EPIDEMIOLOGICAL SITUATION COVID-19, Nepal

23 Jul 2020 T07:00:00

Ministry of Health & Population
Department of Health Services
Epidemiology & Disease Control Division (EDCD)
Teku, Kathmandu
Developed with technical assistance from World Health Organization, Nepal

Overview: Week 30

This update is based in 18092 cases and 40 deaths.
- Total district affected: 77/77
- Total province affected: 7/7
- Number of province/district with cases from wk 20 to wk 30: 7 provinces/77 districts
- Number of confirmed cases from wk 20 to wk 30: 17981 (99.3% of total confirmed cases)
- Number of deaths from wk 20 to wk 30 : 42 (all deaths)
- 110 cases and 0 death reported till week 19 (till 9th May 2020).
- No case reported for last 14 days or more from 5 districts - Bhojpur, Khotang, Manang, Mustang, Sankhuwsabha

On 22 July 2020
- 100 new cases
- All 7 provinces reported cases

Province 1	Province 2	Bagmati	Gandaki	Province 5	Karnali	Sudur Paschim
11	35	4	13	5	24	8

Core epidemiological variables under process for some cases and 2 death (out of which 1 non-national death).

Note: Week runs from Sunday till Saturday . (based on reported date)

- *All data are provisional*
- *Data updated till 23 Jul 2020 Time 07:00:00*

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Summary of laboratory-confirmed COVID-19 cases, deaths and transmission by province

Transmission classification based on WHO definitions

Reporting Province	Total confirmed cumulative cases	Total cumulative deaths	Transmission classification*	District affected (total districts)	Date of most recent case#
Province 1	871	0	Cluster of cases	14 (14)	22/07/2020
Province 2	4727	6	Cluster of cases	8 (8)	22/07/2020
Bagmati	881	9	Sporadic cases	13 (13)	22/07/2020
Gandaki	1430	5	Sporadic cases	11 (11)	22/07/2020
Province 5	4190	10	Cluster of cases	12 (12)	22/07/2020
Karnali	1858	4	Cluster of cases	10 (10)	22/07/2020
Sudurpaschhim	4135	6	Cluster of cases	9 (9)	22/07/2020
National Total	18092	40	Cluster of cases	77 (77)	22/07/2020

- Date of last case is the date of onset or date of sample collection or date of lab report based on information available.

*Case classification is based on WHO transmission classification

No cases- provinces with no cases

Sporadic cases- provinces with one or more cases, imported or locally detected

Cluster of cases- provinces experiencing cases, clustered in time, geographic location and/or by common exposures

