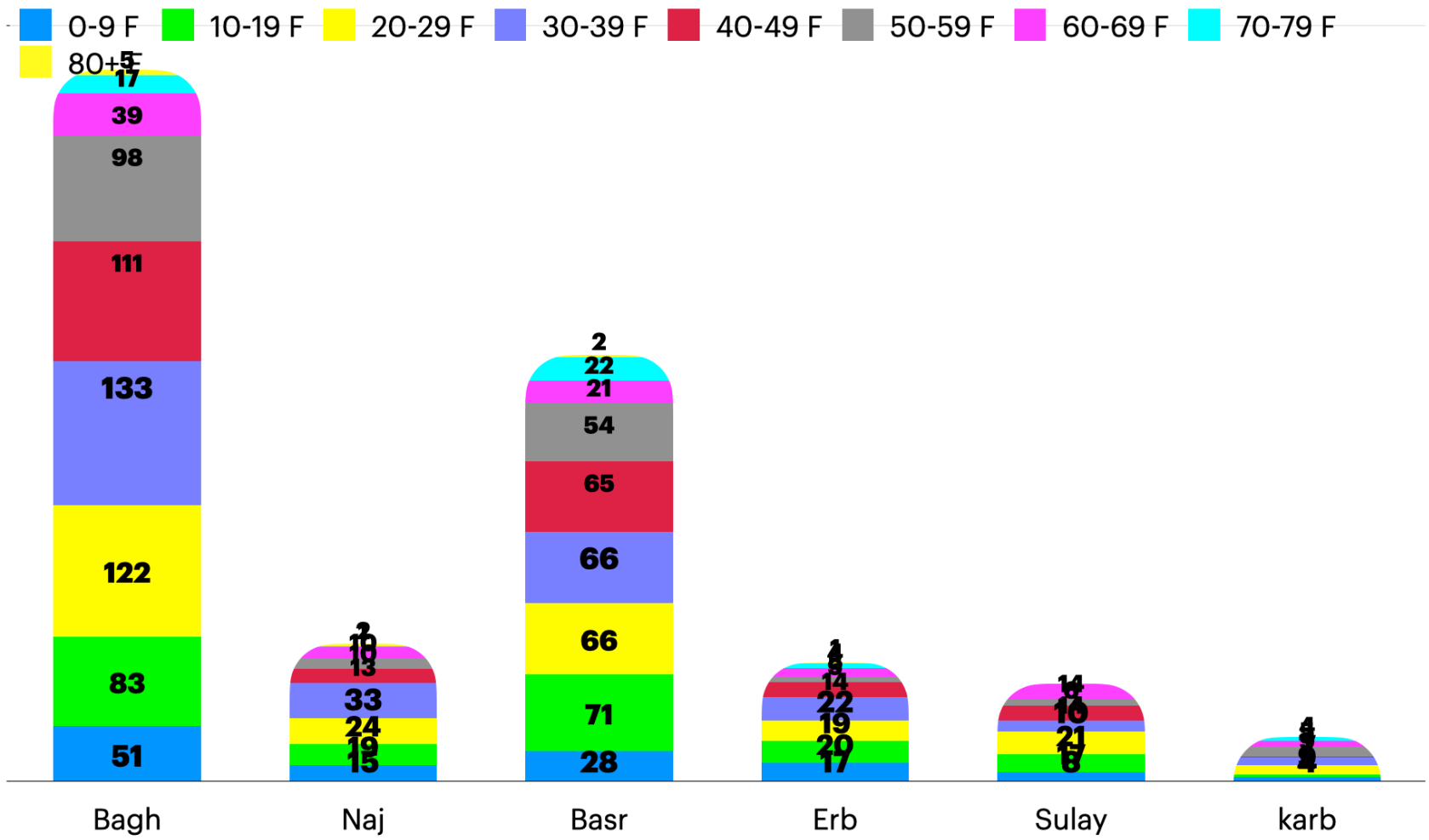

Fig 43 COVID-19 **Female** patients among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

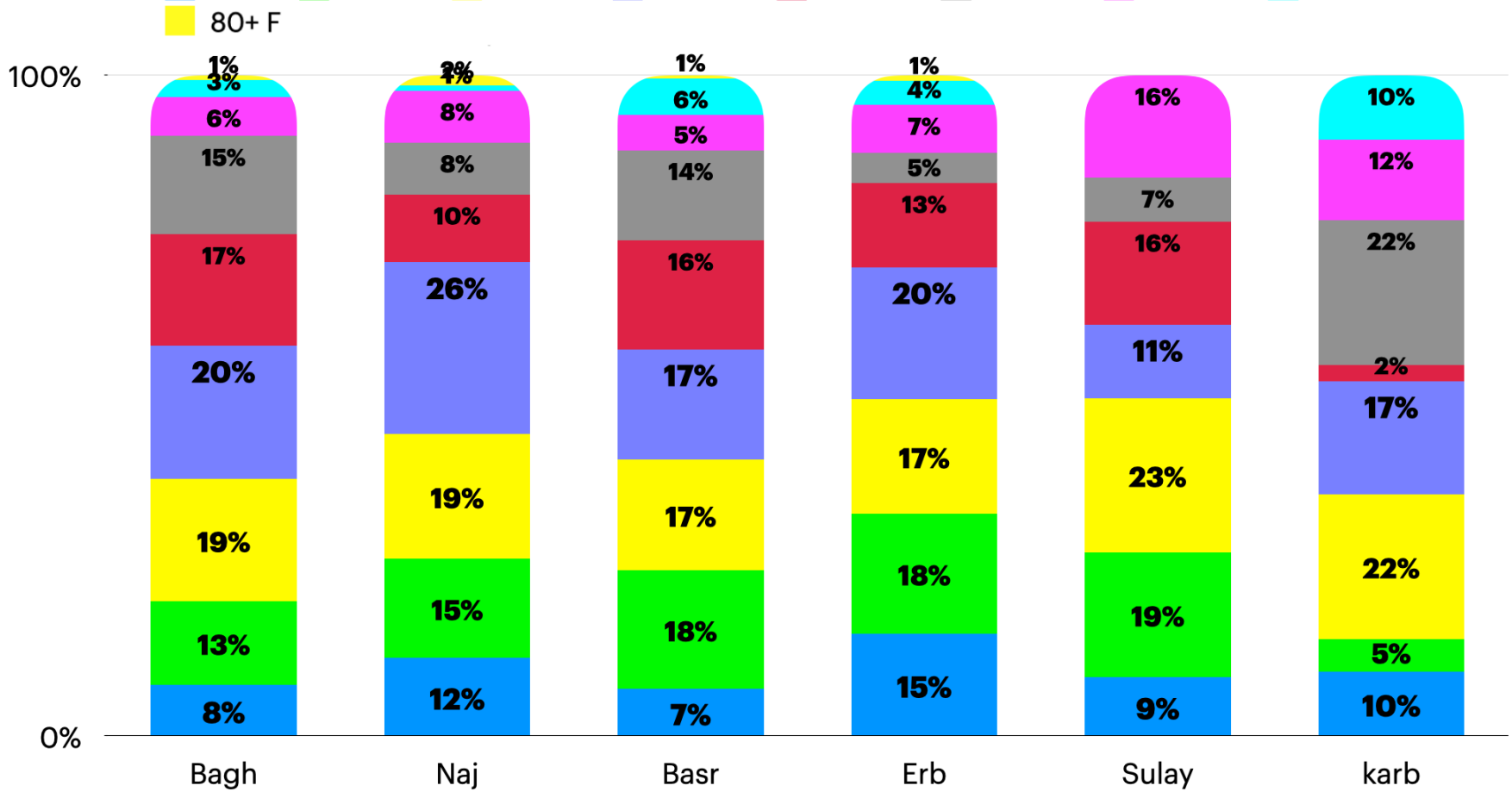

Fig 44 % of COVID-19 **Female** patients among different age groups in Baghdad, Najaf, Basrah, Erbil , Sulymania and Karbala

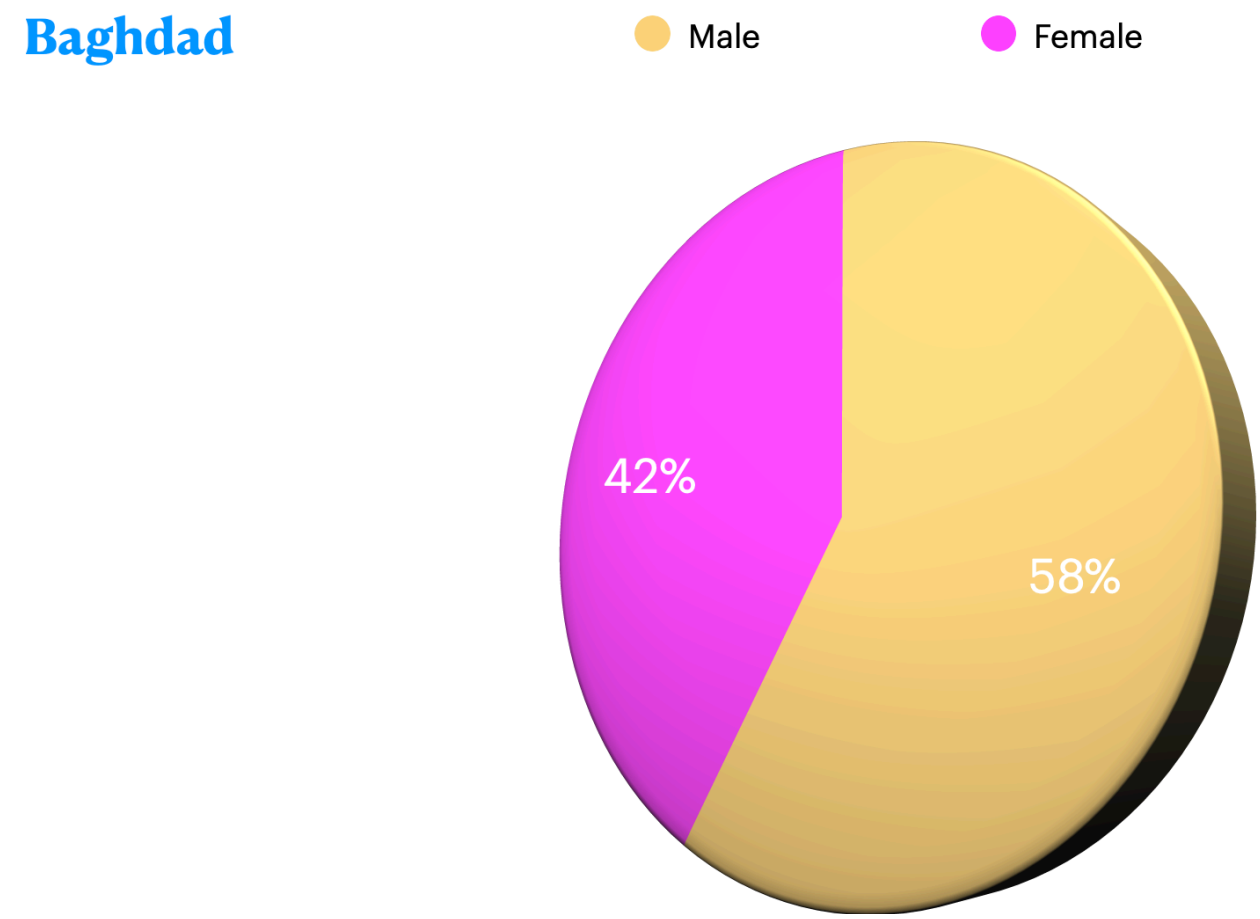

Fig.45 % of Male and Female COVID-19 cases in Baghdad

Table 5 COVID-19 cases among different age groups in Baghdad (Rasafa and Karkh) (1)

Baghdad **R = Rasafa + Medical City** **K = Karkh**

	Age	0-9 R	0-9 K	10-19 R	10-19 K	20-29 R	20-29 K	30-39 R	30-39 K	40-49 R	40-49 K
	Total	77	25	102	85	163	87	250	96	215	82
	Active	46	7	39	39	73	37	140	51	103	37
	Recovred	29	18	59	46	93	50	108	44	107	44
	Dead	0	0	0	0	1	0	5	0	9	0

	Age	50-59 R	50-59 K	60-69 R	60-69 K	70-79 R	70-79 K	80 + R	80+ K
	Total	202	36	87	27	32	7	13	0
	Active	95	12	37	2	8	0	4	0
	Recovred	78	20	43	22	14	5	5	0
	Dead	12	5	15	2	15	4	3	0

Reference-1

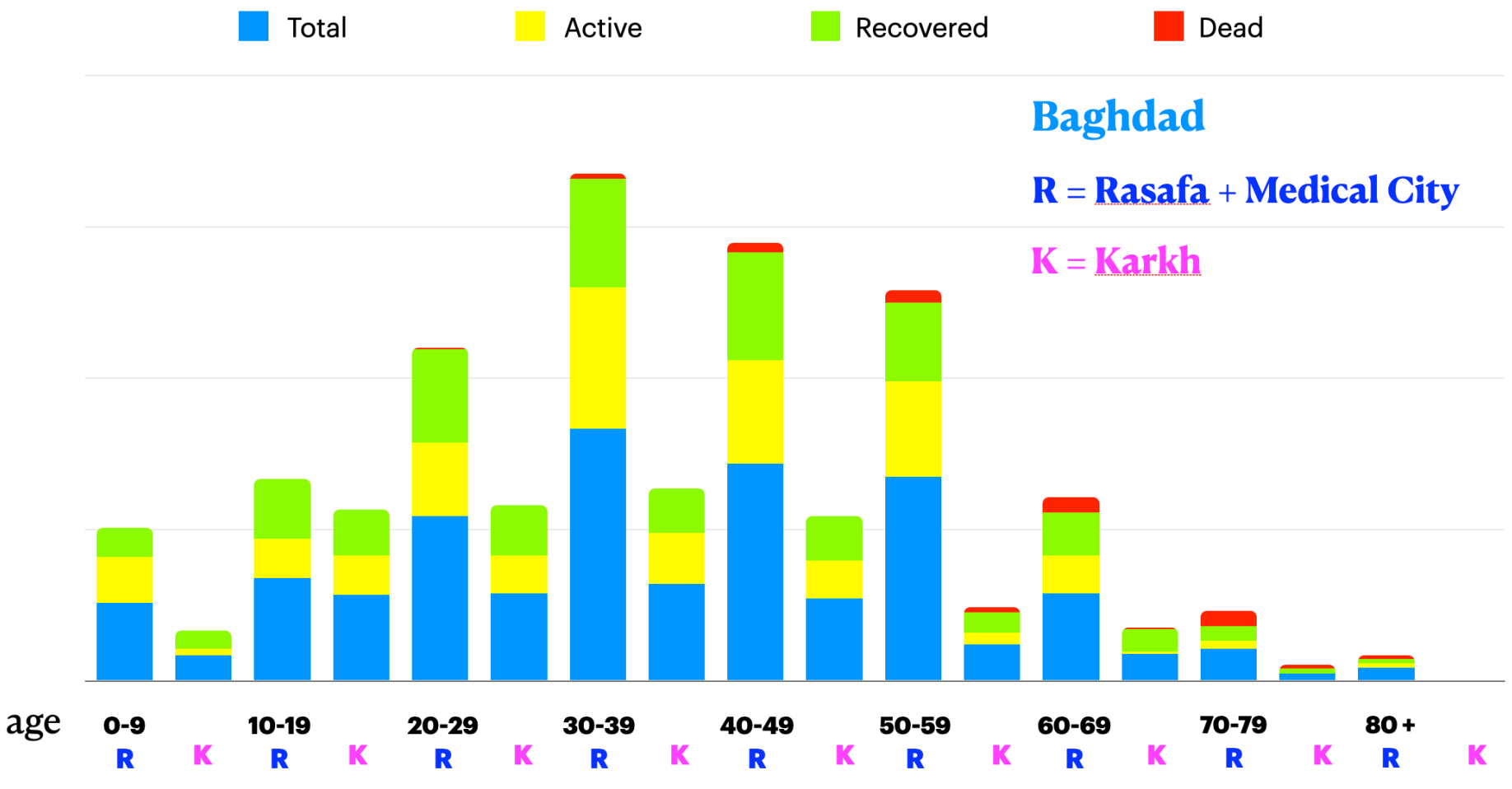

Fig.46 Total, active, recovered and dead COVID-19 cases among different age groups in Baghdad (Rasafa and Karkh)

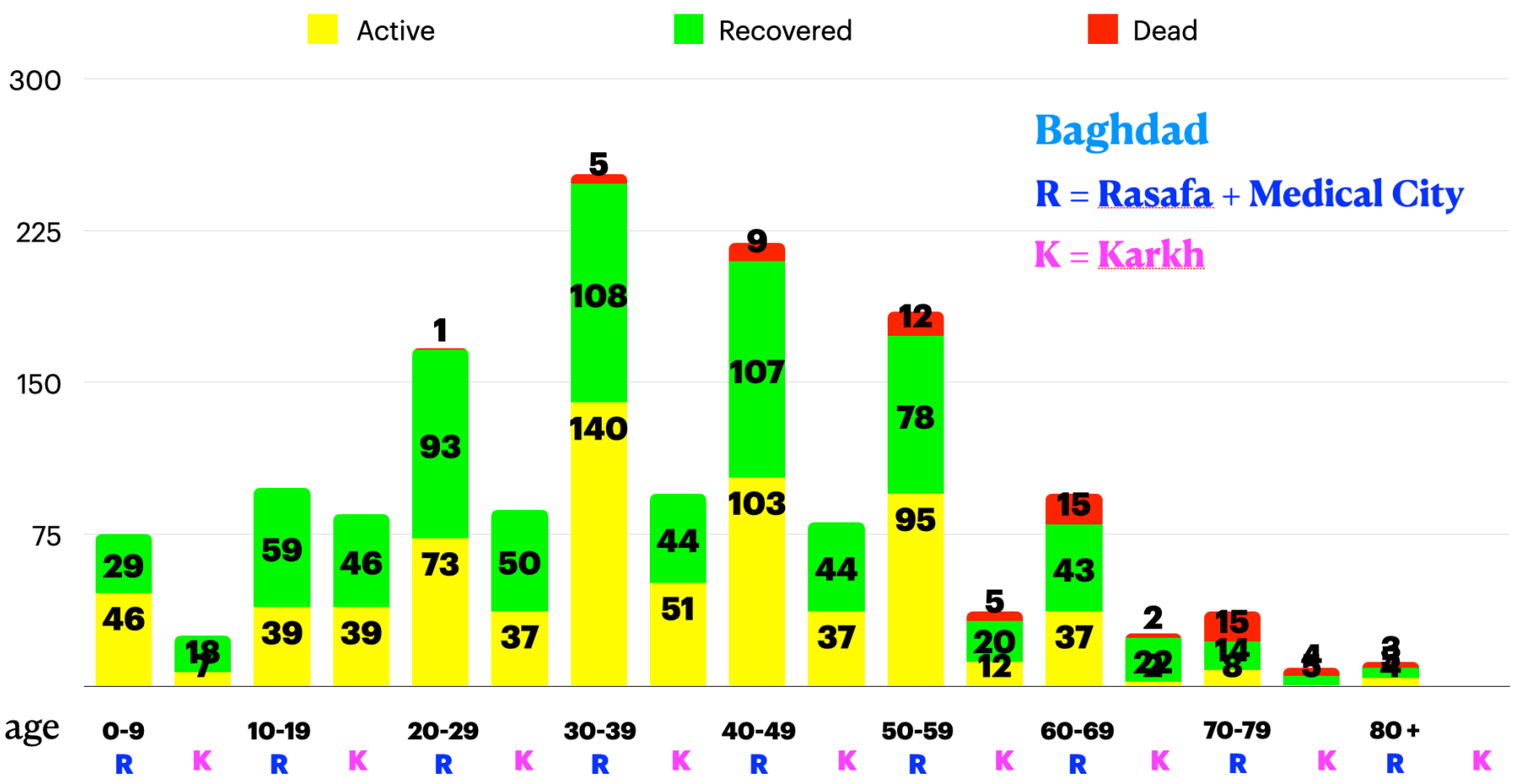

Fig.47 Active, recovered and dead COVID-19 cases among different age groups in Baghdad (Rasafa and Karkh)

