

EPIDEMIOLOGICAL SITUATION COVID-19, Nepal



Ministry of Health & Population
Department of Health Services
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Teku, Kathmandu

EPIDEMIOLOGICAL SITUATION COVID-19, Nepal

12 Jun 2020 T07:00:00

Overview: Week 24

- Total confirmed Covid-19 Cases : 4604; Death: 15
- Total district affected: 72/77
- Total province affected: All seven provinces
- Number of province/district with cases from wk 20 to wk 24: 7 provinces/72 districts
- Number of confirmed cases from wk 20 to wk 24: 4494 (98% of total confirmed cases)
- Number of deaths from wk 20 to wk 24 : 15 (all deaths)
- 110 cases and no death reported till week 19 (till 9th May 2020).
- Core epidemiological variables under process for some cases.

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

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- *All data are provisional*
 - *Data updated till 12 Jun 2020 Time 07:00:00*

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	306	0	Cluster of cases	13 (14)	11-Jun-2020
Province 2	1677	1	Cluster of cases	8 (8)	11-Jun-2020
Bagmati	144	4	Sporadic cases	12 (13)	11-Jun-2020
Gandaki	150	1	Sporadic cases	9 (11)	10-Jun-2020
Province 5	1381	4	Cluster of cases	12 (12)	11-Jun-2020
Karnali	756	3	Cluster of cases	9 (10)	11-Jun-2020
Sudurpaschhim	190	2	Sporadic cases	9 (9)	11-Jun-2020
National Total	4604	15		72 (77)	11-Jun-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:

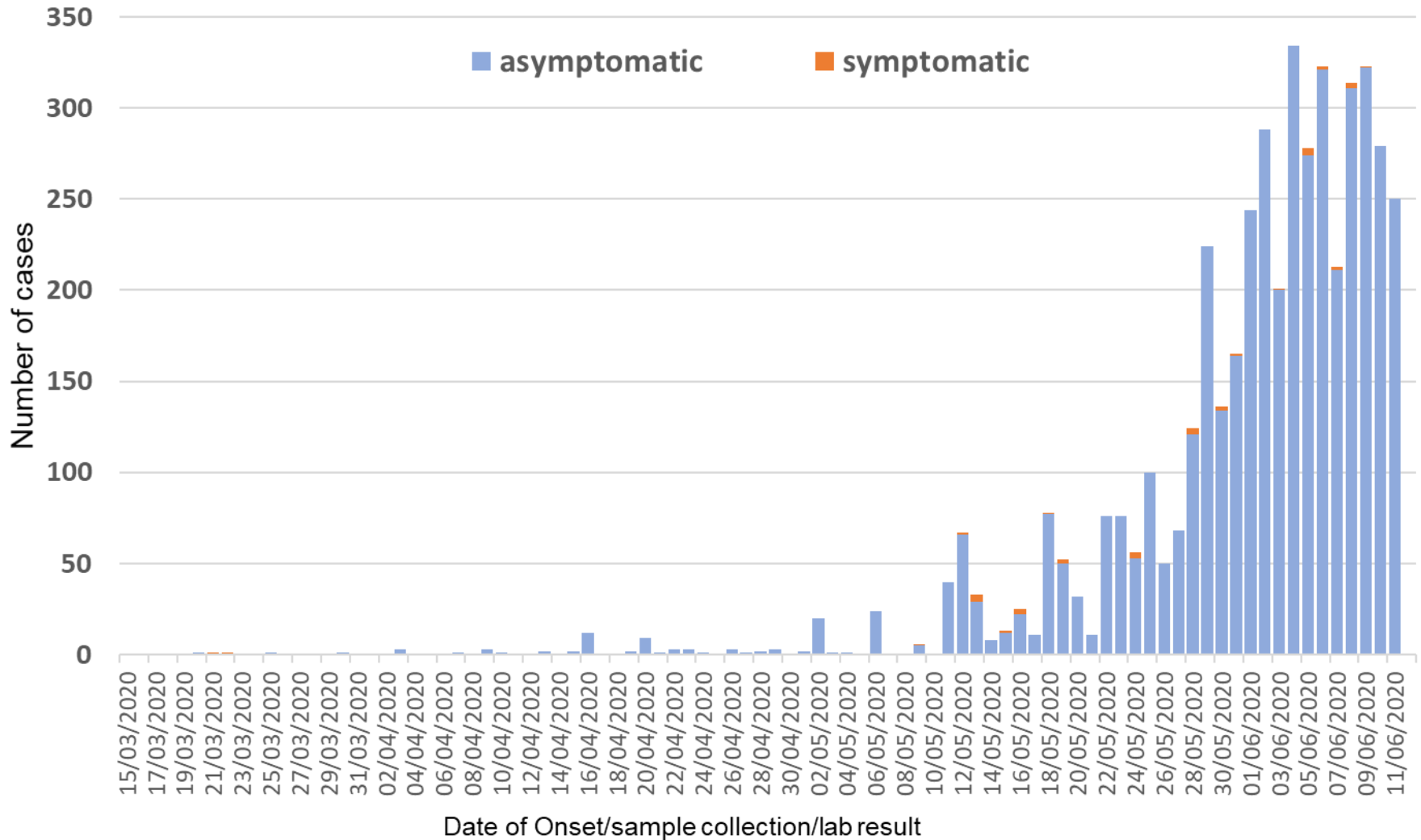
- Large numbers of cases not linkable to transmission chains
- Large numbers of cases from sentinel lab surveillance
- Multiple unrelated clusters in several areas of the country/territory/area