Community transmission- experiencing larger outbreaks of local transmission defined through an assessment of factors including, but not limited to:
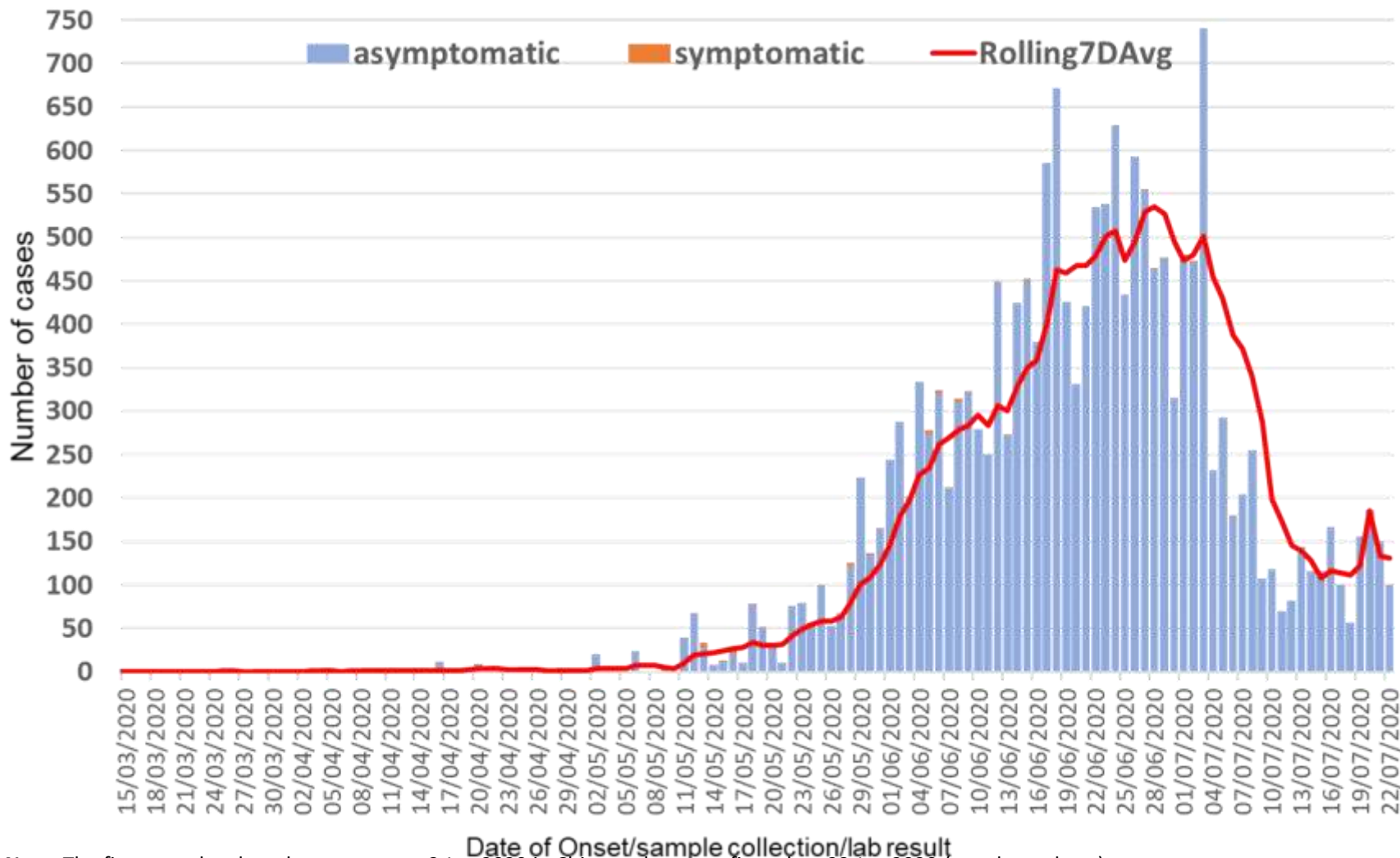
- Large numbers of cases not linkable to transmission chains
- Large numbers of cases from sentinel lab surveillance
- Multiple unrelated clusters in several areas of the country/territory/area

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Time distribution

Laboratory confirmed COVID-19 cases and average number of COVID-19 cases over the last seven days, by date of onset/sample/confirmation (N= 18092)