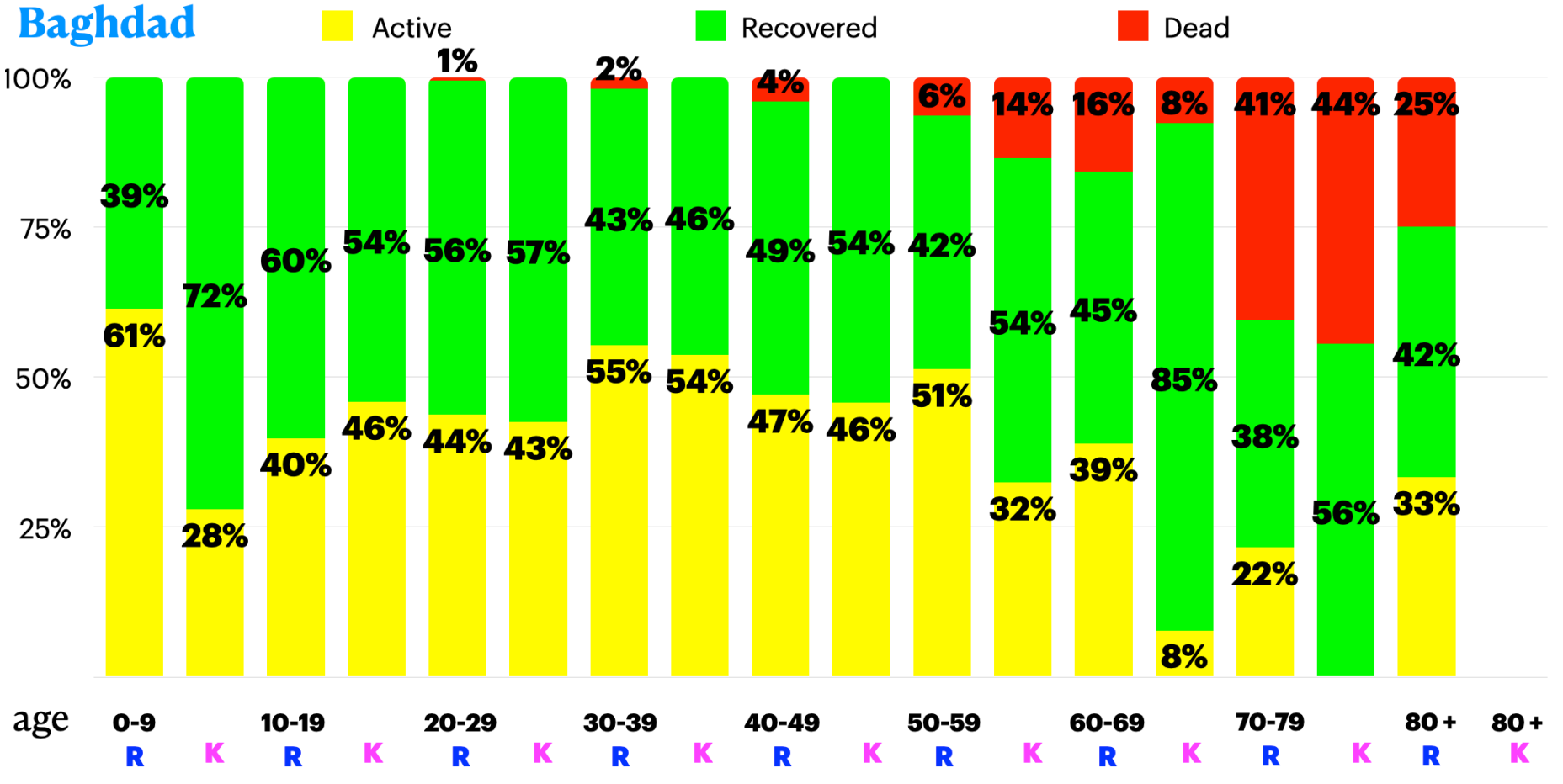

Fig.48 % of Active, recovered and dead COVID-19 cases among different age groups in Baghdad (Rasafa and Karkh)

R = Rasafa + Medical City K = Karkh

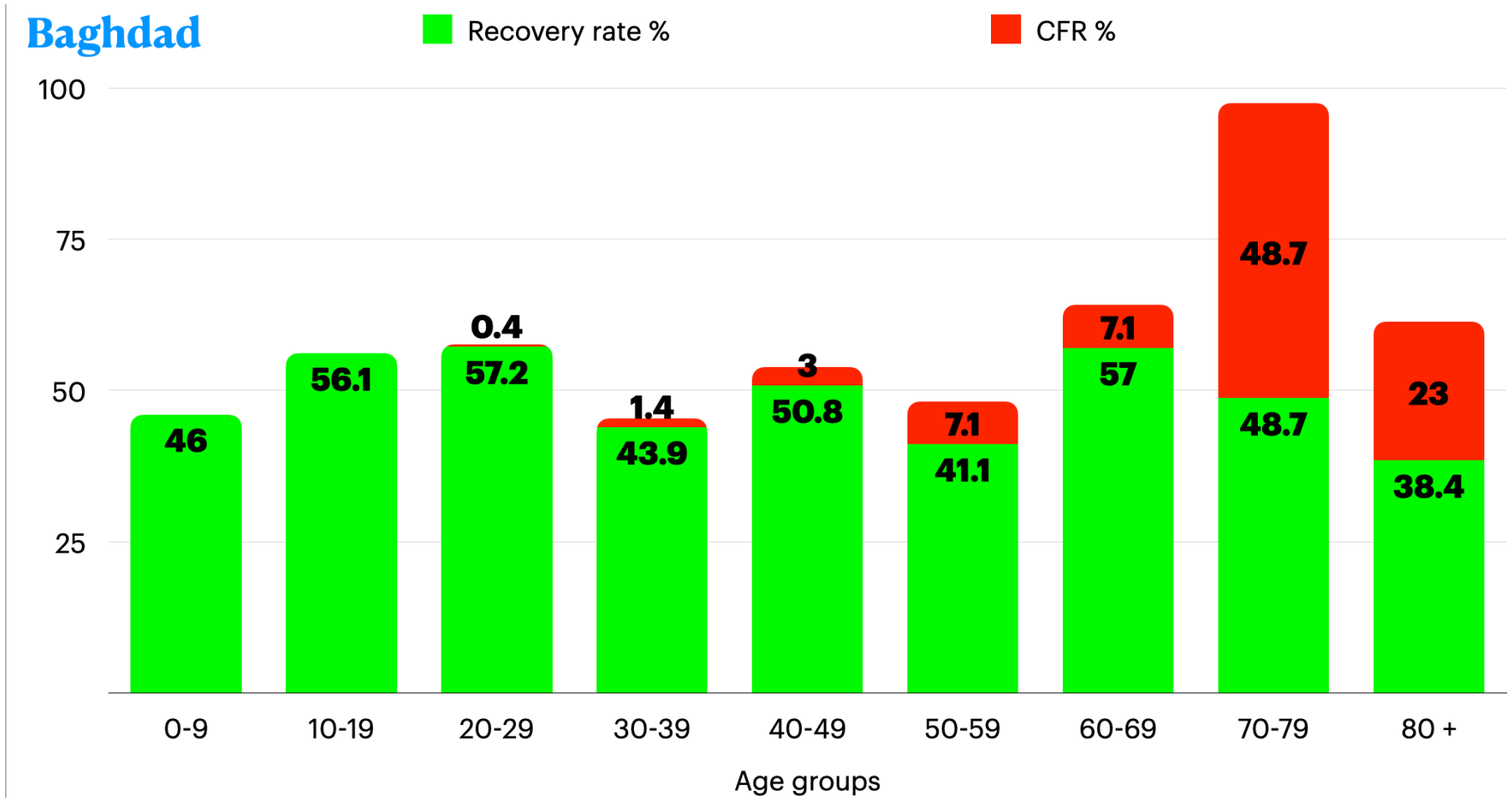

Fig.49 Recovery rate and Case fatality rate CFR - COVID-19 in Baghdad

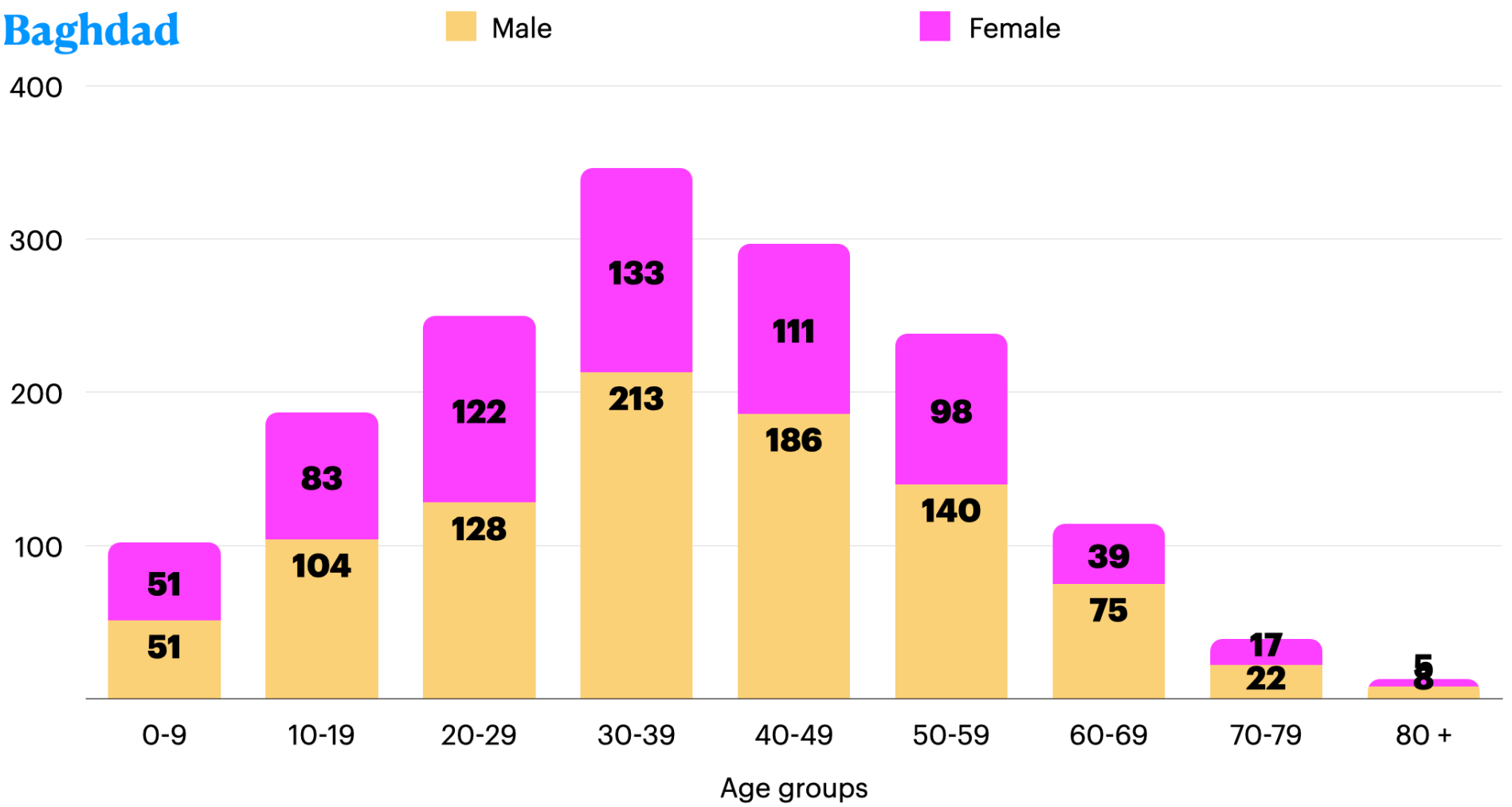

Fig.50 Male and Female COVID-19 cases among different age groups in Baghdad

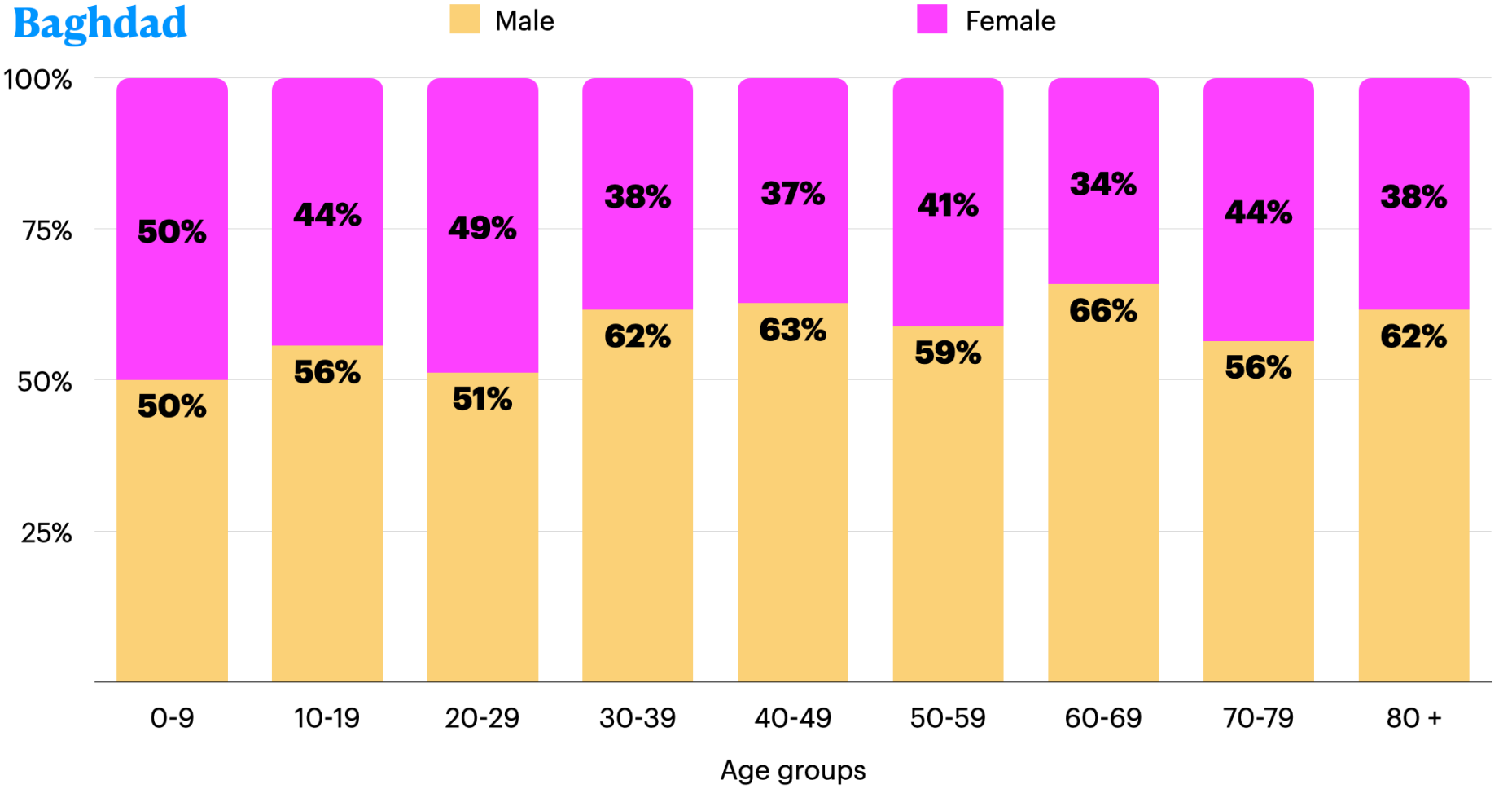

Fig.51 % of Male and Female COVID-19 cases among different age groups in Baghdad

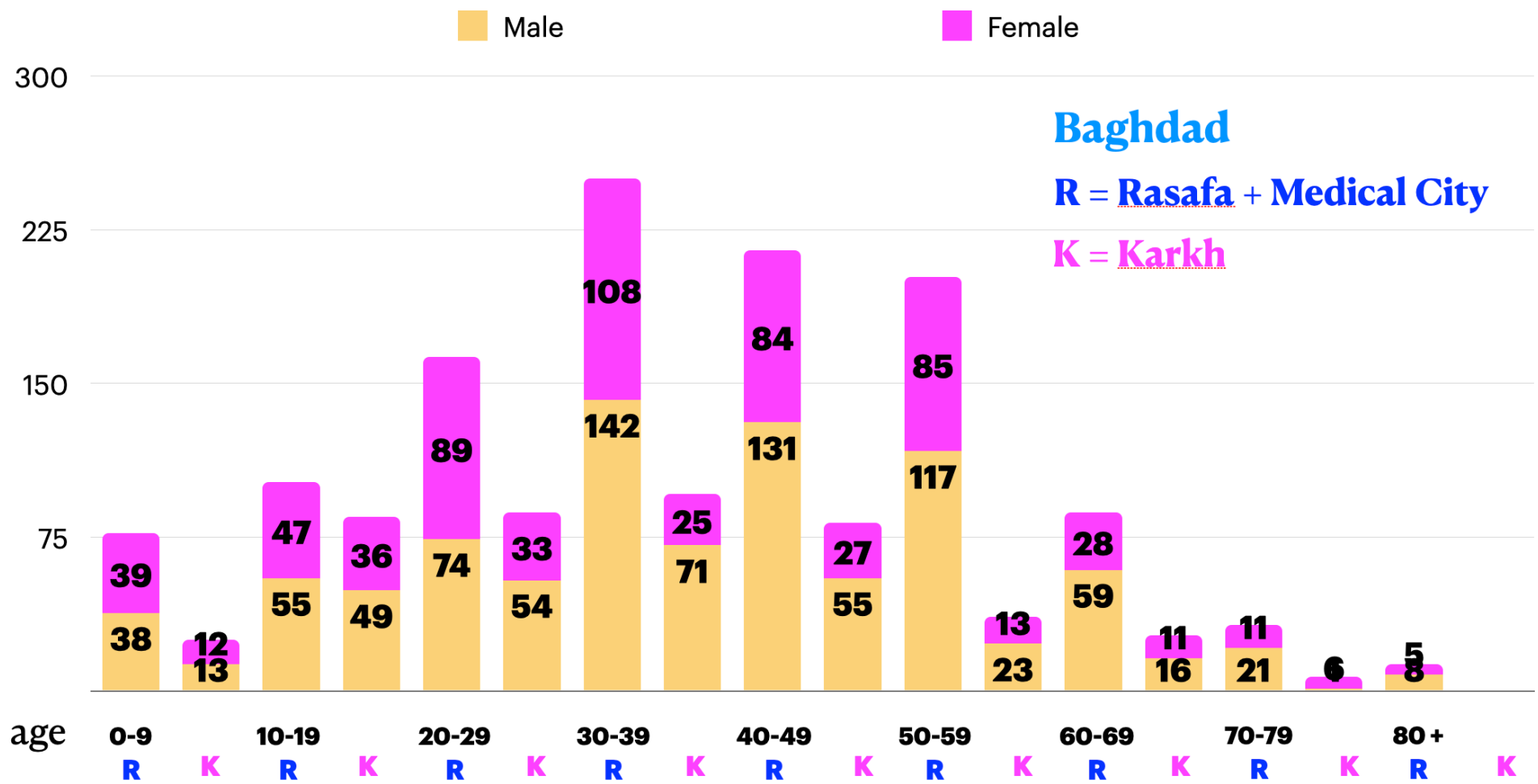

Fig.52 Male and Female COVID-19 cases among different age groups in Baghdad(Rasafa and Karkh)