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Time distribution

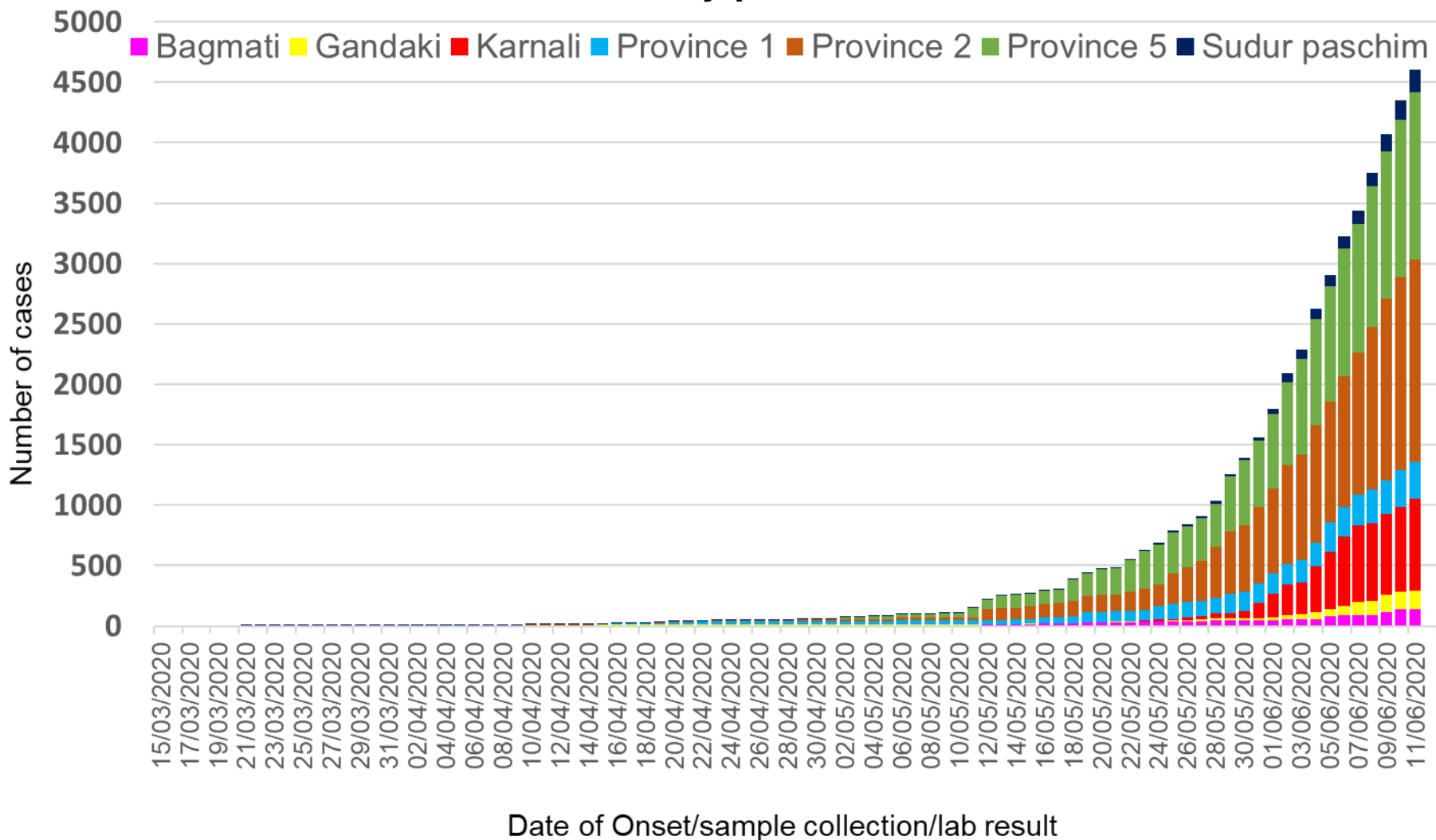
Epidemic curve of laboratory confirmed COVID-19 cases, by date of onset/sample/confirmation (N=4604)