Note: The first case developed symptoms on 3 Jan 2020 in China and was confirmed on 23 Jan 2020 (not shown here).
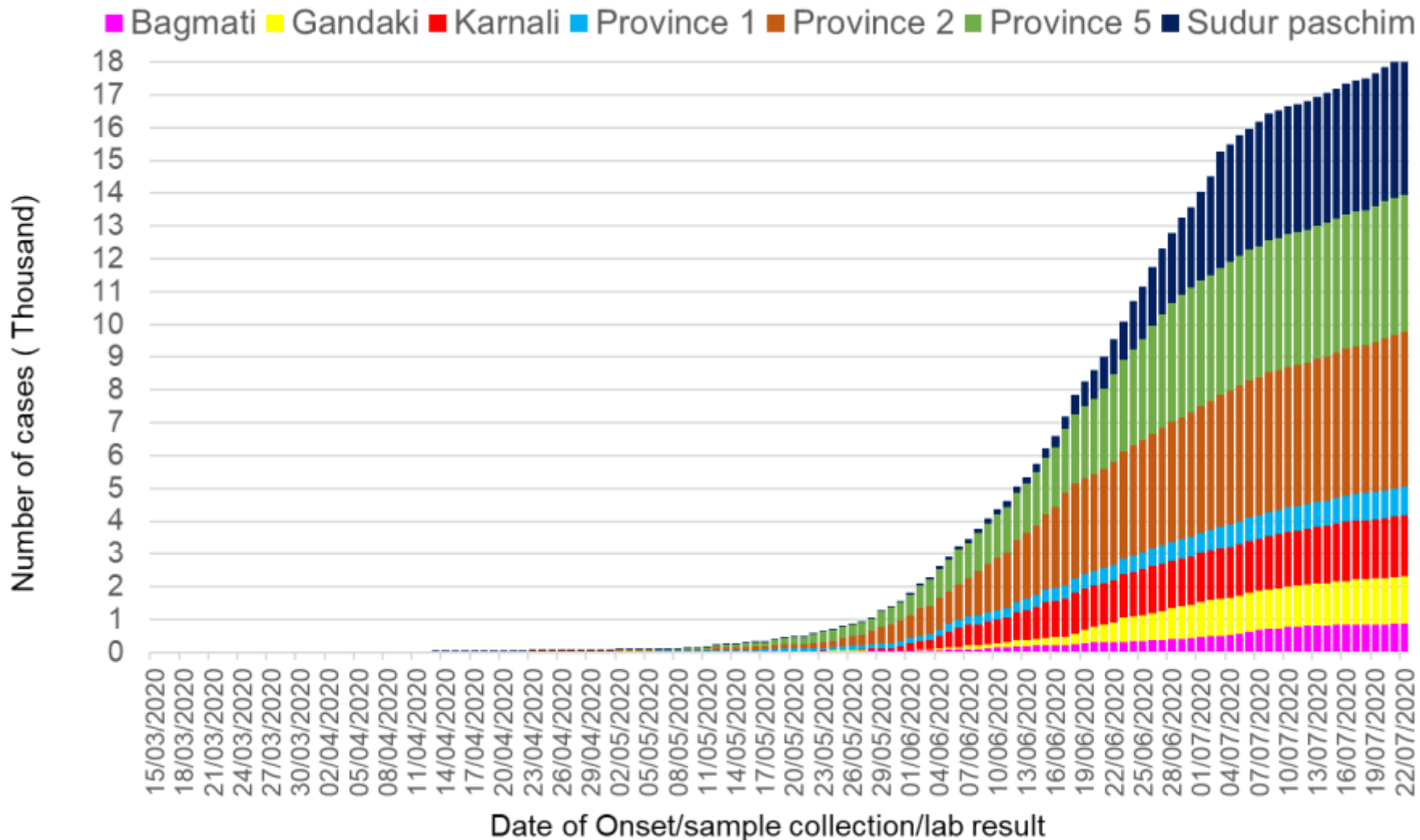
Reference dates used in order of preference as available – Date onset/Date of sample collection/Date of confirmation.

Clinical information presented here is collected on the day of sample collection.

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Cumulative case count of laboratory confirmed COVID-19 cases by province

Note: The first case developed symptoms on 3 Jan 2020 in China and was confirmed on 23 Jan 2020(not shown here).

Reference dates used in order of preference as available – Date onset/Date of sample collection/Date of confirmation.

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Epidemic curve of laboratory confirmed COVID-19 cases by province