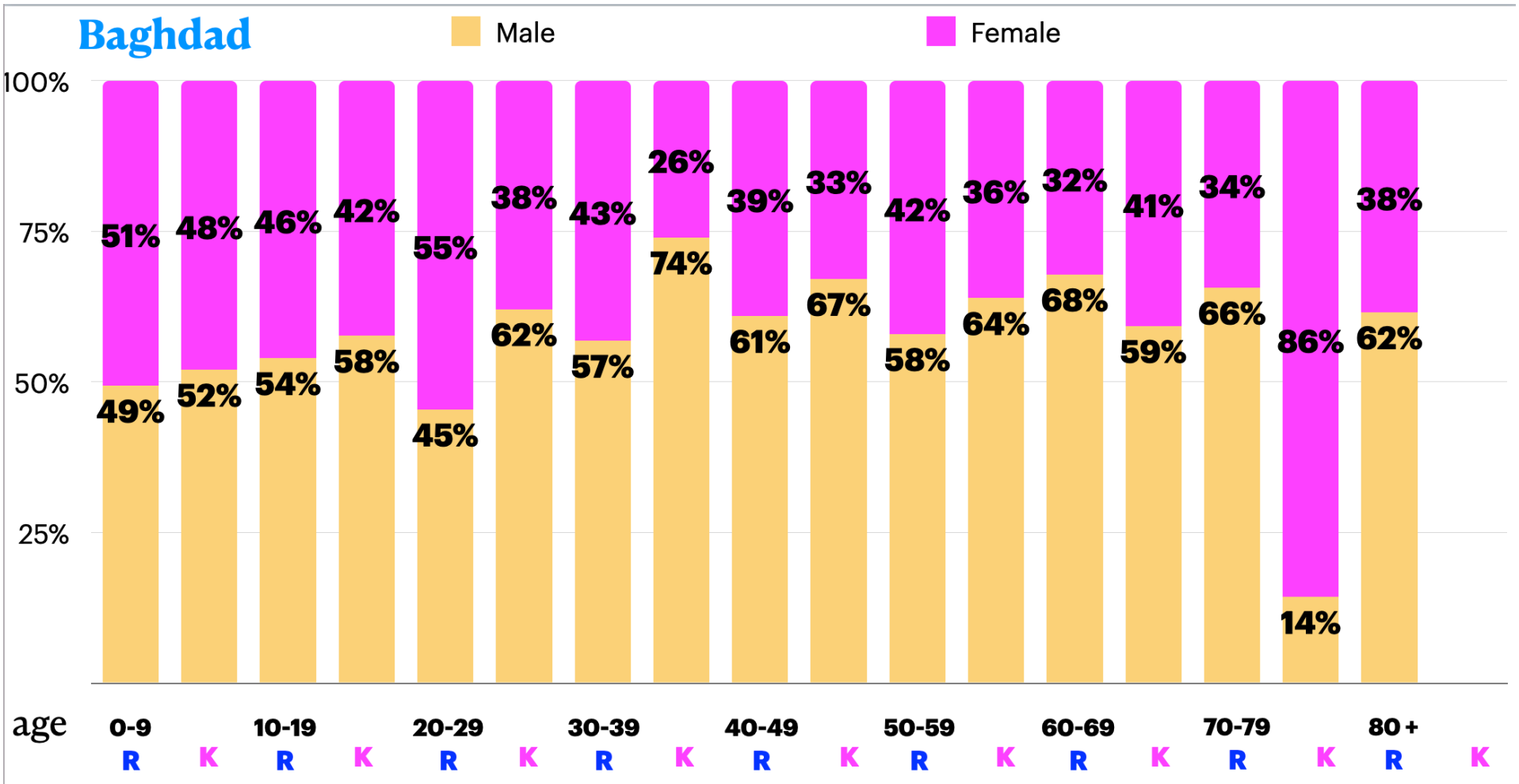

Fig.53 % of Male and Female COVID-19 cases among different age groups in Baghdad(Rasafa and Karkh)

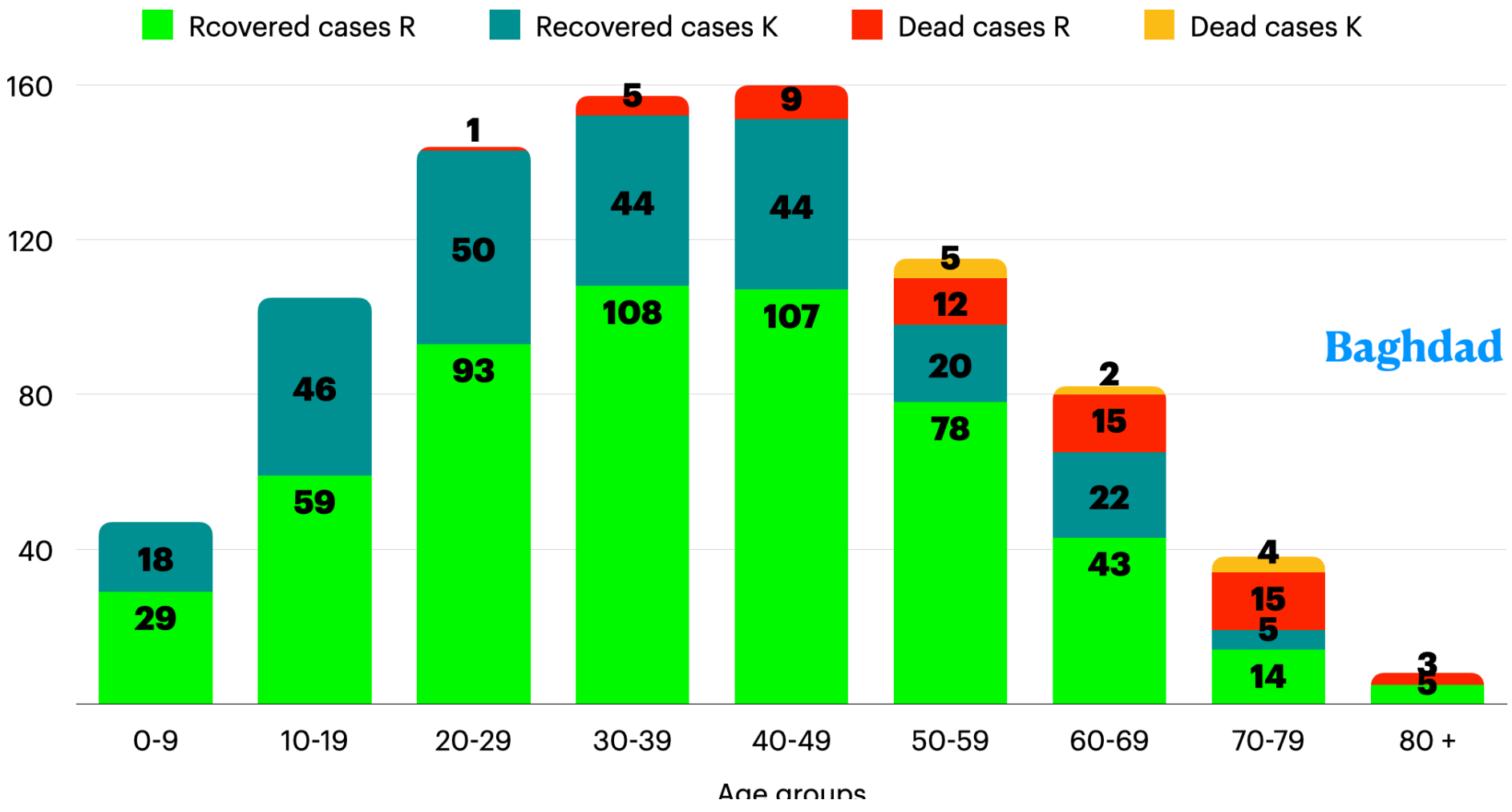

Fig.54 Recovered and dead COVID-19 cases in Baghdad (Rasafa and Karkh)

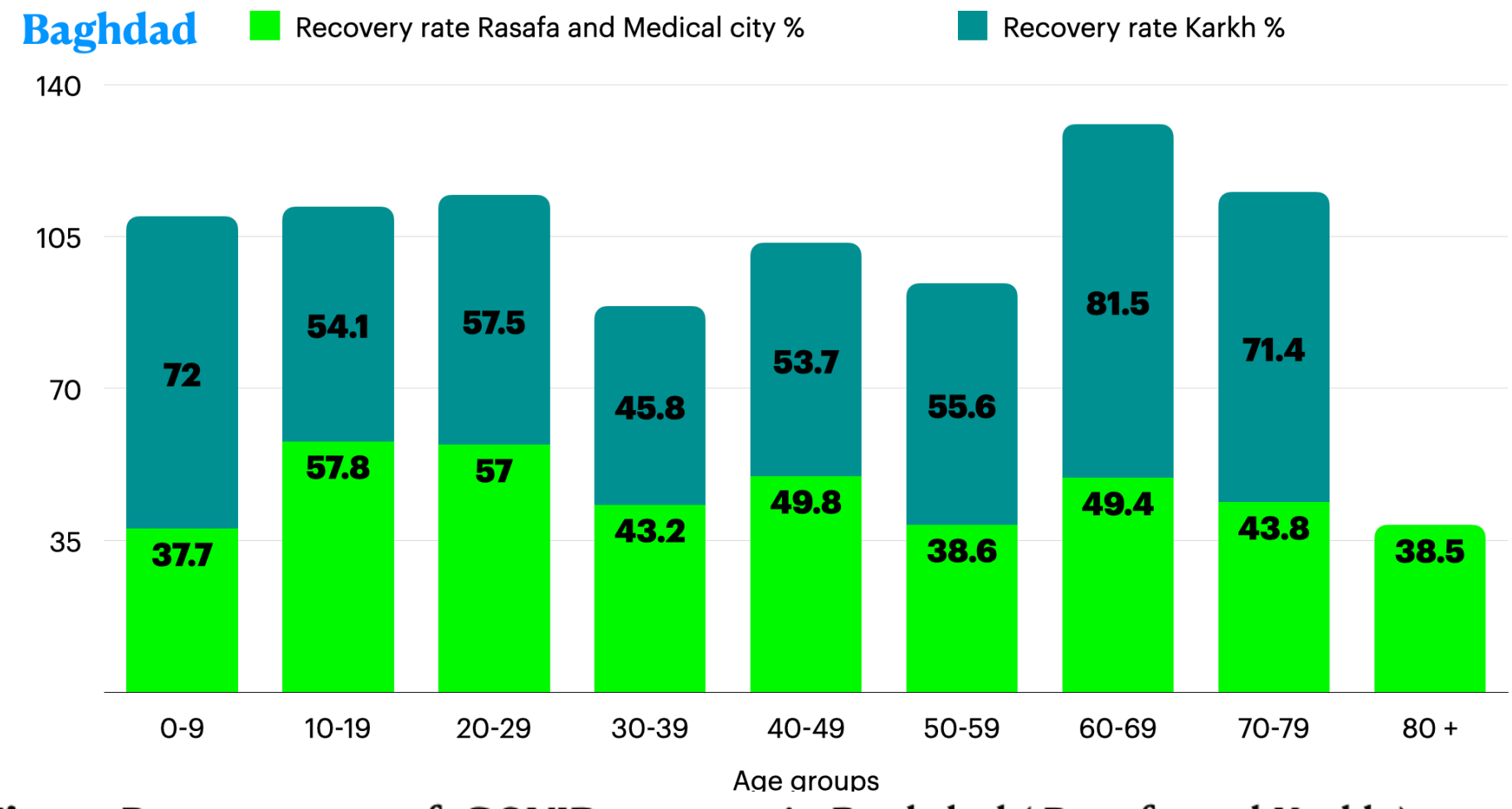

Fig.55 Recovery rate of COVID-19 cases in Baghdad (Rasafa and Karkh)

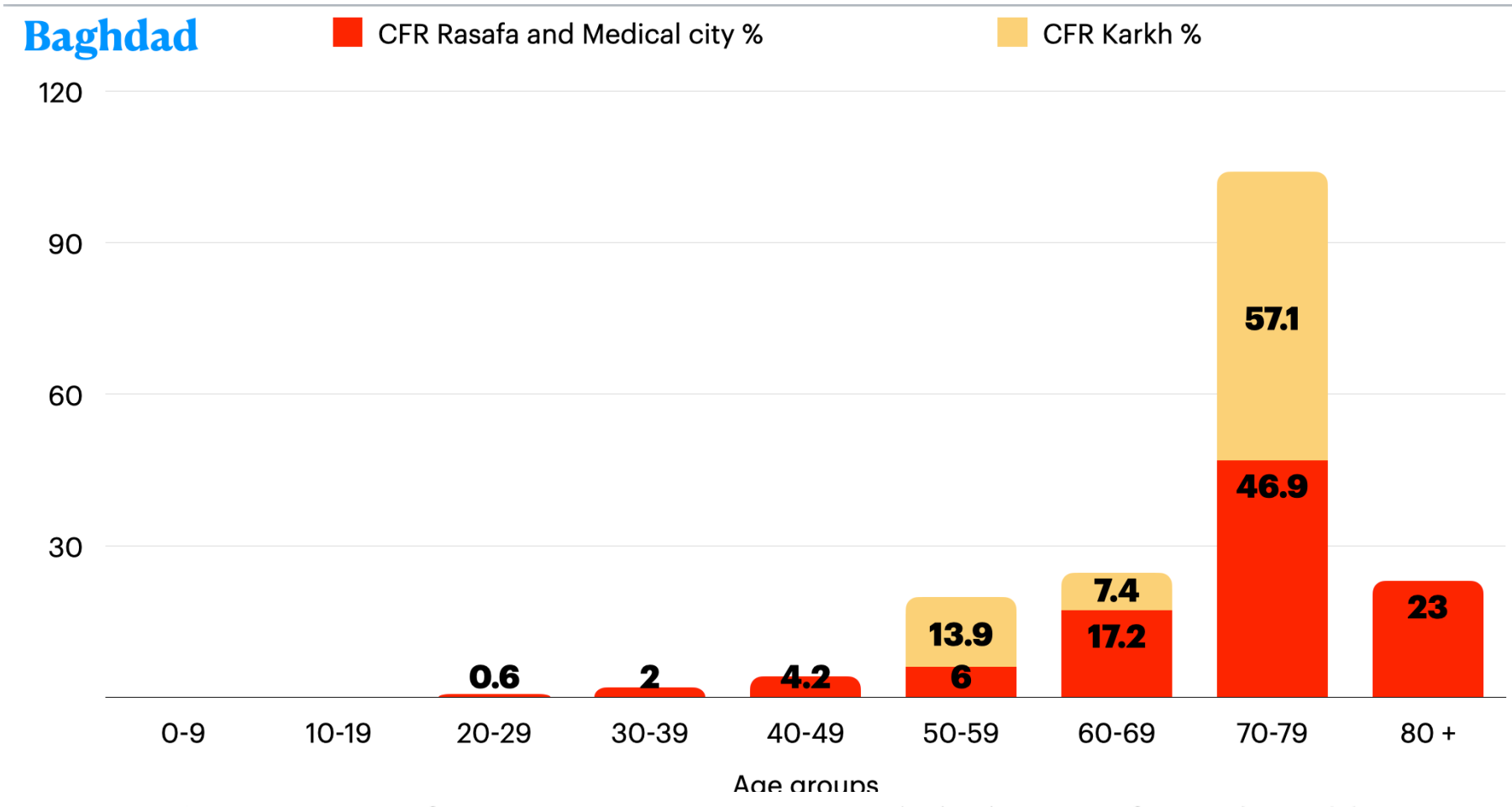

Fig.56 CFR rate of COVID-19 cases in Baghdad (Rasafa and Karkh)