Note: The first case was developed symptoms on 31 Dec 2019 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

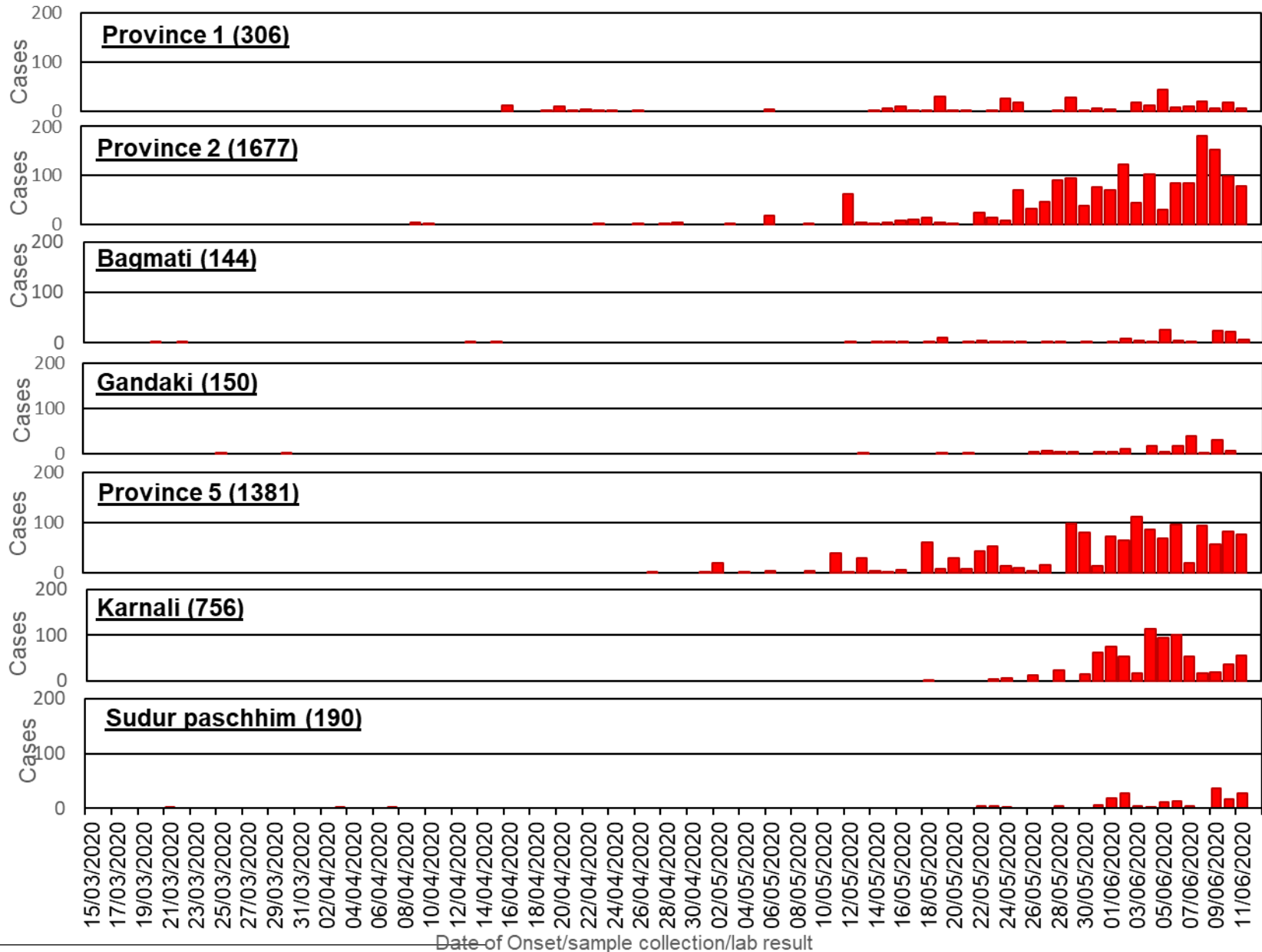


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confirmation.