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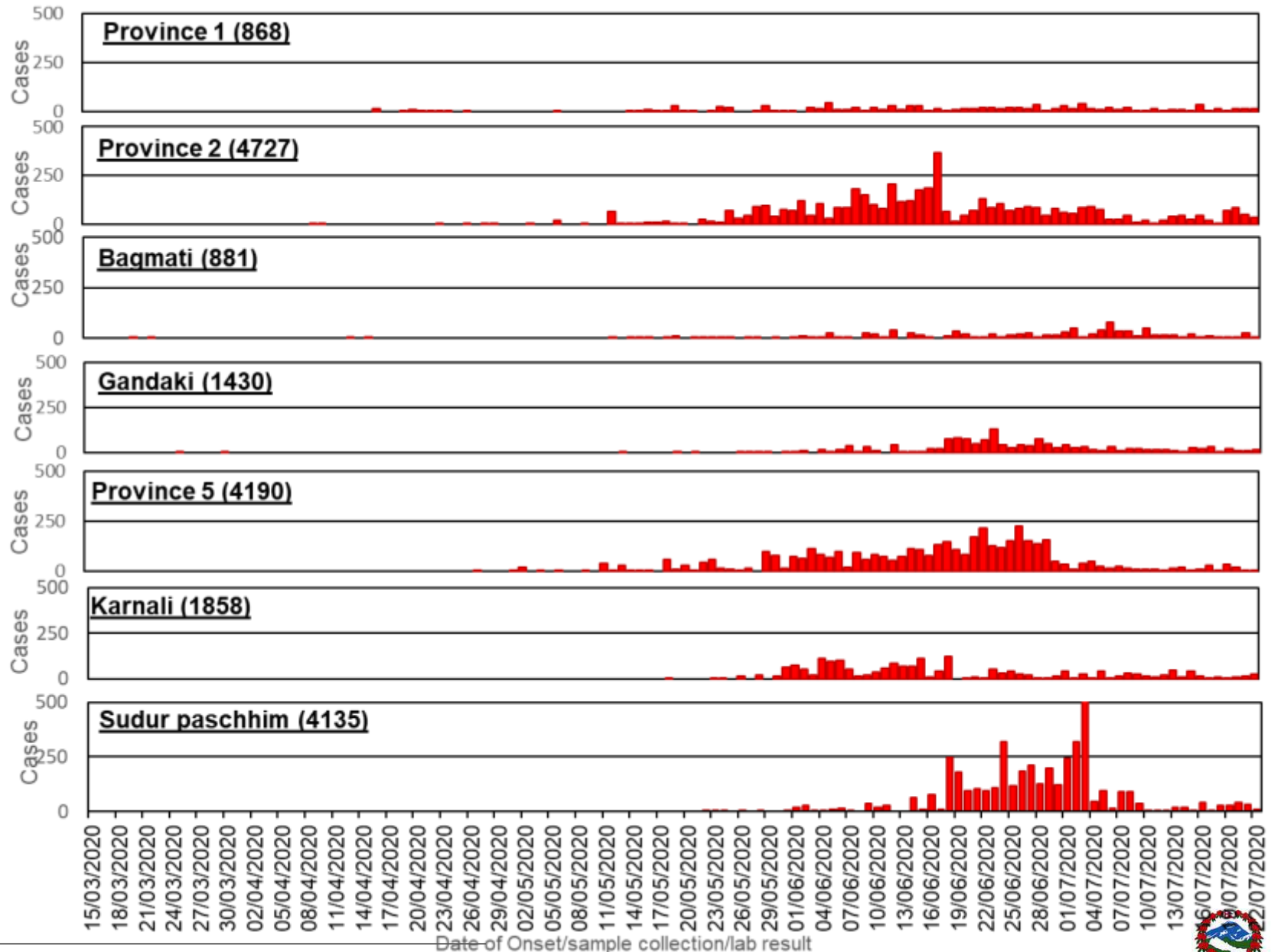- *Data updated till 23 Jul 2020 Time 07:00:00*