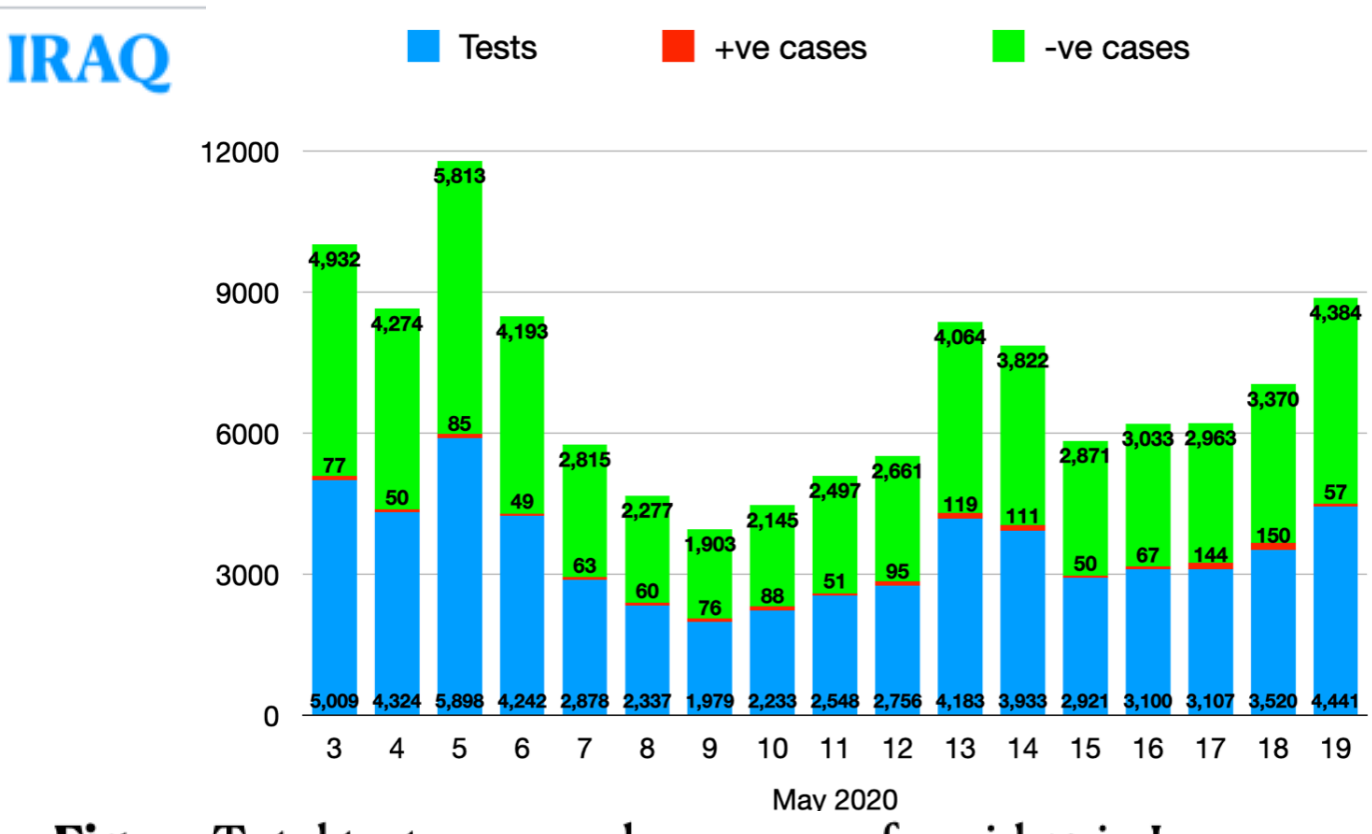

Fig.57 Total tests, +ve and -ve cases of covid-19 in Iraq

Reference -2

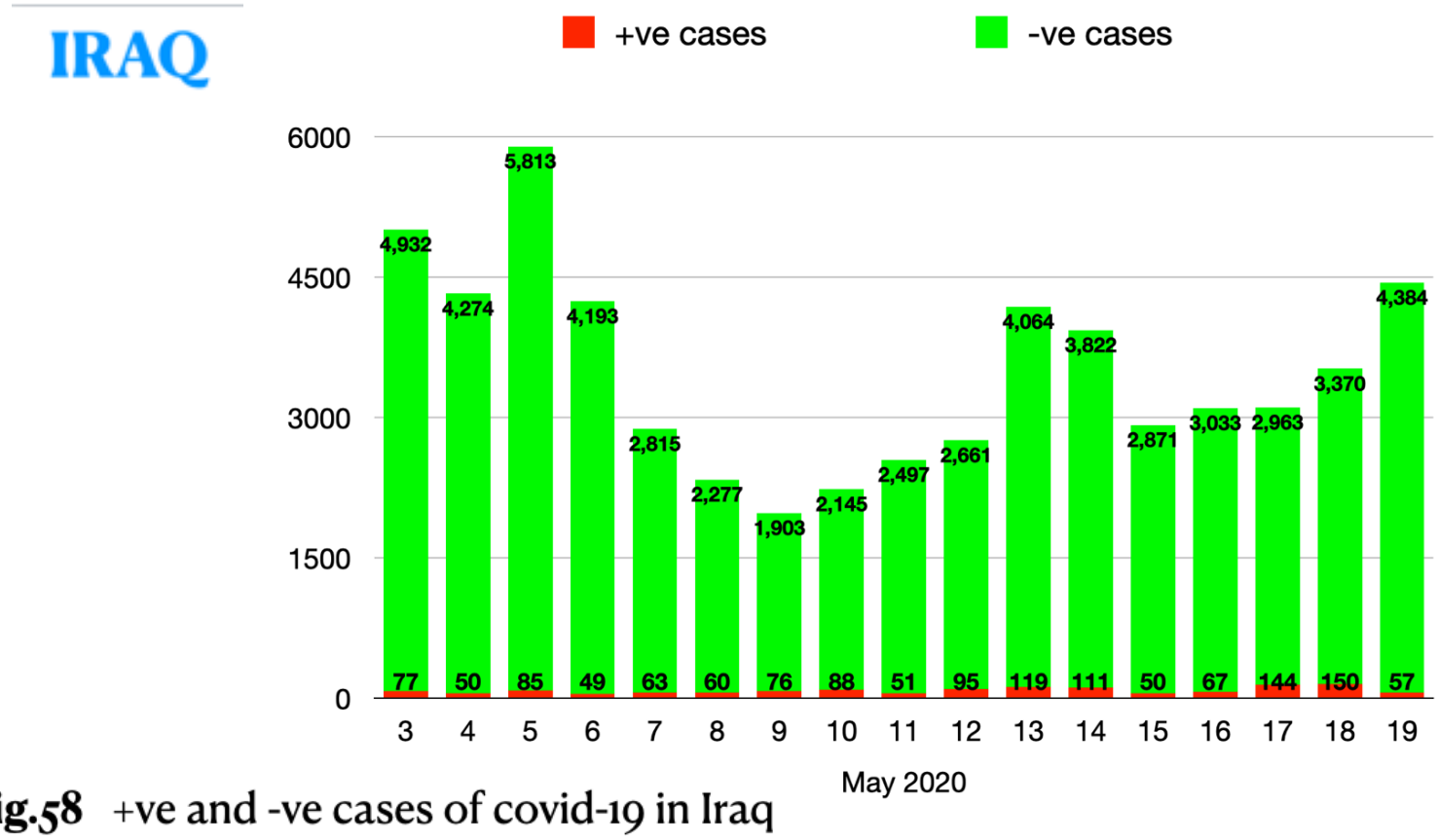

Fig.58 +ve and -ve cases of covid-19 in Iraq

Reference -2

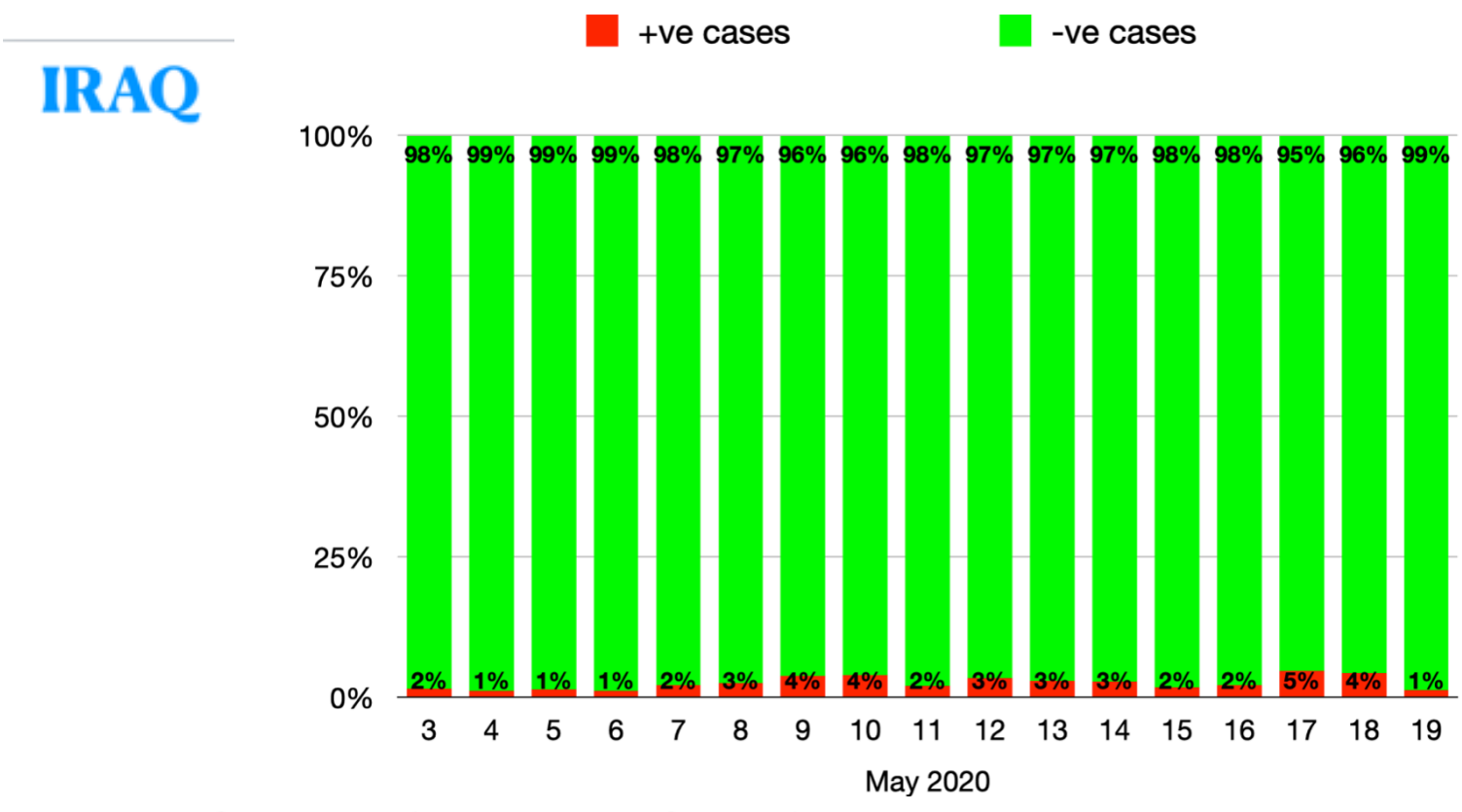

Fig.59 % of +ve and -ve cases of covid-19 in Iraq

Reference -2

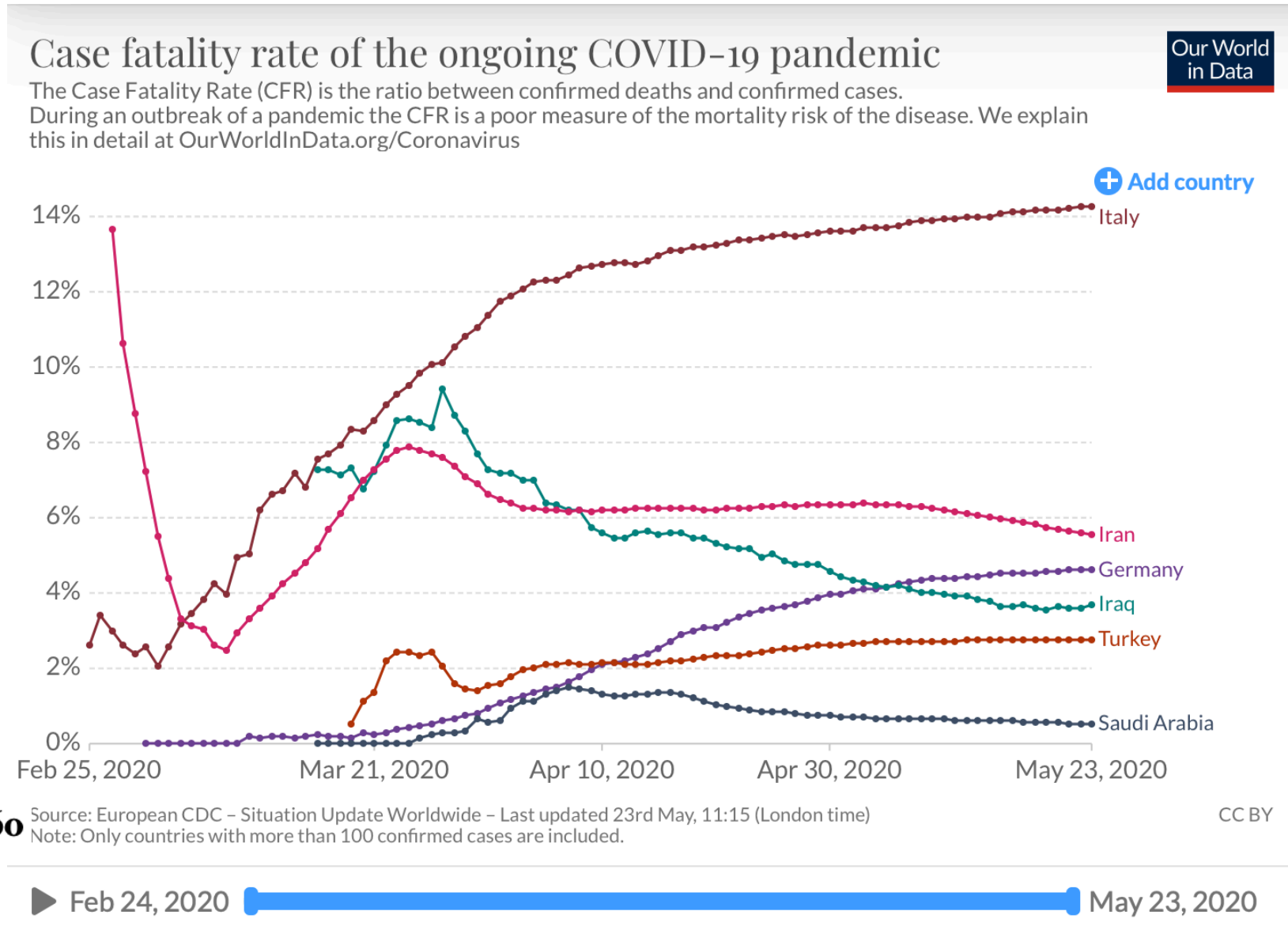

Fig. 60

Reference -3

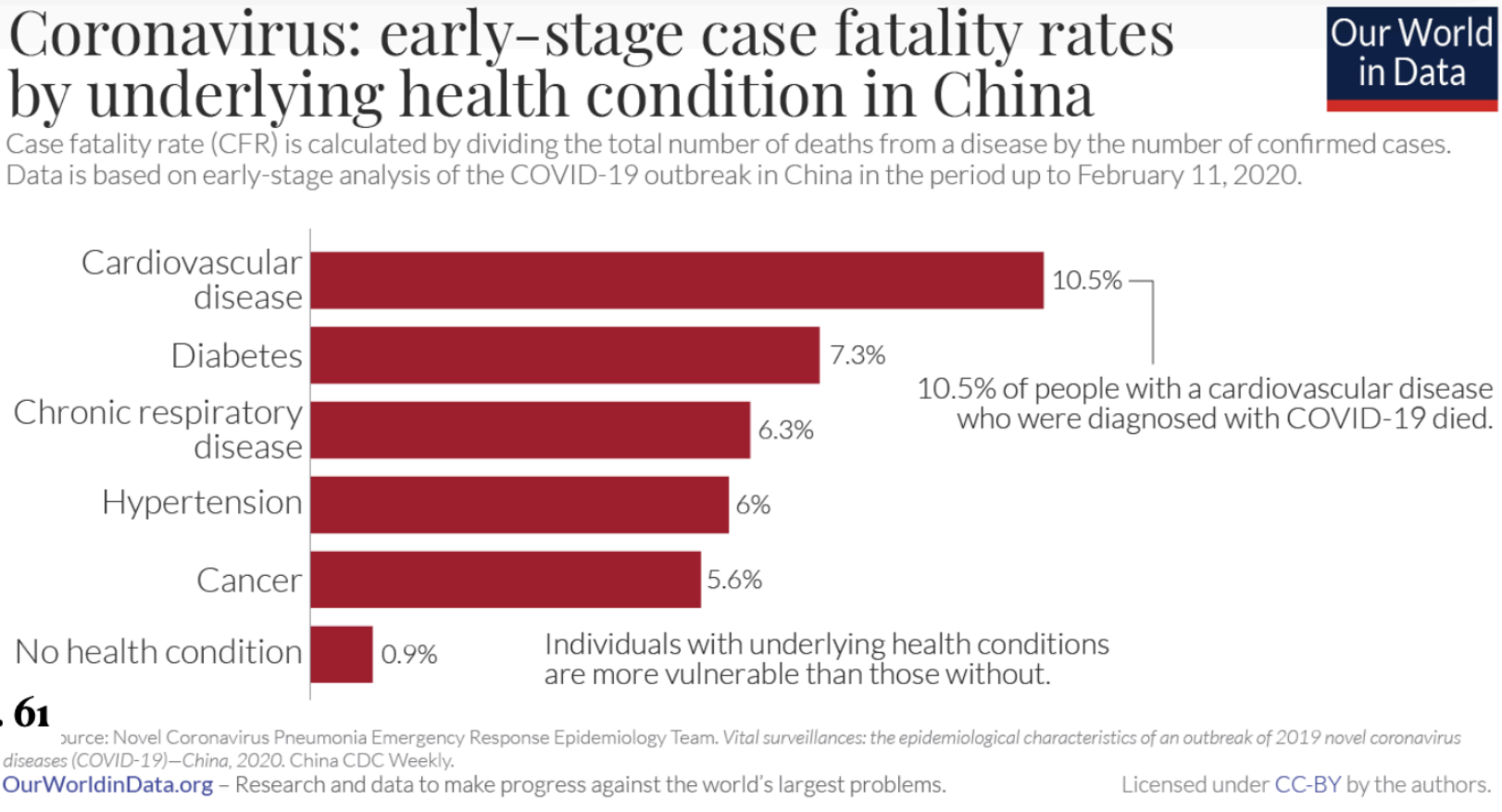

Fig. 61

Reference -3

> 65 years = 1,172,391

اسقاطات سكان العراق حسب فئات العمر والبيئة والجنس لسنة 2018

Table 6

POPULATION PROJECTION OF IRAQ BY AGE GROUP, REGION & SEX FOR 2018

جدول (7/2) ح

مجموع Total			Rural ريف			Urban حضر			فئات العمر Age Groups
مجموع Total	أناث Female	ذكور Male	مجموع Total	أناث Female	ذكور Male	مجموع Total	أناث Female	ذكور Male	
5593902	2722178	2871724	1857572	905794	951778	3736330	1816384	1919946	4-0
5202978	2522917	2680061	1754522	841495	913027	3448456	1681422	1767034	9-5
4631152	2235985	2395167	1569154	756295	812859	3061998	1479690	1582308	14-10
4087040	1985563	2101477	1299266	623687	675579	2787774	1361876	1425898	19-15
3529670	1694073	1835597	1001644	472589	529055	2528026	1221484	1306542	24-20
2839599	1399853	1439746	788452	395068	393384	2051147	1004785	1046362	29-25
2558004	1297336	1260668	723072	375076	347996	1834932	922260	912672	34-30
2207450	1132902	1074548	616809	320070	296739	1590641	812832	777809	39-35
2040090	1026805	1013285	567122	282597	284525	1472968	744208	728760	44-40
1519862	771040	748822	385646	197753	187893	1134216	573287	560929	49-45
991332	549822	441510	217728	127474	90254	773604	422348	351256	54-50
1027206	525265	501941	249443	129530	119913	777763	395735	382028	59-55
723506	377817	345689	181297	94366	86931	542209	283451	258758	64-60
464599	237055	227544	105858	54212	51646	358741	182843	175898	69-65
297840	149382	148458	66685	33535	33150	231155	115847	115308	74-70
172423	94226	78197	40808	22838	17970	131615	71388	60227	79-75
237529	140710	96819	70771	40871	29900	166758	99839	66919	80+
38124182	18862929	19261253	11495849	5673250	5822599	26628333	13189679	13438654	المجموعTotal

ملاحظة : الاسقاطات محتسبة بأستخدام برنامج spectrum .

ijection calculated by using Spectrum program.

Reference-4

الوفيات المسجلة حسب المحافظة والجنس لسنة 2016

Table 7

REGISTERED DEATHS BY GOVERNORATE AND GENDER FOR 2016

جدول (11/10) أ

Governorate	المجموع Total	اناث Female	ذكور Male	المحافظة
Nineveh	6114	2584	3530	نينوى **
Kirkuk	5480	2242	3238	كركوك
Diala	6192	2718	3474	ديالى
Al-Anbar	3112	927	2185	الانبار **
Baghdad	44521	17708	26813	بغداد
Babylon	7908	3482	4426	بابل
Kerbela	5593	2551	3042	كربلاء
Wasit	5143	2416	2727	واسط
Salah Al-deen	2227	900	1327	صلاح الدين **
Al-Najaf	6704	3106	3598	النجف
Al-Qadisiya	4784	2214	2570	القادسية
Al-Muthanna	2933	1429	1504	المثنى
Thi-Qar	7528	3511	4017	ذي قار
Maysan	3357	1502	1855	ميسان
AL-Basrah	11745	5313	6432	البصرة
Kurdistan Region:				اقليم كردستان:
Duhouk	5800	2532	3268	دهوك
Erbil	6025	2480	3545	اربيل
AL-Sulaimaniya	4945	2065	2880	السليمانية *
Total	140111	59680	80431	المجموع

Source: Ministry of Health

المصدر : وزارة الصحة

* Not Available

* NA المعلومات غير متوفرة

Sulaimaniya without halabsha

* السليمانية بدون حلبجة

all governorate included

** لا يشمل كل المحافظة

140 , 111

Reference-4

عدد حوادث الطرق حسب نوع وخطورة الحادث للسنوات 2002-2016

NO. OF ROAD ACCEDENTS BY KIND AND SERIOUSNESS FOR THE YEARS 2002 - 2016

Table 8

جدول (10/6)

خطورة الحادث Accidents seriousness			نوع الحادث Accidents kind				السنة
غير مميتة Non Fatal	مميتة Fatal	المجموع Total	اخرى Another	دهس Runover	انقلاب Turnover	اصطدام Crash	Year
6993	1542	8535	-	5194	470	2871	2002*
5593	1233	6826	-	4154	375	2297	2003*
6711	1480	8191	-	4984	450	2757	2004*
7382	1628	9010	-	5482	495	3033	2005*
2453	936	3389	72	1595	352	1370	2006
2190	945	3135	71	1335	381	1348	2007
3874	1628	5502	200	2503	552	2247	2008
5497	1955	7452	89	3360	826	3177	2009
6667	2194	8861	87	3661	1011	4102	2010
7710	2372	10082	125	4025	1161	4771	2011
7809	2900	10709	84	4174	1320	5131	2012
7124	2601	9725	76	3793	1288	4568	2013
6283	2531	8814	91	3442	993	4288	2014
6608	2228	8836	218	3405	1000	4213	2015
6560	2203	8763	144	3431	946	4242	2016

*Estimated Numbers

(-) Unavailable data

Source: Ministry Interior/ Deputy for Police Affairs

* أعداد مقدرة

(-) بيانات غير متوفرة

المصدر: وزارة الداخلية / وكالة الوزارة لشؤون الشرطة

2,203

Reference-4

اسقاطات السكان حسب المحافظات والبيئة لسنة 2018

POPULATION PROJECTION BY GOVERNORATES AND REGION FOR 2018

Table 9

جدول (6/2) ح

Governorate	Total مجموع	Rural ريف	Urban حضر	المحافظة
	مجموع Total	مجموع Total	مجموع Total	
Ninevah	3729998	1468069	2261929	نينوى
Kirkuk	1597876	416770	1181106	كركوك
Diala	1637226	831689	805537	ديالى
Al-Anbar	1771656	885541	886115	الانبار
Baghdad	8126755	1016521	7110234	بغداد
Babylon	2065042	1068157	996885	بابل
Kerbala	1218732	403860	814872	كربلاء
Wasit	1378723	548940	829783	واسط
Salah AL- Deen	1595235	875894	719341	صلاح الدين
Al-Najaf	1471592	420626	1050966	النجف
Al-Qadisiya	1291048	551447	739601	القادسية
Al-Muthanna	814371	444538	369833	المثنى
Thi Qar	2095172	750362	1344810	ذي قار
Maysan	1112673	290820	821853	ميسان
Basrah	2908491	546368	2362123	البصرة
(15) Governorate Total	32814590	10519602	22294988	مجموع 15 محافظة
Kurdistan Region:				محافظات اقليم كردستان:
Erbil	1854778	310687	1544091	اربيل
Duhouk	1292535	335400	957135	دهوك
AL-Sulaimaniya	2162279	330160	1832119	السليمانية
Total of K.R	5309592	976247	4333345	مجموع محافظات الاقليم
Iraq Grand total	38124182	11495849	26628333	المجموع الكلي للعراق

Note :population projection calculated according to numbering & listing results 2009 .