Note: The first case developed symptoms on 3 Jan 2020 in China and was confirmed on 23 Jan 2020(not shown here). Reference dates used in order of preference as available Date onset/Date of sample collection/Date of confirmation.
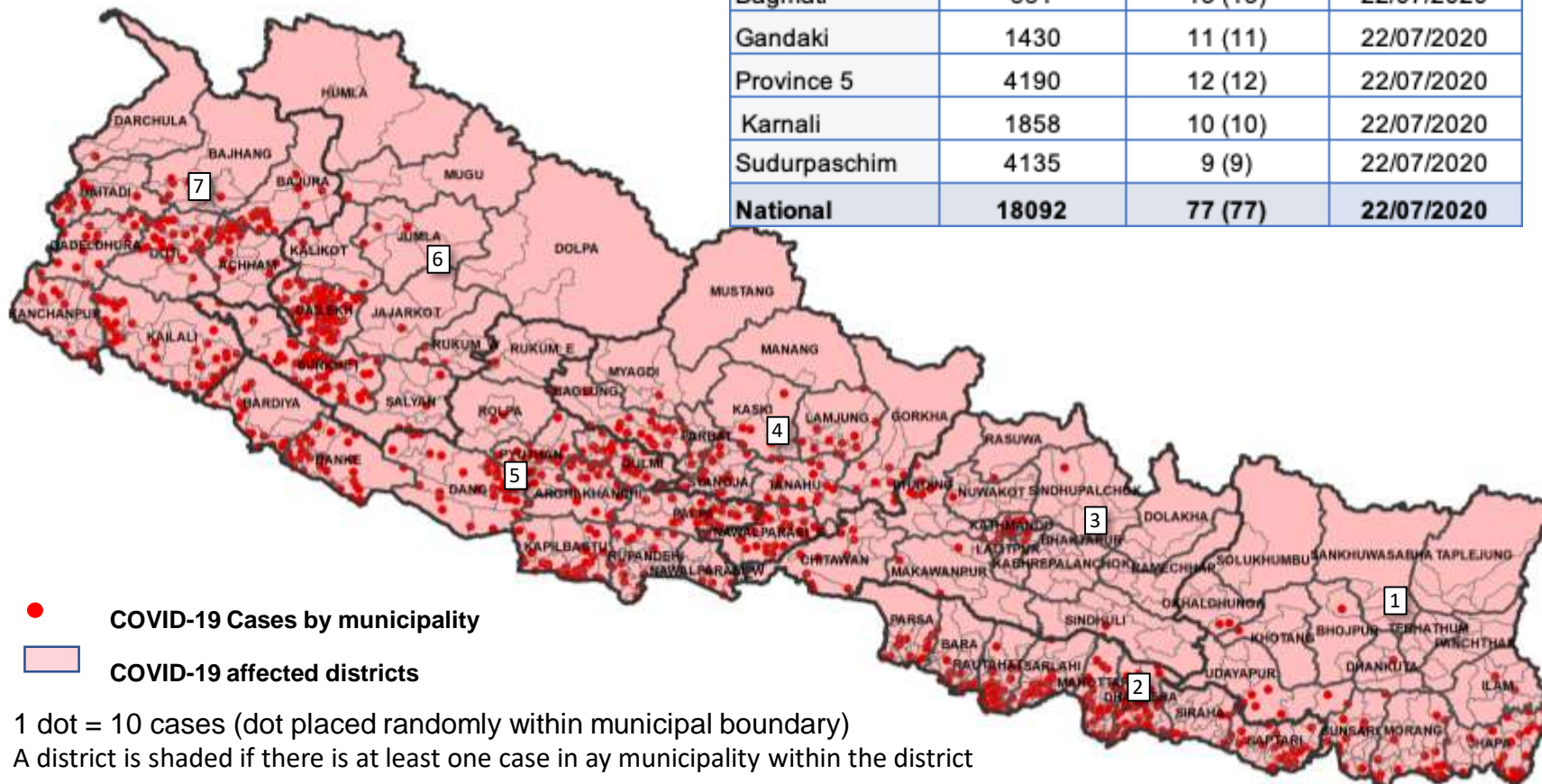
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Place distribution

Municipalities (By domicile) with reported laboratory confirmed COVID-19 cases

Province	Total confirmed cases	District affected (total districts)	Date of last case
Province 1	871	14 (14)	22/07/2020
Province 2	4727	8 (8)	22/07/2020
Bagmati	881	13 (13)	22/07/2020
Gandaki	1430	11 (11)	22/07/2020
Province 5	4190	12 (12)	22/07/2020
Karnali	1858	10 (10)	22/07/2020
Sudurpaschim	4135	9 (9)	22/07/2020
National	18092	77 (77)	22/07/2020

● COVID-19 Cases by municipality

▢ COVID-19 affected districts

1 dot = 10 cases (dot placed randomly within municipal boundary)

A district is shaded if there is at least one case in ay municipality within the district

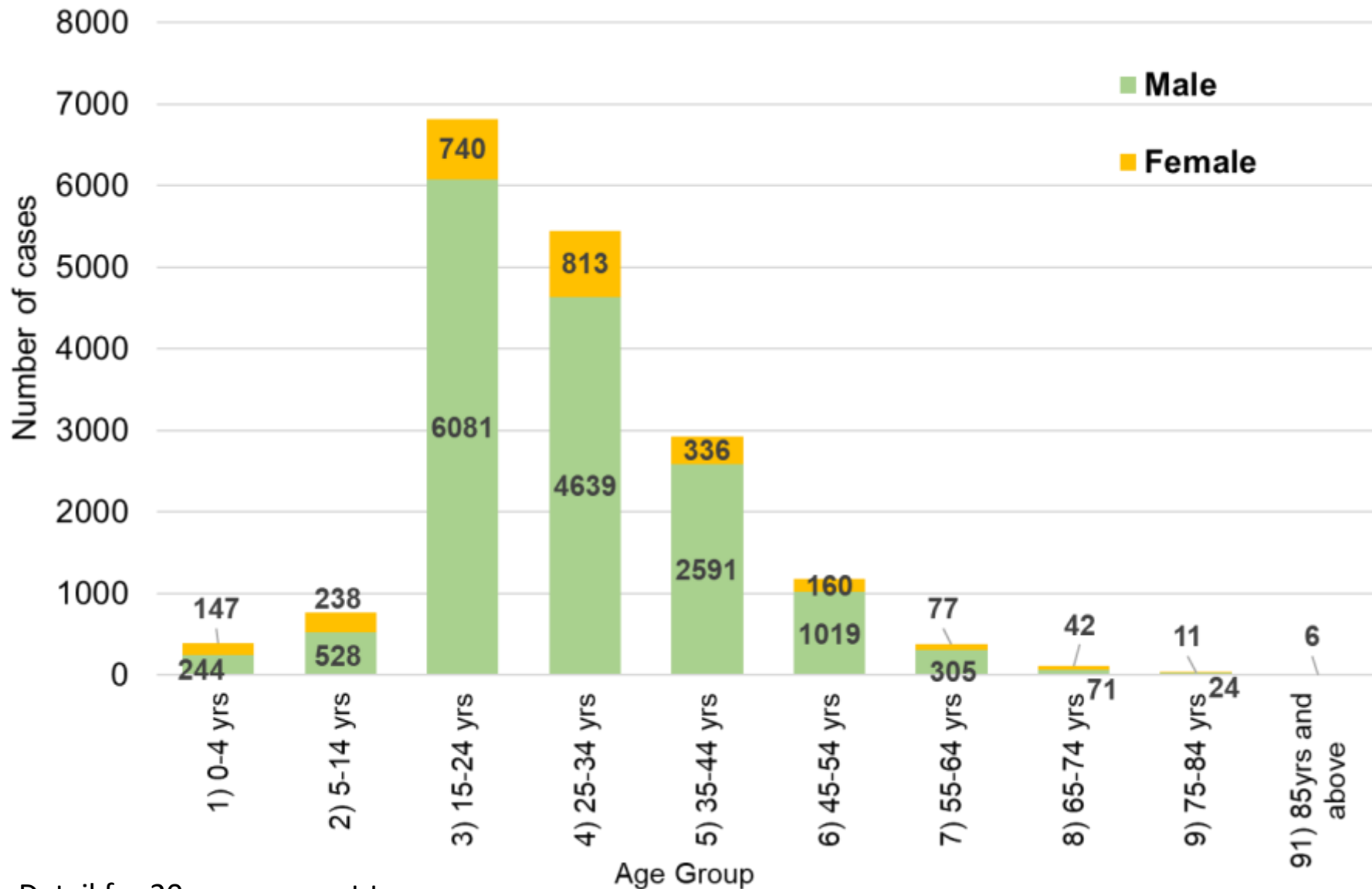The boundaries shown used in the maps in this document do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

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Person distribution

Distribution of COVID-19 cases by age and sex (N=18072)

Number of cases (y-axis, 0 to 8000)

Age Group (x-axis)

Age Group	Male	Female
1) 0-4 yrs	244	147
2) 5-14 yrs	528	238
3) 15-24 yrs	6081	740
4) 25-34 yrs	4639	813
5) 35-44 yrs	2591	336
6) 45-54 yrs	1019	160
7) 55-64 yrs	305	77
8) 65-74 yrs	71	42
9) 75-84 yrs	24	11
91) 85yrs and above		6

Detail for 20 cases are yet to come.