ملاحظة : اسقاطات السكان محتسبة حسب نتائج الترقيم والحصر 2009

Reference-4

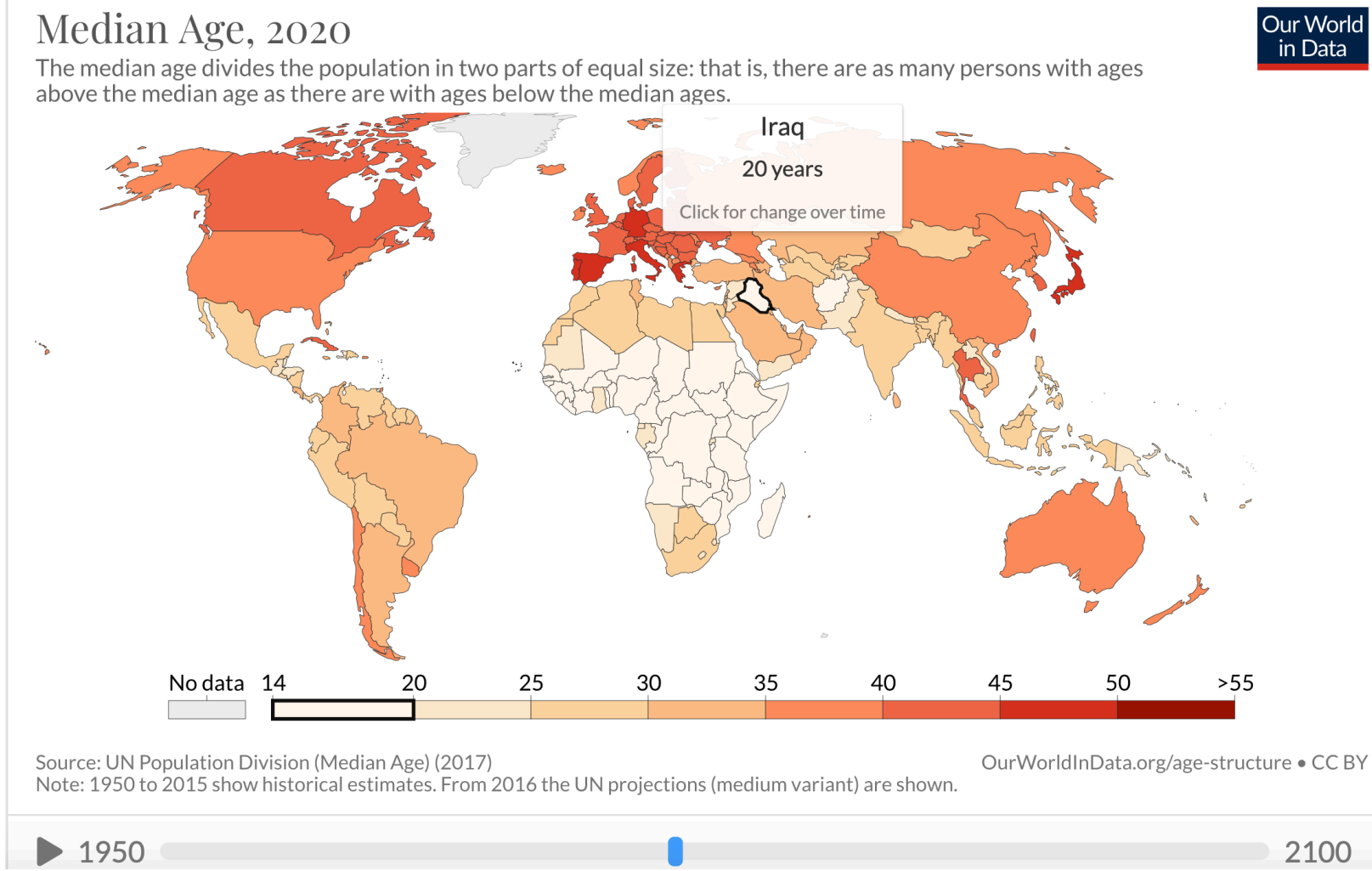

Fig. 62

Reference -3

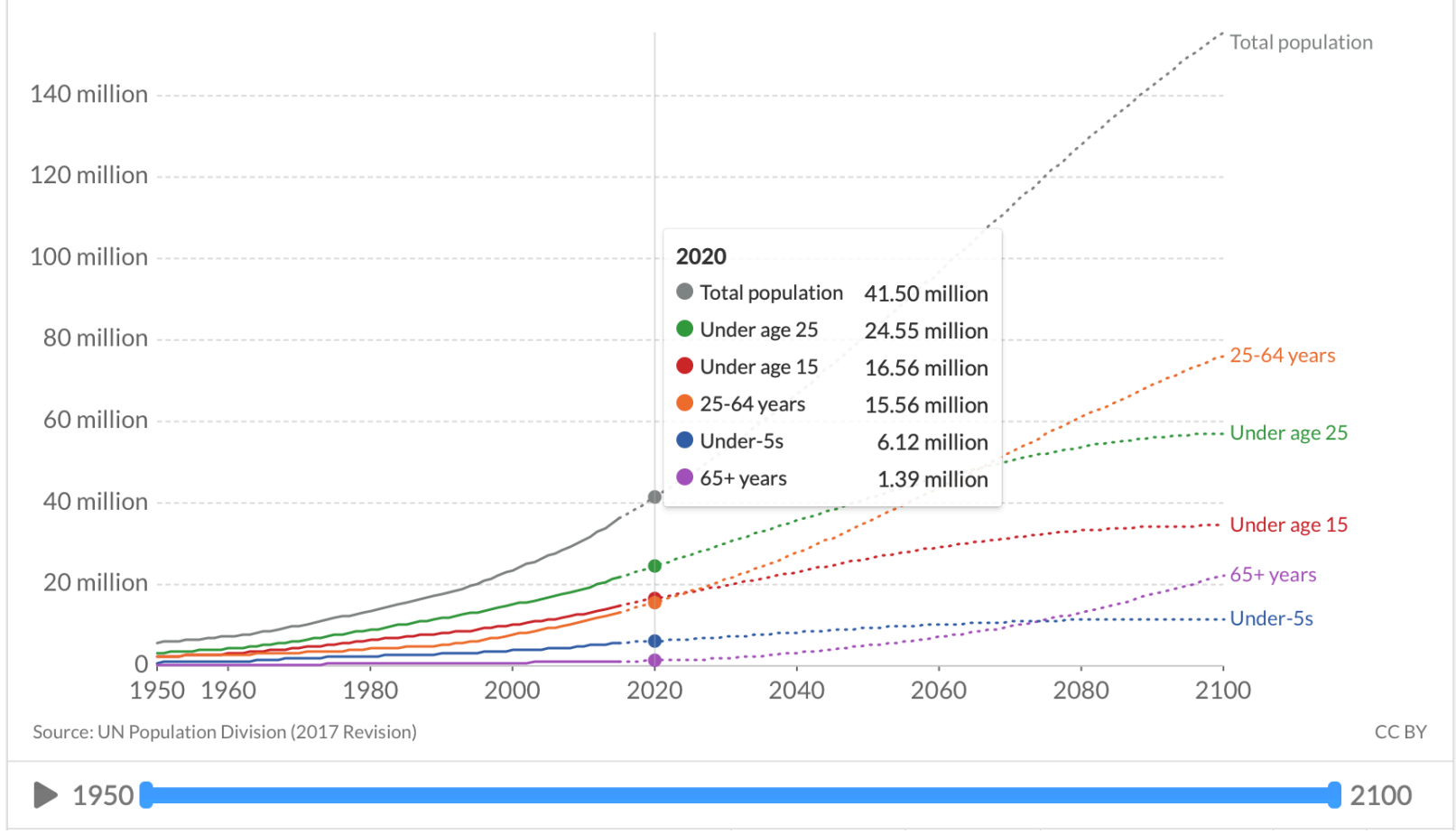

Fig. 63

Reference -3

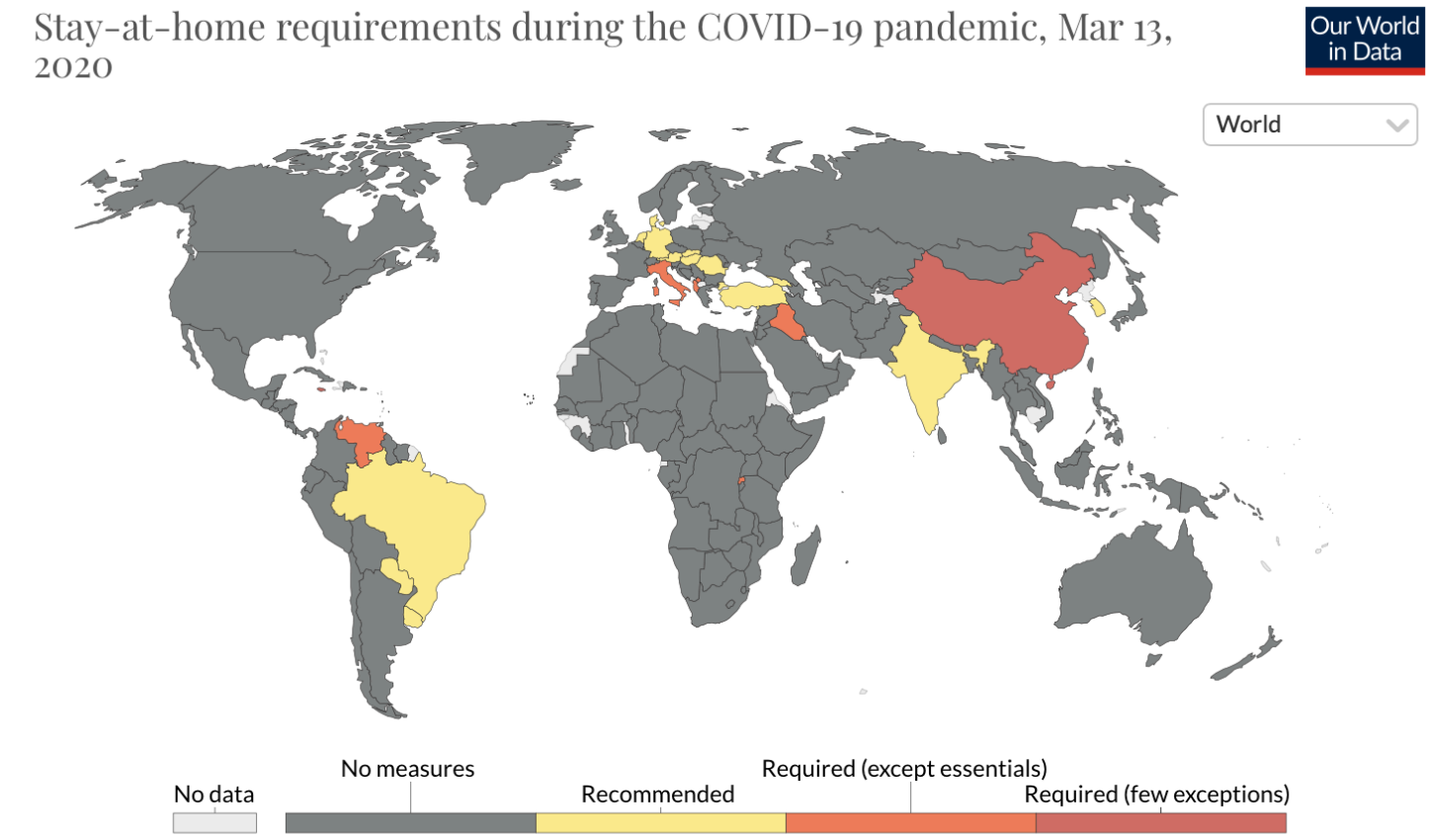

Fig. 64 Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May. CC BY

Reference -3

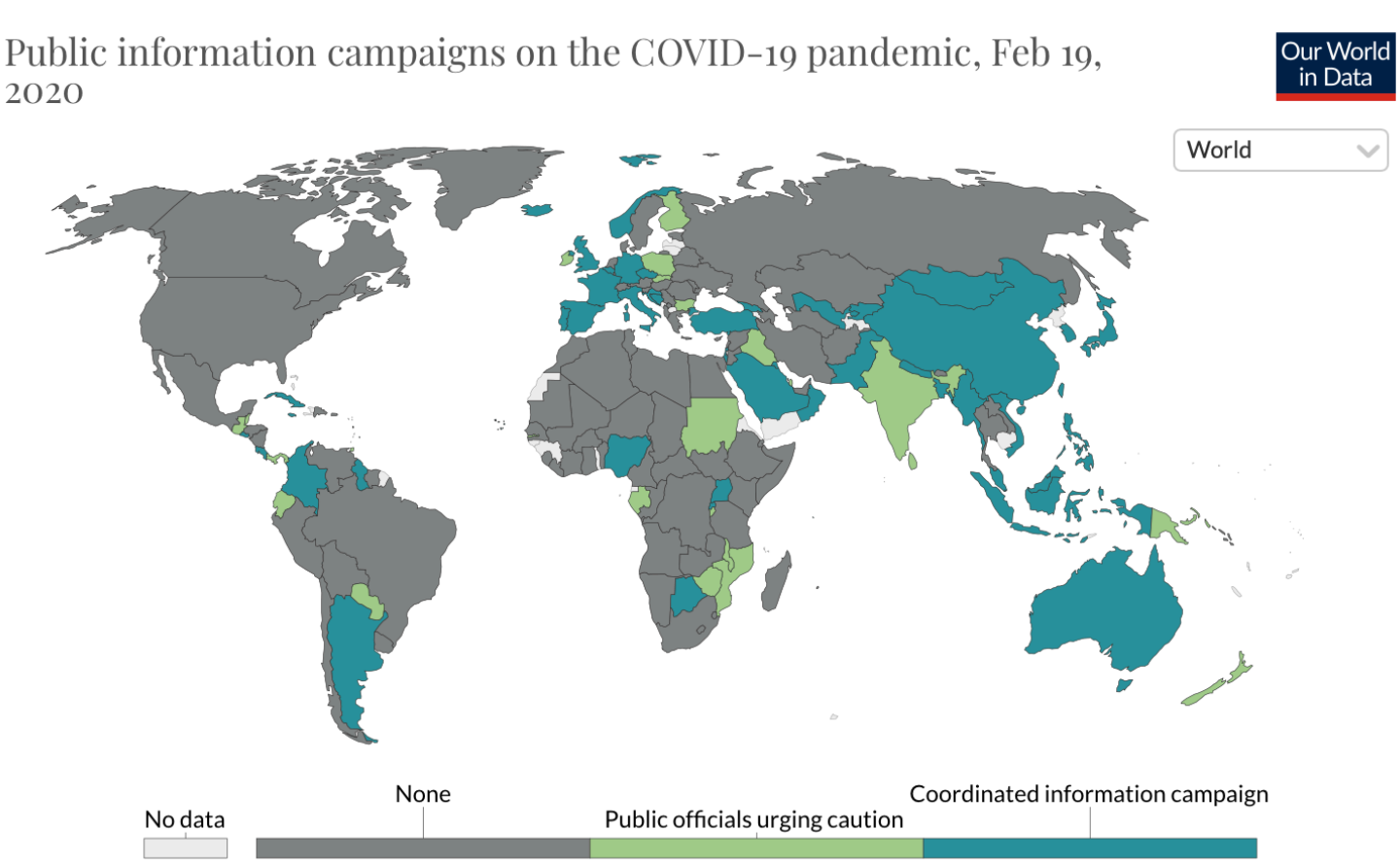

Fig. 65 Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May. CC BY

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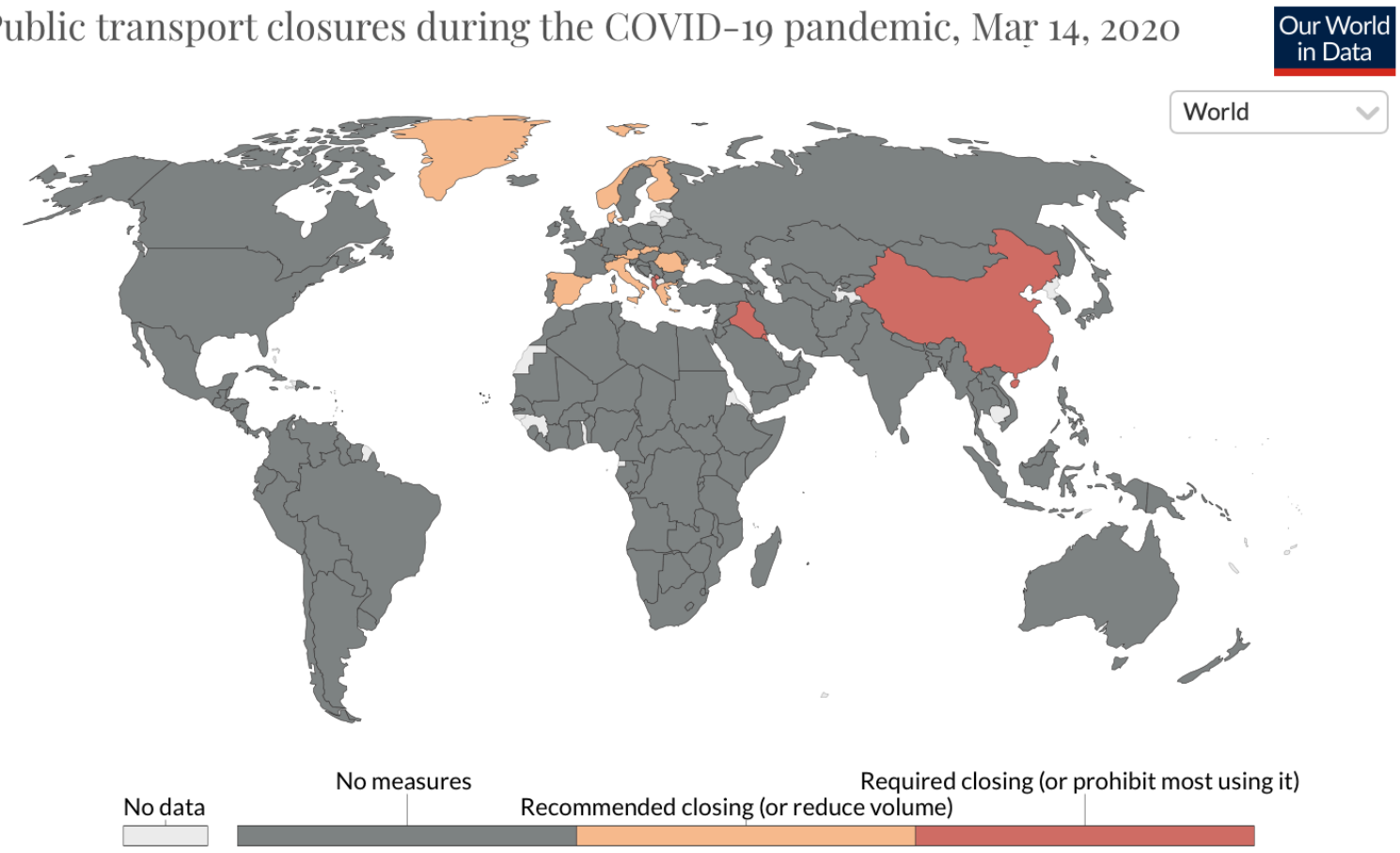
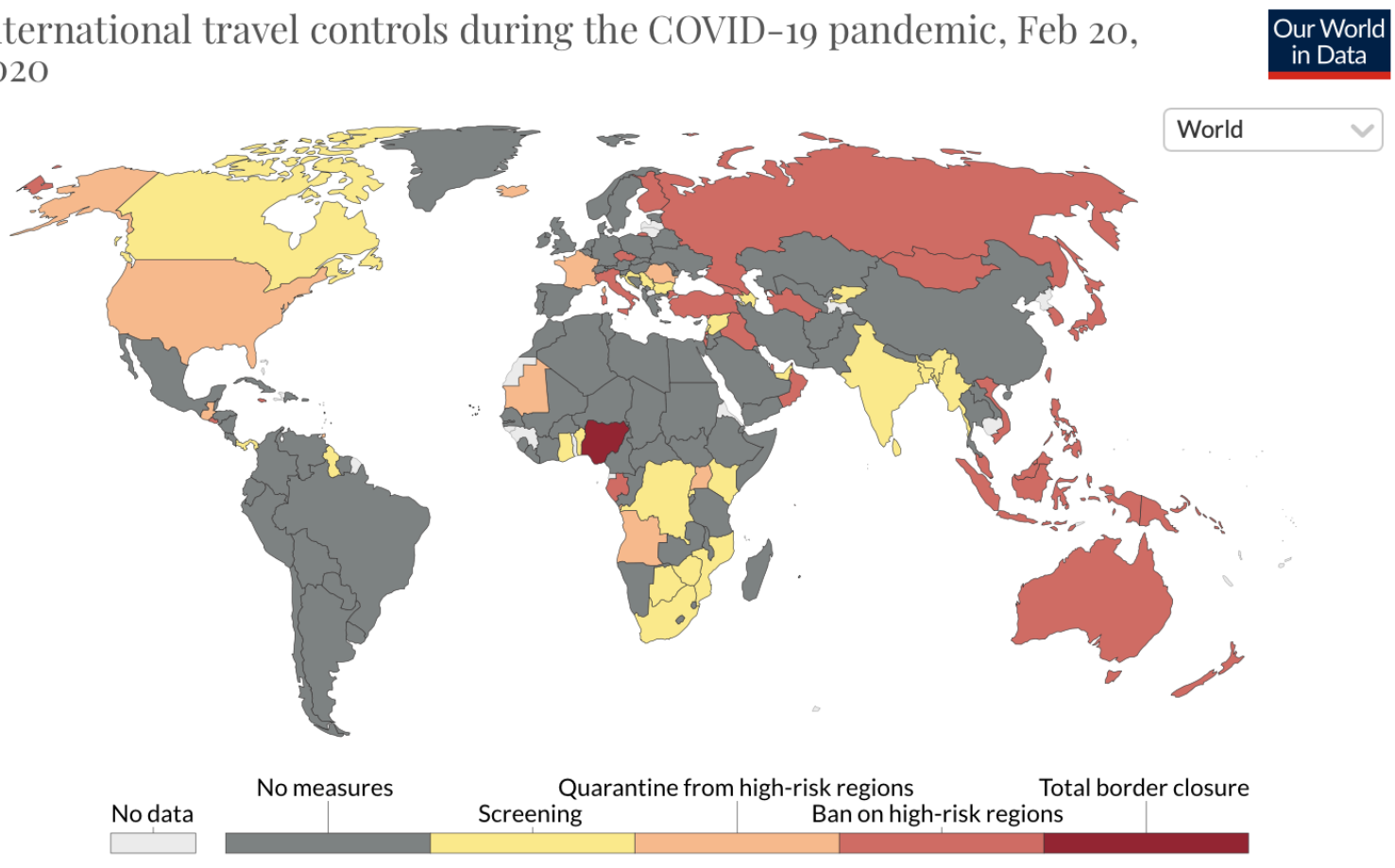


Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May. CC BY

Fig. 66

Reference -3



Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May. CC BY

Fig. 67

Reference -3

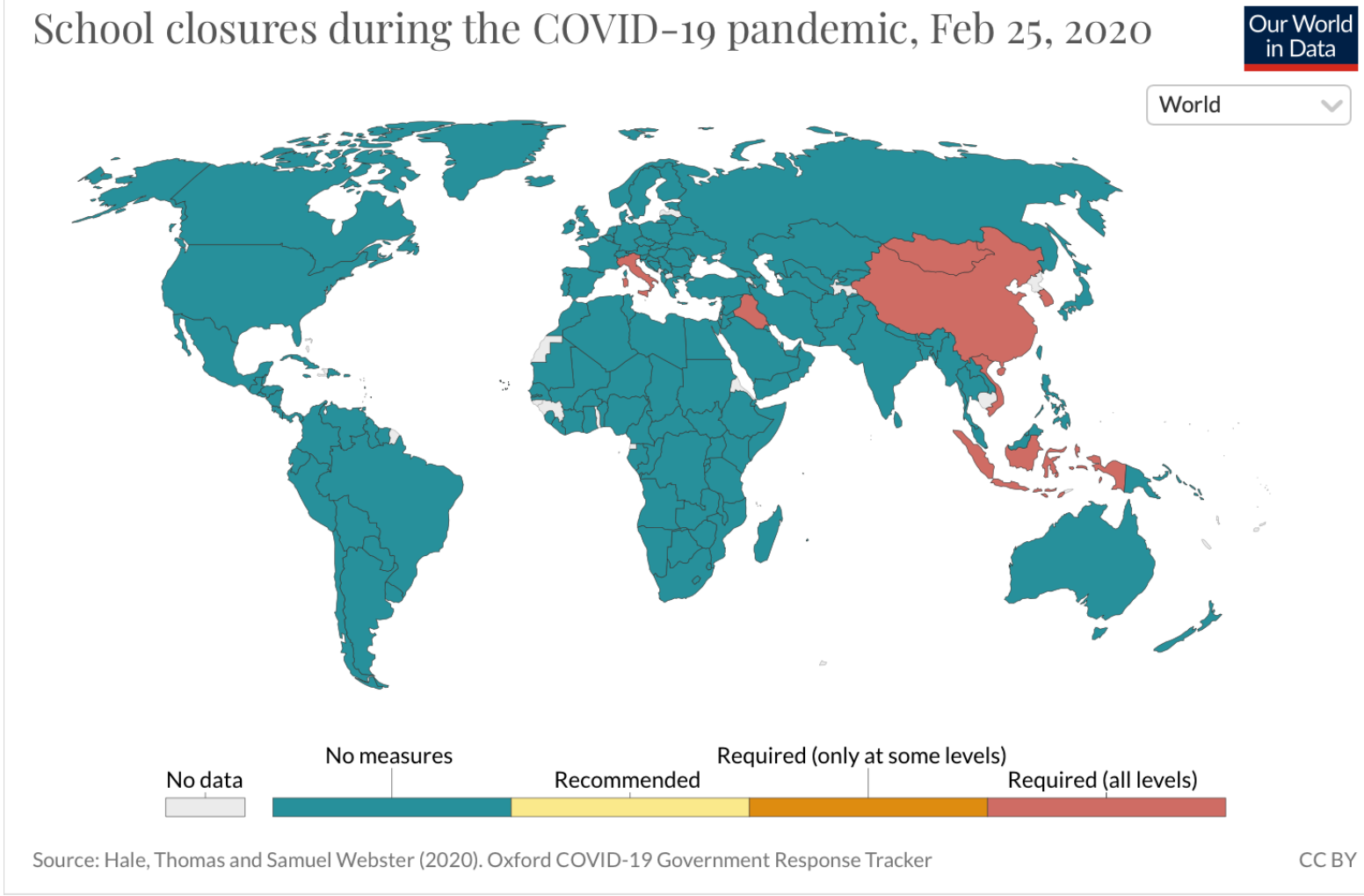


Fig. 68

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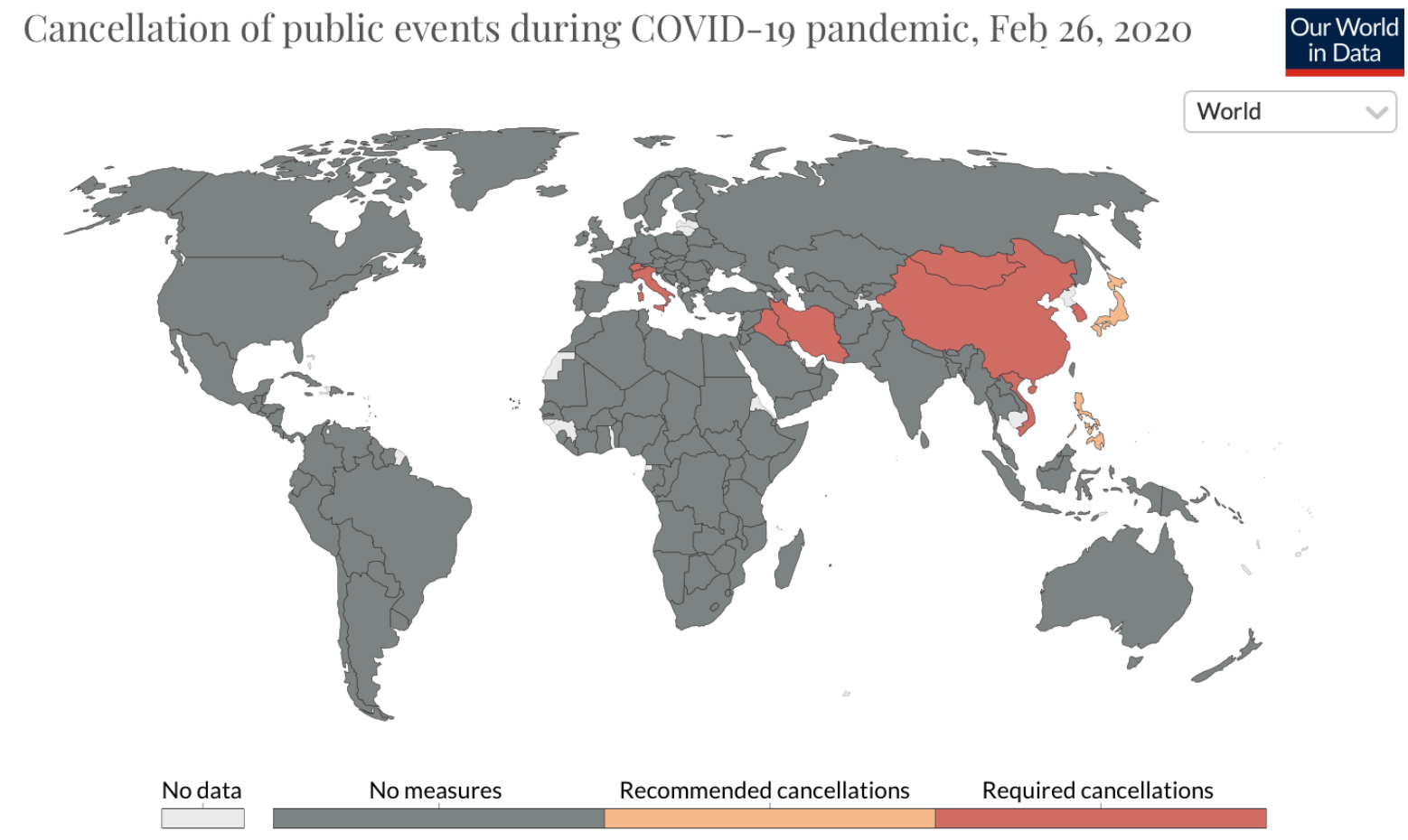

Fig. 69 Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May. CC BY

Reference -3

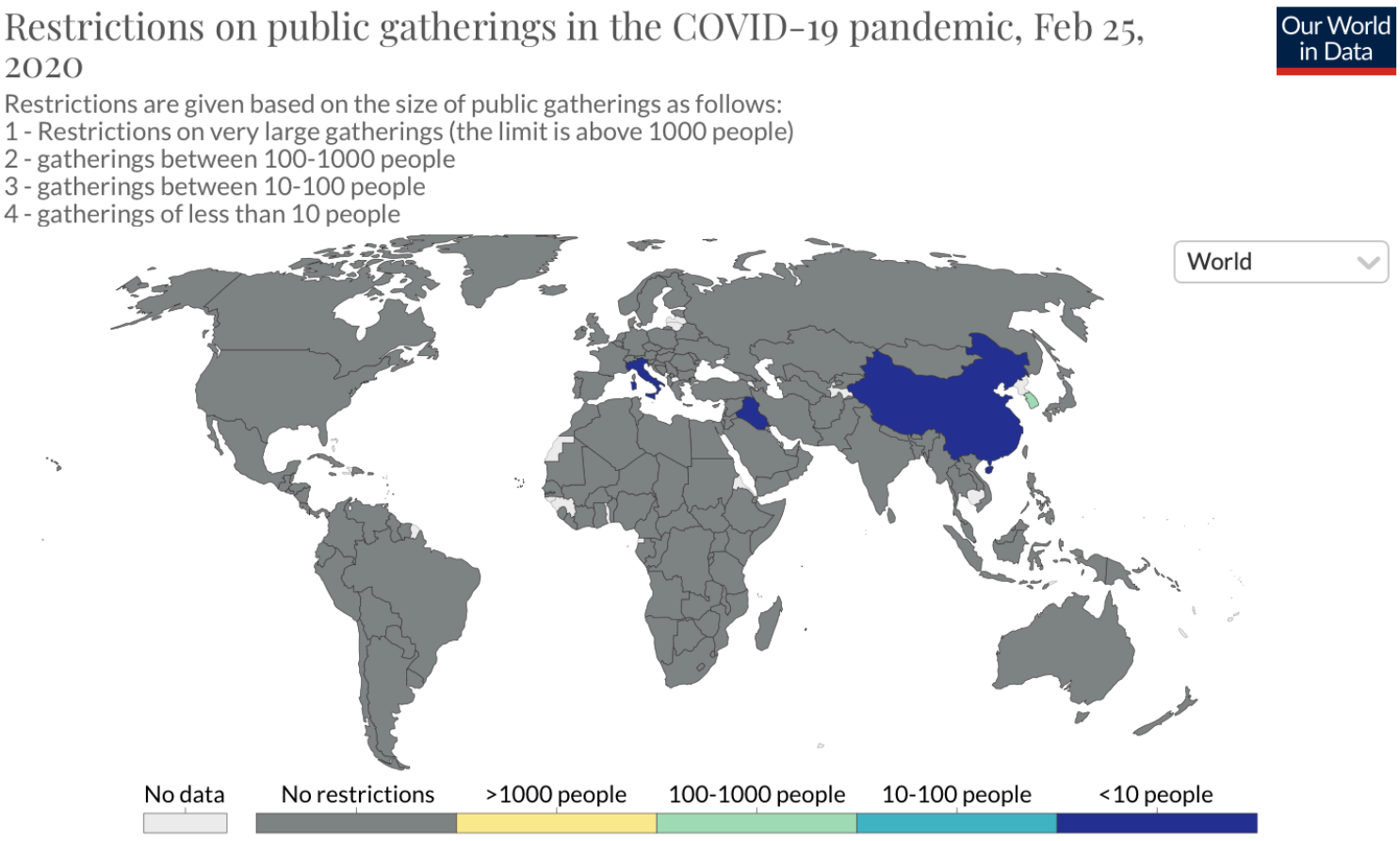

Fig. 70

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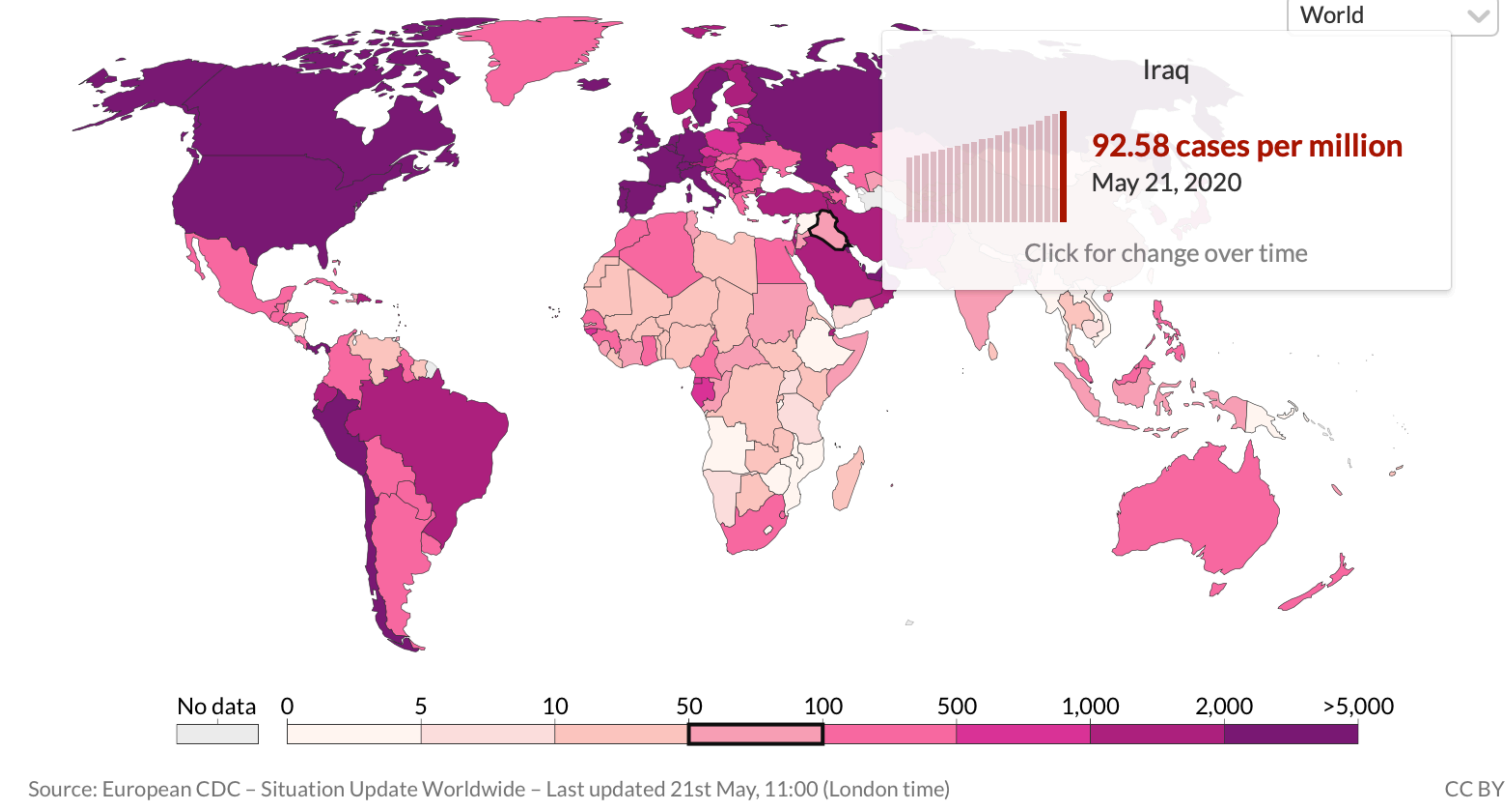

Fig. 71

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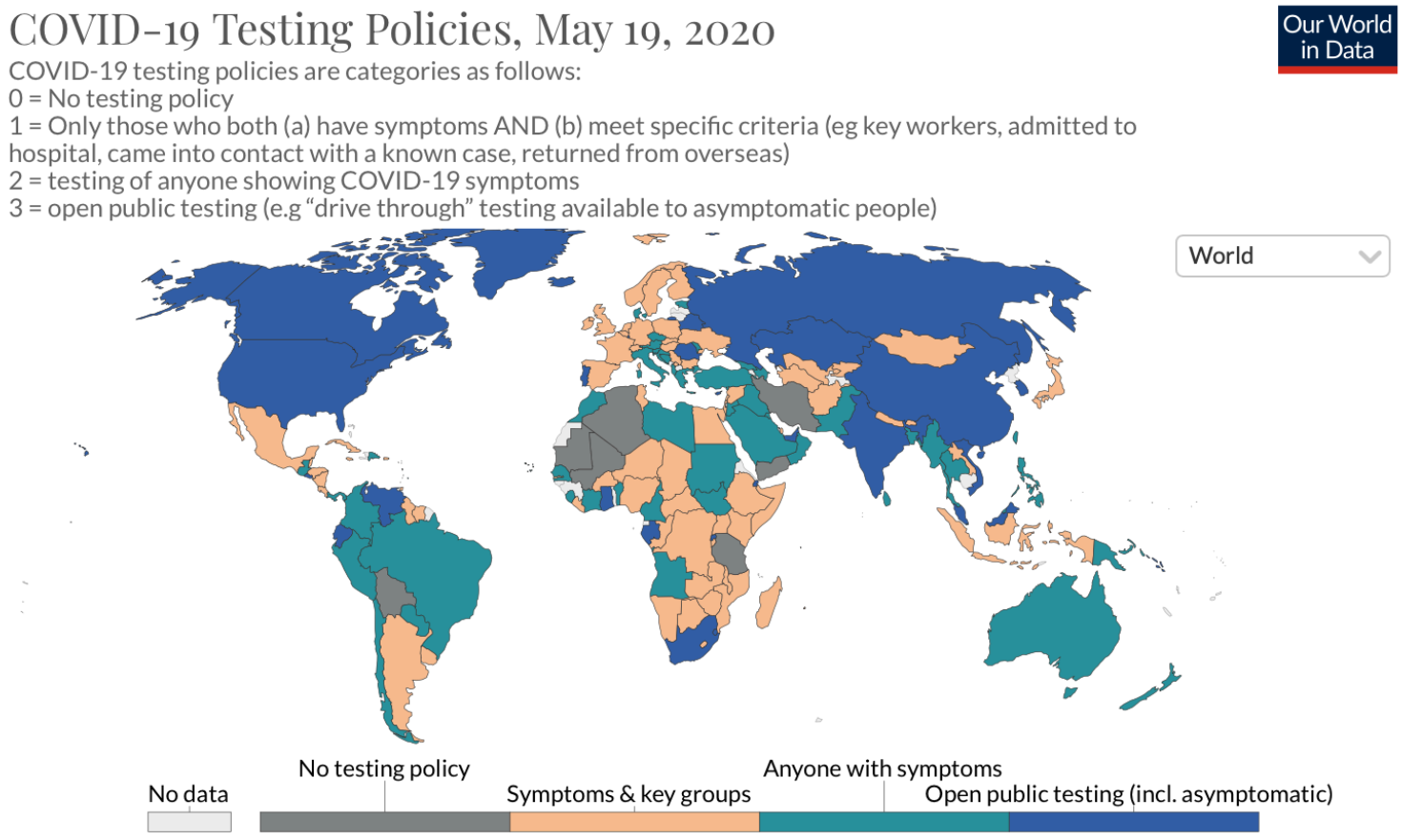

Fig. 72

Source: Hale, Webster, Petherick, Phillips, and Kira (2020). Oxford COVID-19 Government Response Tracker – Last Updated 21st May.
CC BY

Reference -3

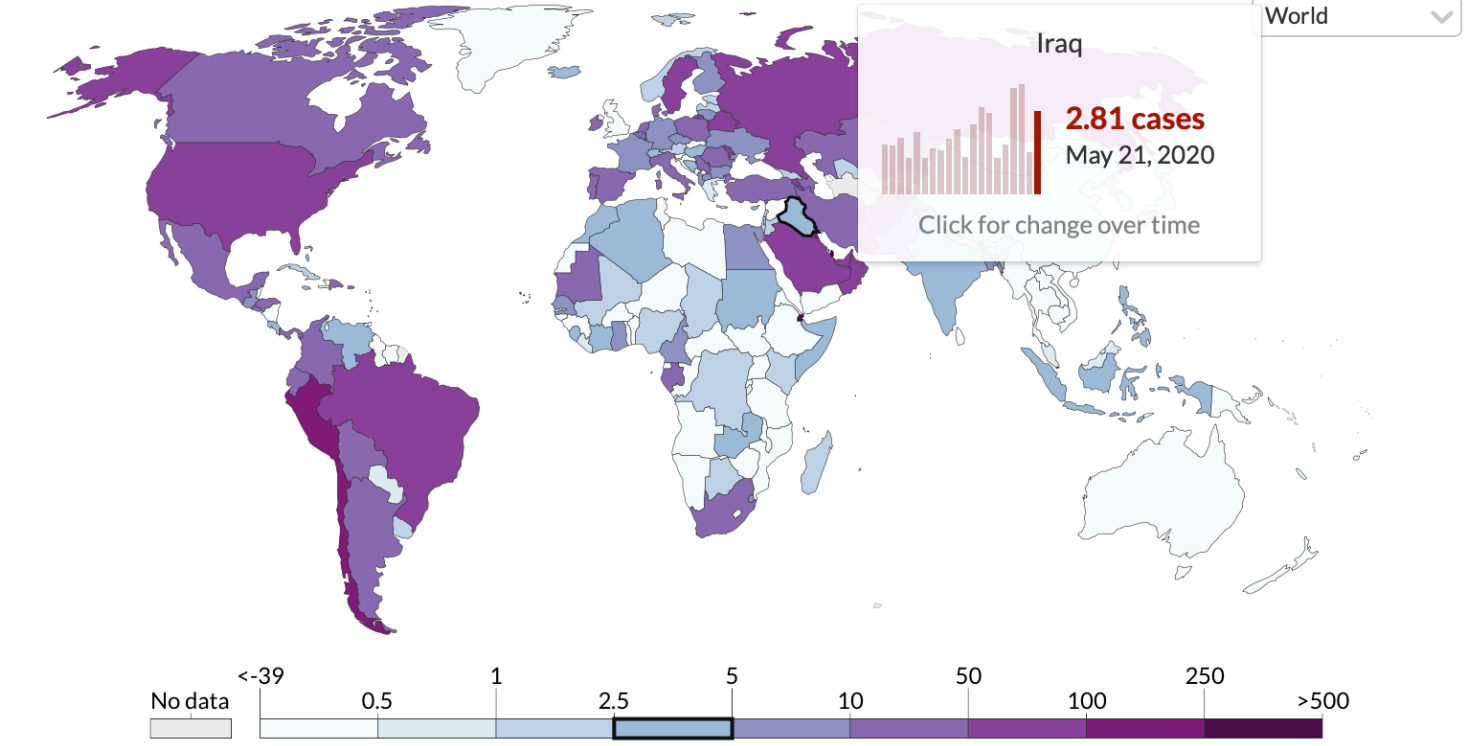

Fig. 73

Source: European CDC – Situation Update Worldwide – Last updated 21st May, 11:00 (London time)

CC BY

Reference -3

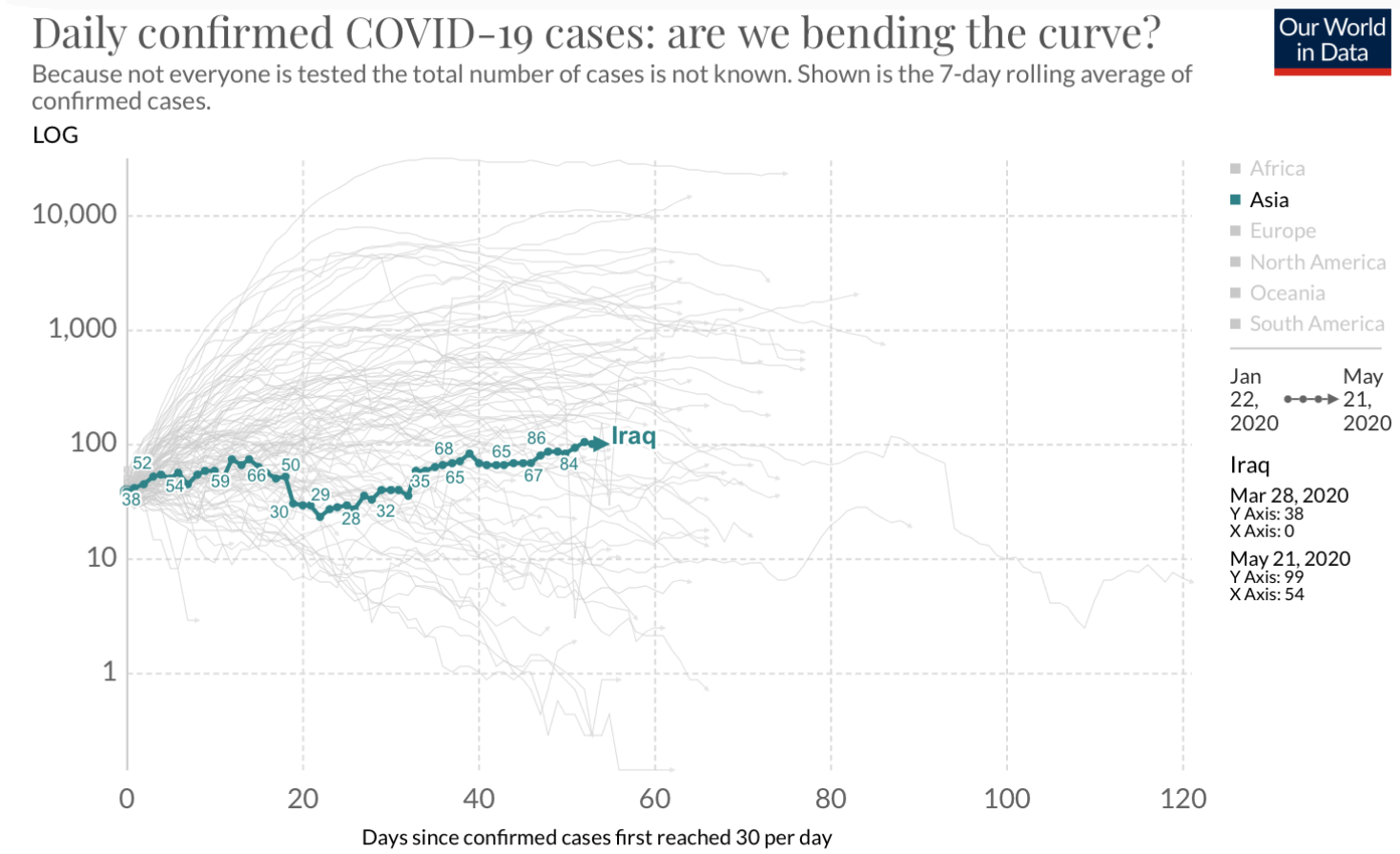

Fig. 74

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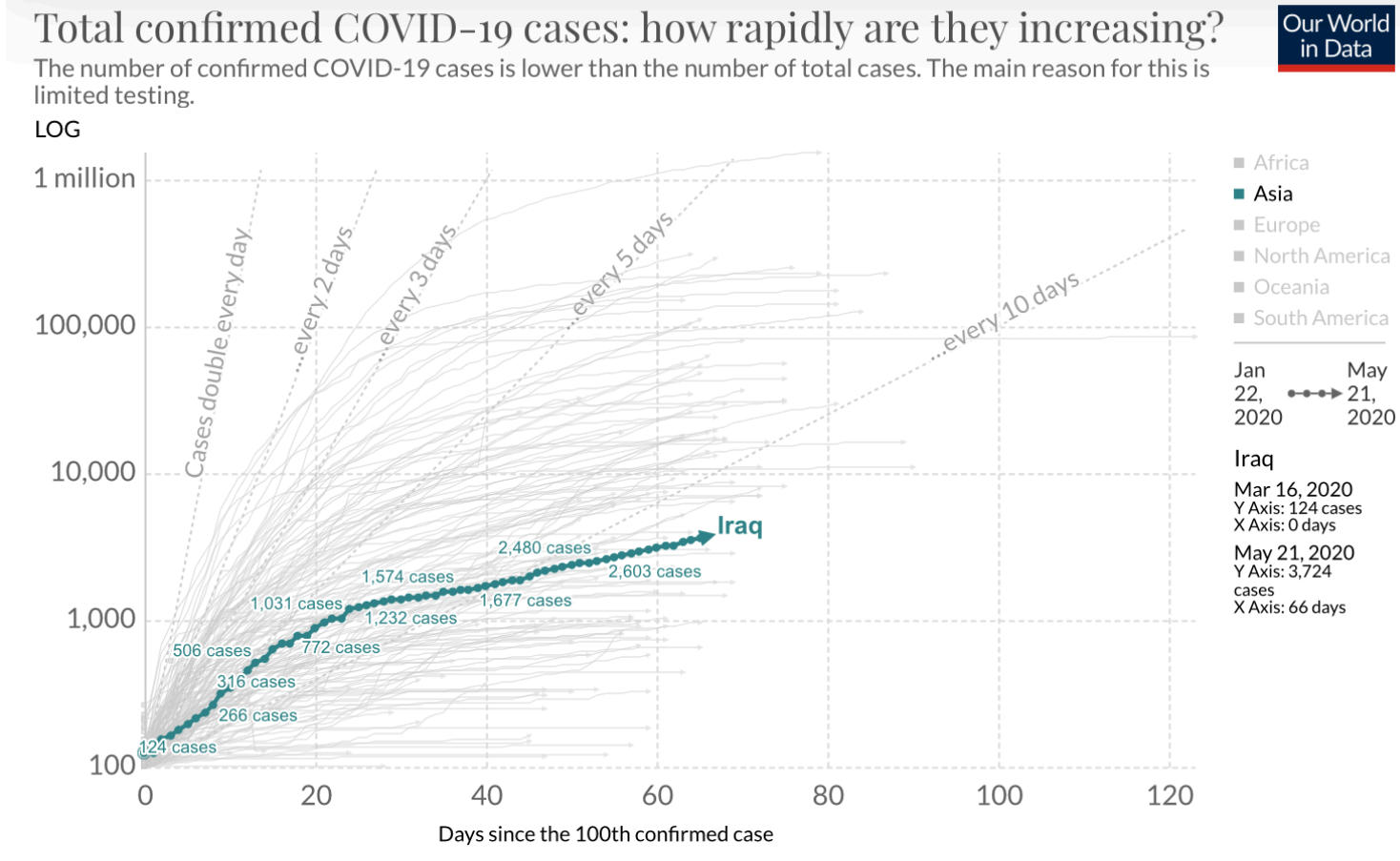

Fig. 75

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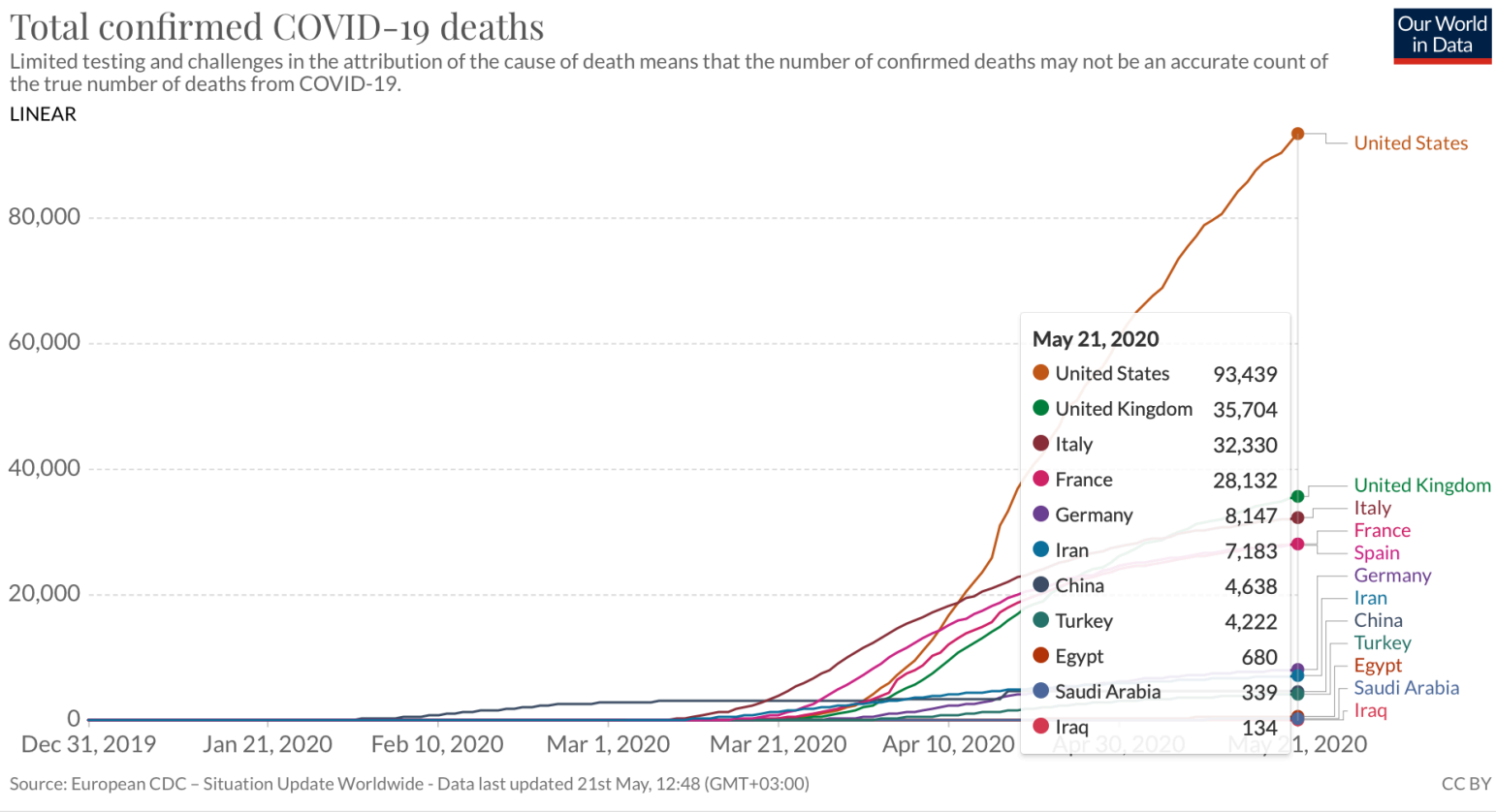

Fig. 76

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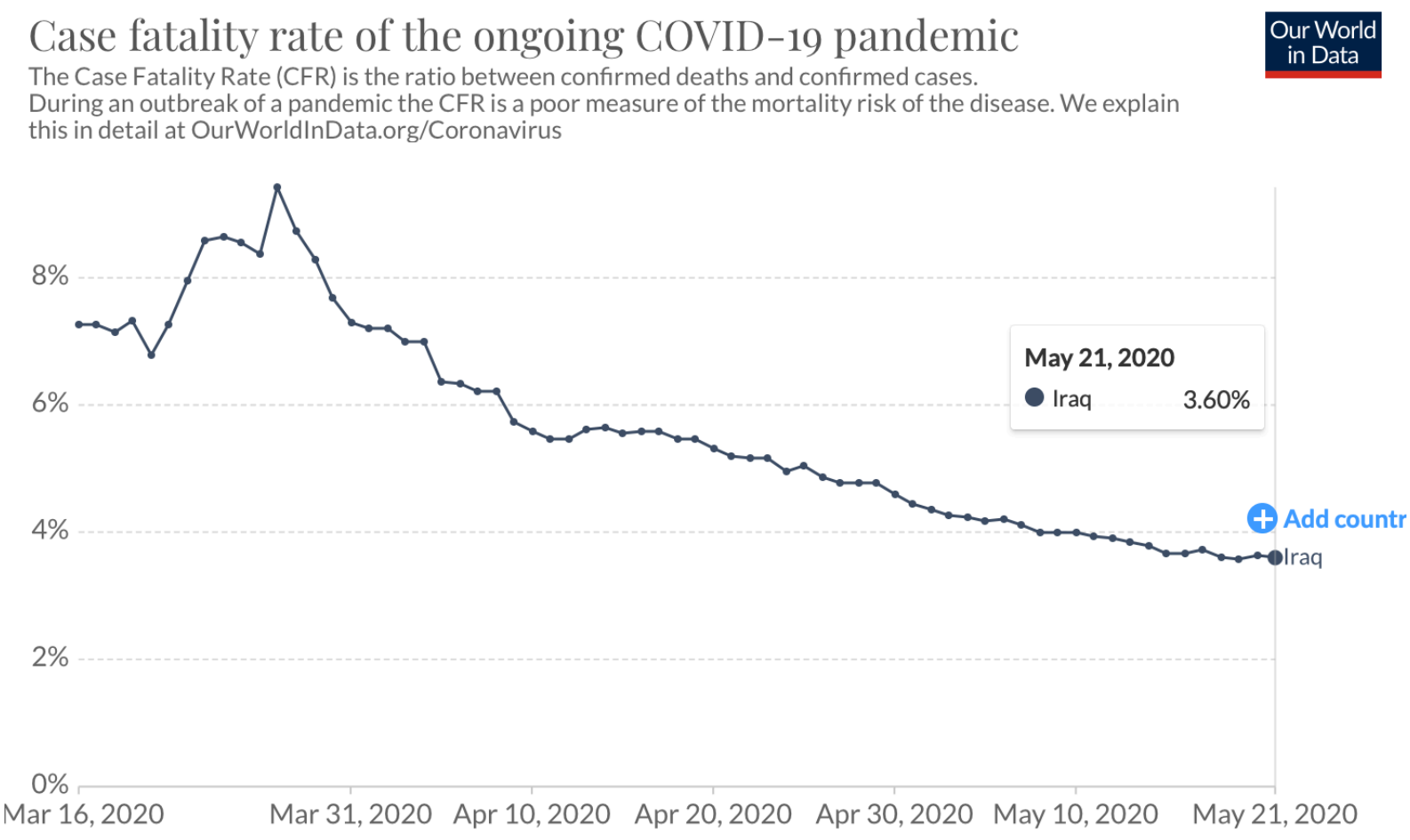

Fig. 77

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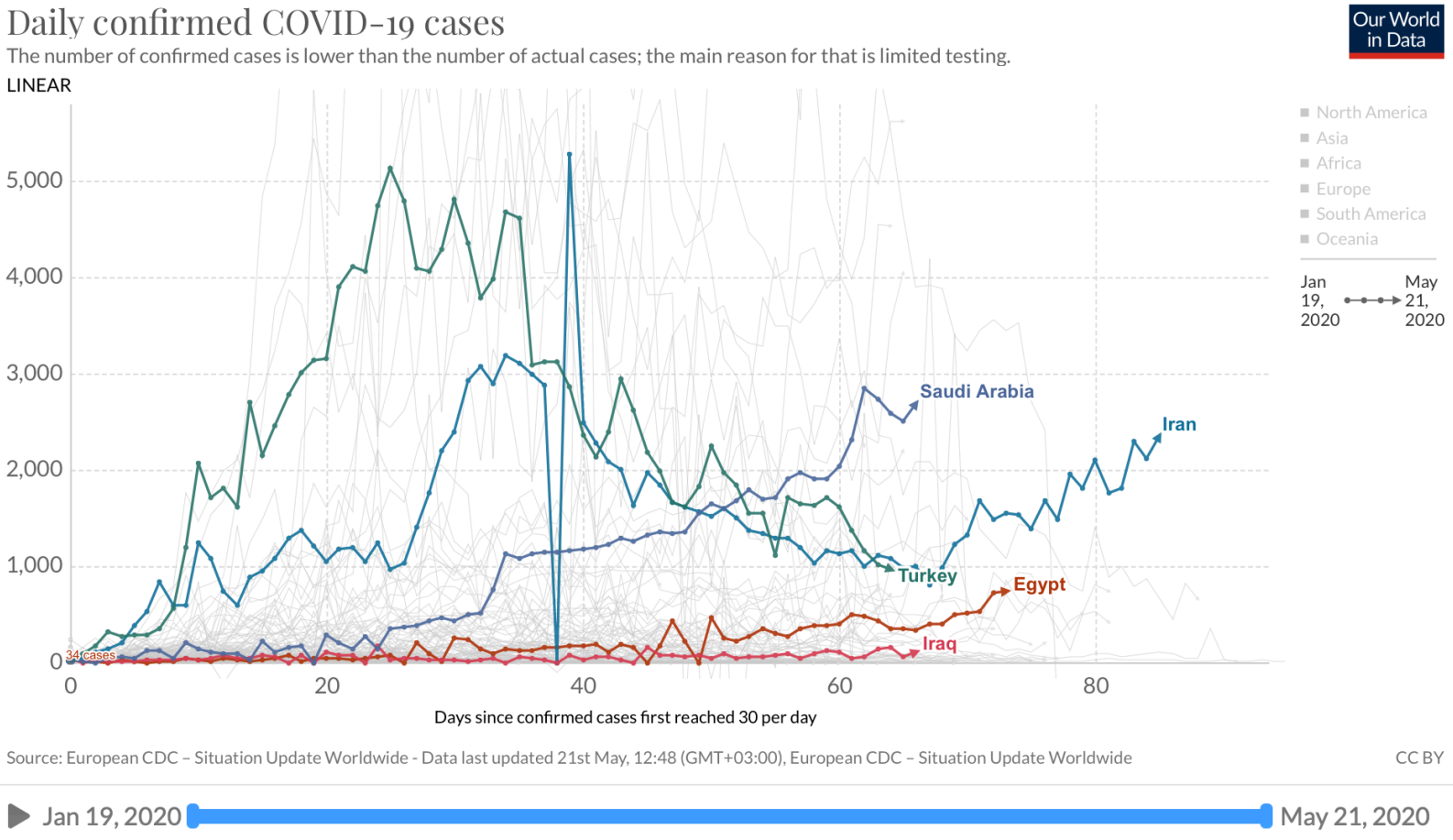