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Distribution of COVID-19 cases by age and sex by province (N= 18092)

Percentage of male among total confirmed cases: 86% (15525/18092)
Percentage of male in 15-54 year among confirmed male cases: 92% (14330/15525)

Province	Sex	Age Group											Total
		0-4 yrs	5-14 yrs	15-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	Unknown	
Province 1	Female	5	9	26	50	28	15	2	4	0	0	0	139
	Male	4	21	265	234	141	42	20	5	0	0	0	732
	Total	9	30	291	284	169	57	22	9	0	0	0	871
Province 2	Female	21	50	84	99	44	23	10	4	1	0	2	338
	Male	34	210	1850	1231	741	227	60	18	5	1	12	4389
	Total	55	260	1934	1330	785	250	70	22	6	1	14	4727
Bagmati	Female	2	7	67	121	38	21	8	7	4	0	0	275
	Male	6	13	143	220	118	62	25	11	6	2	0	606
	Total	8	20	210	341	156	83	33	18	10	2	0	881
Gandaki	Female	2	12	39	58	32	13	7	7	0	0	0	170
	Male	10	22	420	423	236	106	30	8	3	2	0	1260
	Total	12	34	459	481	268	119	37	15	3	2	0	1430
Province 5	Female	32	53	145	138	69	30	17	5	4	0	1	494
	Male	31	69	1482	1099	656	275	66	10	5	0	3	3696
	Total	63	122	1627	1237	725	305	83	15	9	0	4	4190
Karnali	Female	10	15	66	76	15	11	6	2	1	0	0	202
	Male	31	33	706	487	250	114	33	1	1	0	0	1656
	Total	41	48	772	563	265	125	39	3	2	0	0	1858
Sudurpaschim	Female	75	92	313	271	110	47	27	13	1	0	0	949
	Male	128	160	1215	945	449	193	71	18	4	1	2	3186
	Total	203	252	1528	1216	559	240	98	31	5	1	2	4135
National	Female	147	238	740	813	336	160	77	42	11	0	3	2567
	Male	244	528	6081	4639	2591	1019	305	71	24	6	17	15525
	Total	391	766	6821	5452	2927	1179	382	113	35	6	20	18092

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Age-specific case fatality ratio and comorbidity of deaths* in COVID-19 confirmed cases (N= 18092)

Age Group	Total confirmed cases	Death (male)	Death (female)	Deaths with any known comorbid condition	Age specific case fatality ratio (%)
0-4 yrs	391	1	1	0	0.51
5-14 yrs	766	1	0	0	0.13
15-24 yrs	6821	1	0	1	0.01
25-34 yrs	5452	4	2	3	0.11
35-44 yrs	2927	6	1	3	0.24
45-54 yrs	1179	7	2	6	0.76
55-64 yrs	382	7	0	6	1.83
65-74 yrs	113	4	0	4	3.54
75-84 yrs	35	2	0	2	5.71
85+ yrs	6	1	0	0	16.67
Unknown	20	0	0	0	0
National	18092	34	6	25	0.22

COVID-19 positive lab result is temporally associated with death; causal association under investigation.

* Source: https://covid19.mohp.gov.np/#/

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Distribution symptomatic/asymptomatic COVID-19 cases at presentation (N=18092)

Age Group	Total confirmed cases	Asymptomatic	Symptomatic (n)	Symptomatic (%)
0-4 yrs	391	390	1	0.3
5-14 yrs	766	764	2	0.3
15-24 yrs	6821	6813	8	0.1
25-34 yrs	5452	5432	20	0.4
35-44 yrs	2927	2920	7	0.2
45-54 yrs	1179	1177	2	0.2
55-64 yrs	382	378	4	1.0
65-74 yrs	113	111	2	1.8
75-84 yrs	35	34	1	2.9
85+ yrs	6	5	1	16.7
Unknown	20	20	0	0.0
National	**18092**	**18044**	**48**	**0.3**

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