Fig. 78

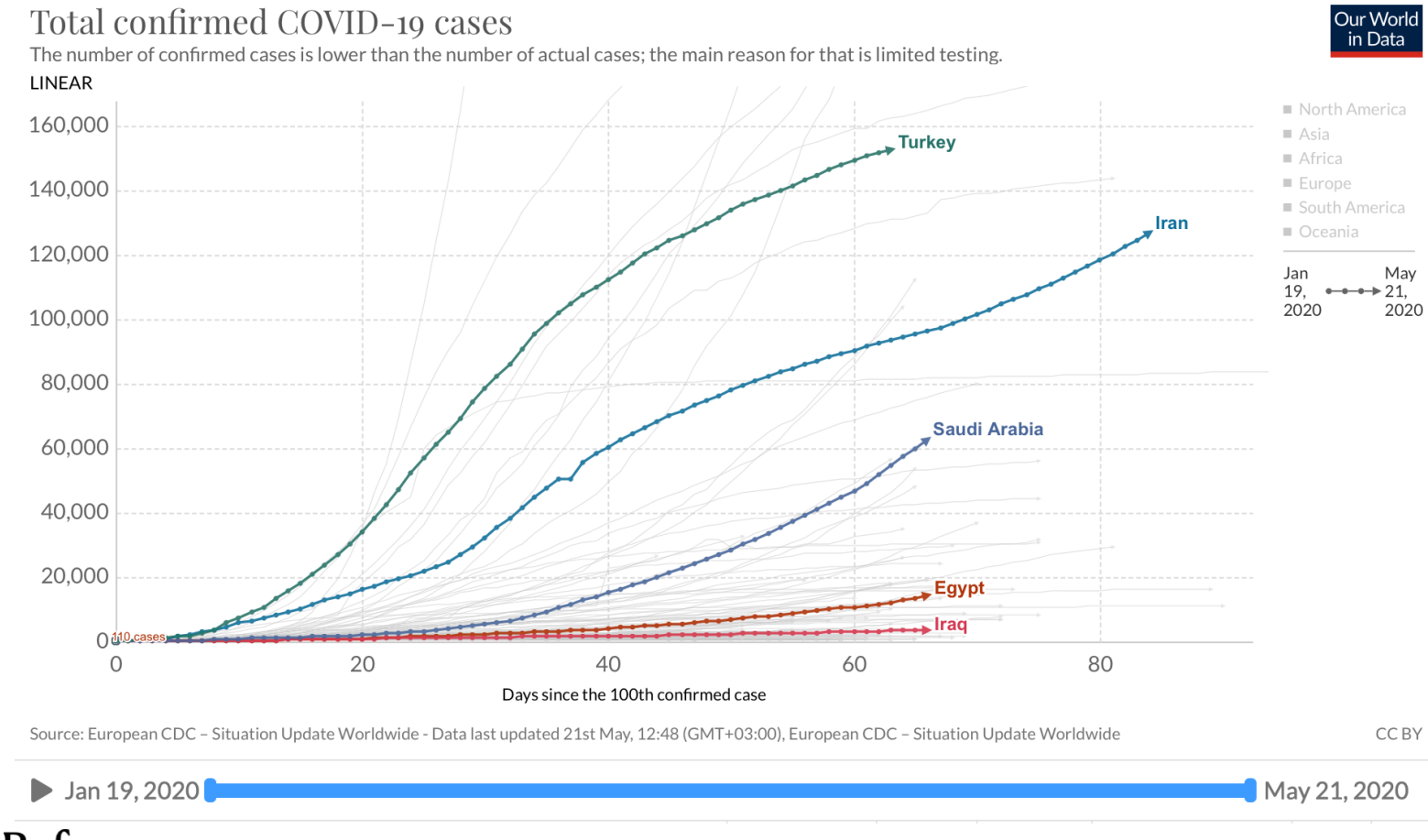

Fig. 79

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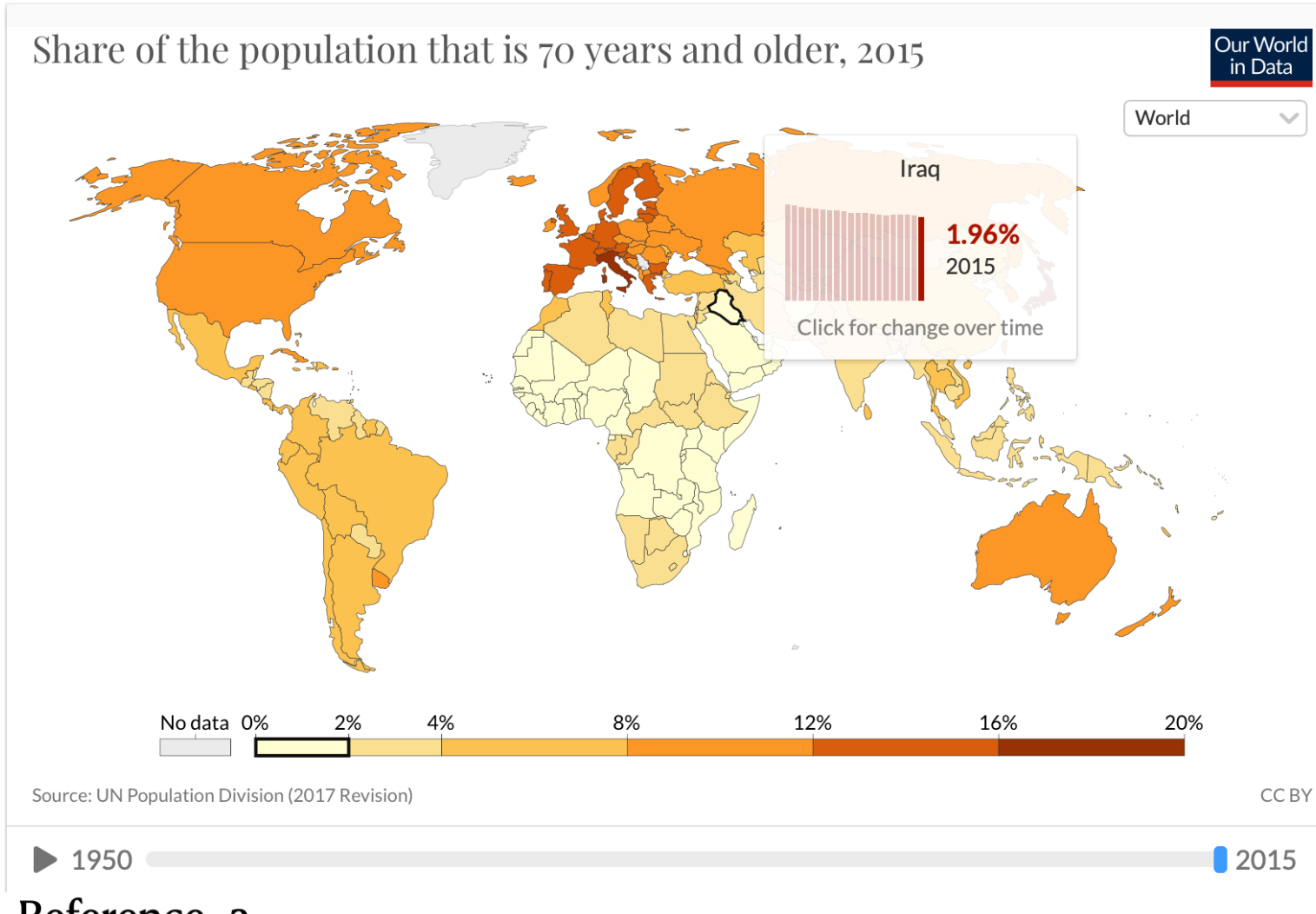

Fig. 80

Reference -3

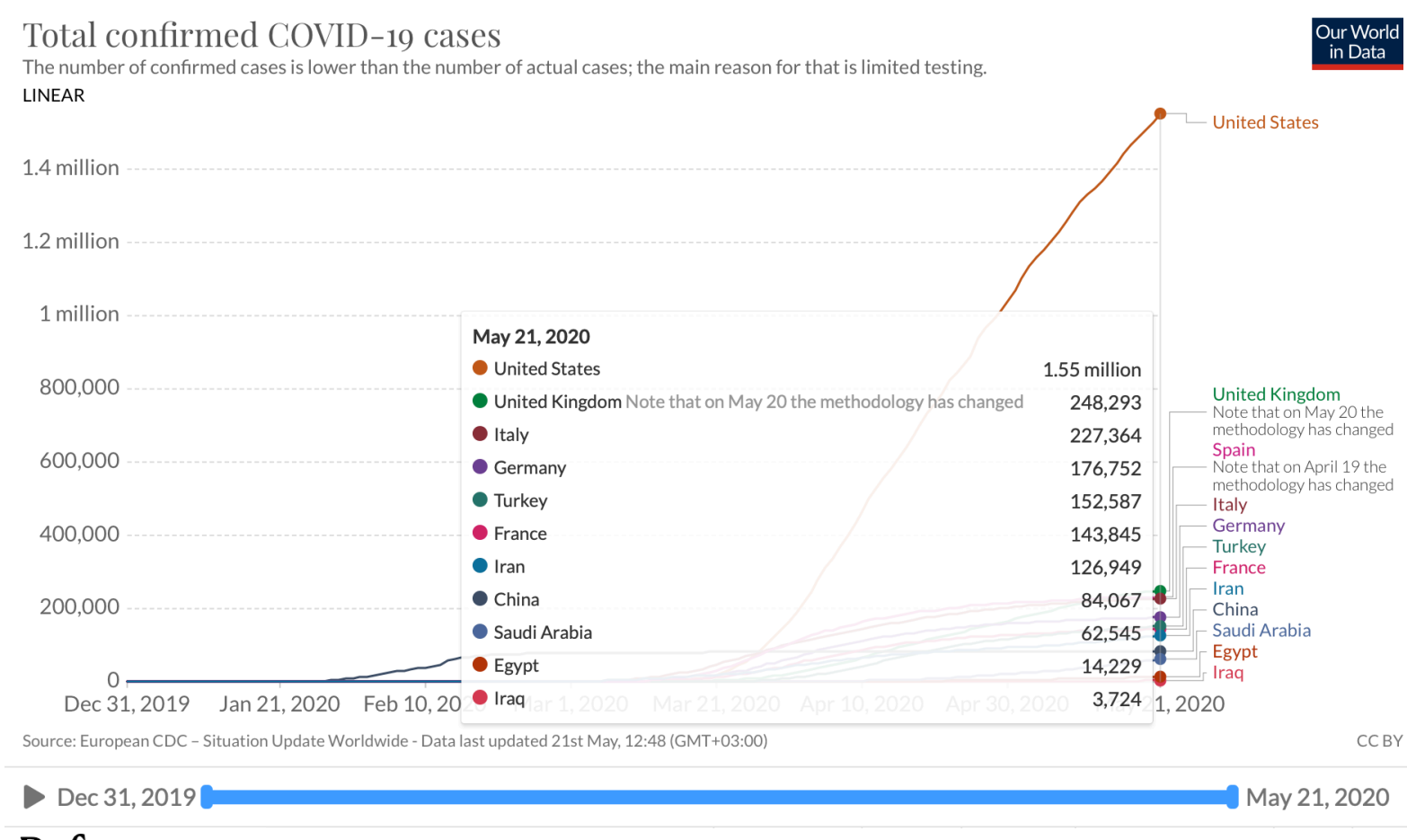

Fig. 81

Reference -3

Medical doctors per 1,000 people, 2016

Medical doctors include generalist physicians and specialist medical practitioners.

Our World in Data

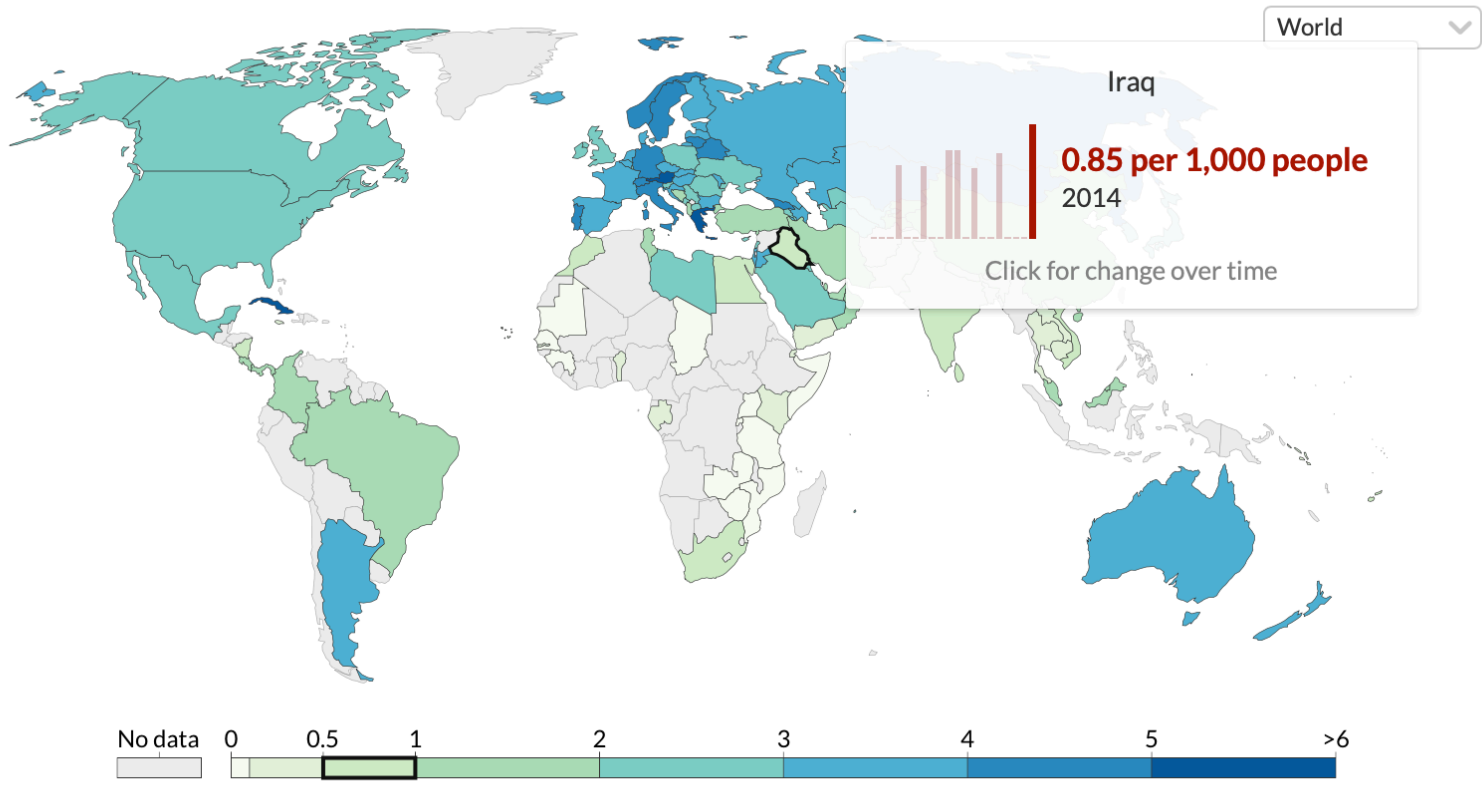

Fig. 82

Source: World Bank

CC BY

Reference -3

Hospital beds per 1,000 people, 2018

Hospital beds include inpatient beds available in public, private, general, and specialized hospitals and rehabilitation centers. In most cases beds for both acute and chronic care are included.

Our World in Data

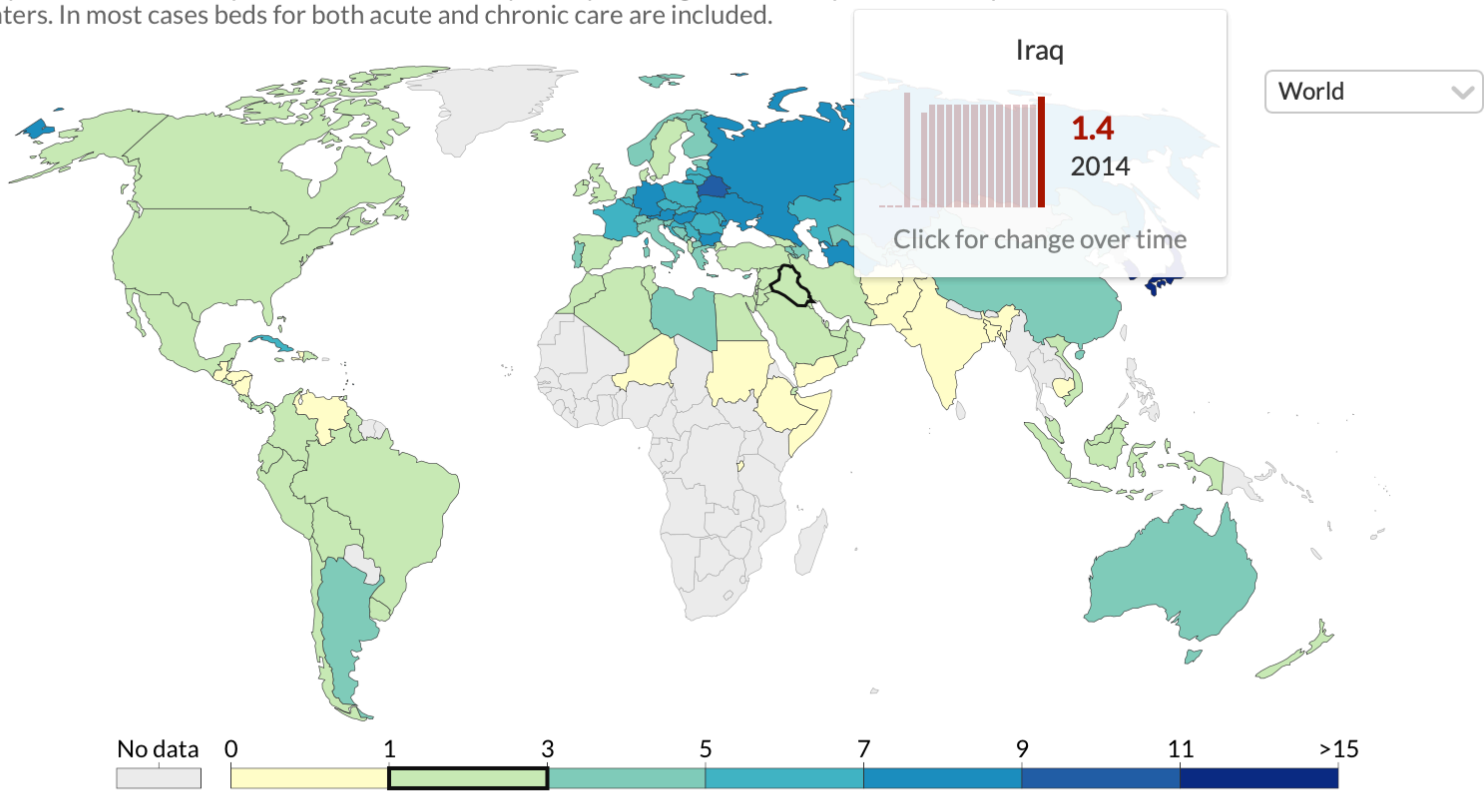

Fig. 83

Source: OECD; Eurostat; WHO and other sources

CC BY

1960 2018

Reference -3

Table 10 Estimated CFR for different viral infectious diseases

Disease	Estimated case fatality rate (CFR)
SARS-CoV	10% Venkatesh and Memish (2004) Munster et al. (2020)
MERS-CoV	34% Munster et al. (2020)
Seasonal flu (US)	0.1 to 0.2% US CDC
Ebola	50% 40% in the 2013-16 outbreak WHO (2020) Shultz et al. (2016)

Reference -3

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Notes :

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