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Epidemic curve of laboratory confirmed COVID-19 cases by province



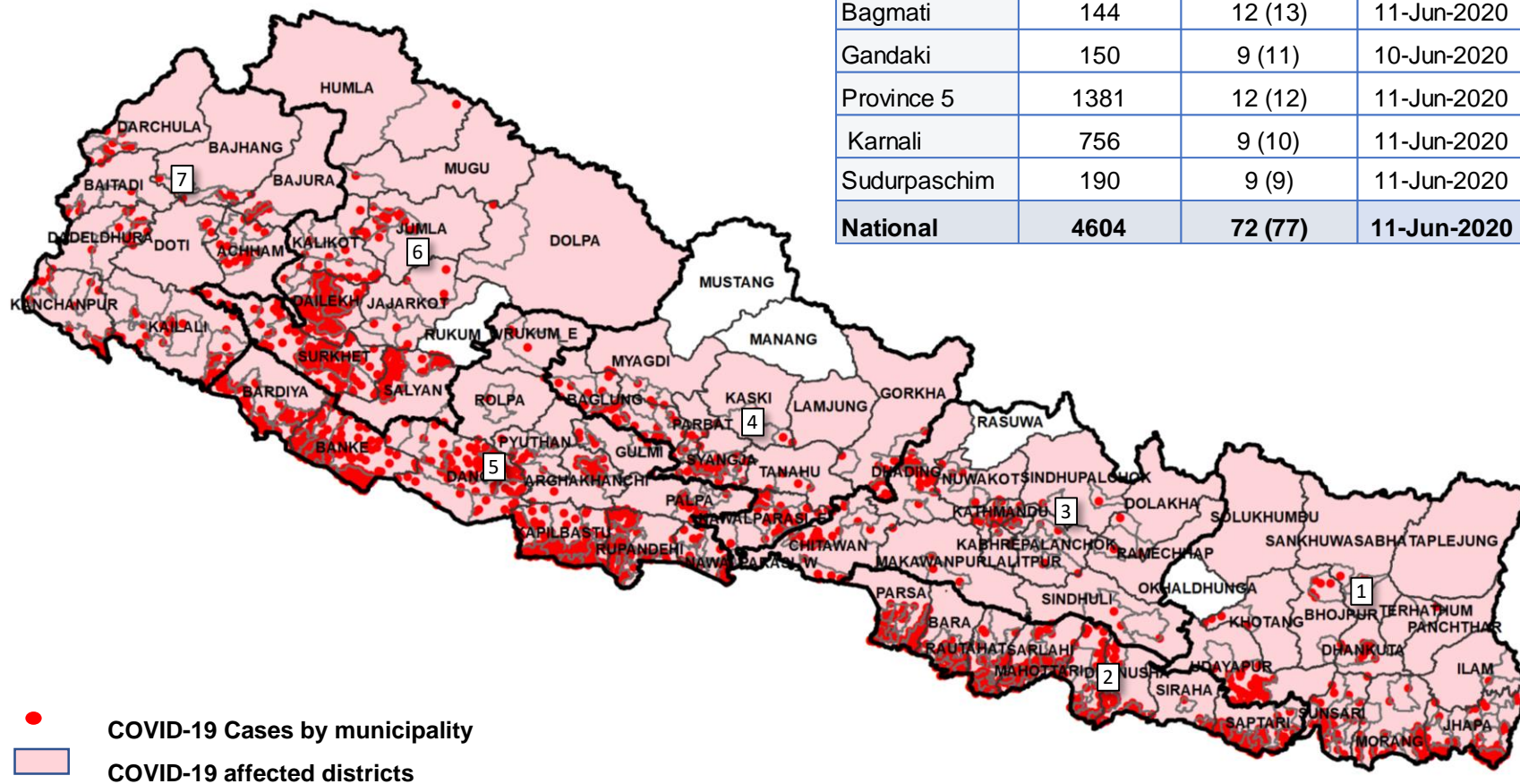
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Note: The first case was developed symptoms on 31 Dec 2019 in China and was confirmed on 23 Jan 2020(not shown here). Reference dates used in order of preference as available – Date onset/Date of sample collection/Date of confirmation.

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	306	13 (14)	11-Jun-2020
Province 2	1677	8 (8)	11-Jun-2020
Bagmati	144	12 (13)	11-Jun-2020
Gandaki	150	9 (11)	10-Jun-2020
Province 5	1381	12 (12)	11-Jun-2020
Karnali	756	9 (10)	11-Jun-2020
Sudurpaschim	190	9 (9)	11-Jun-2020
National	4604	72 (77)	11-Jun-2020

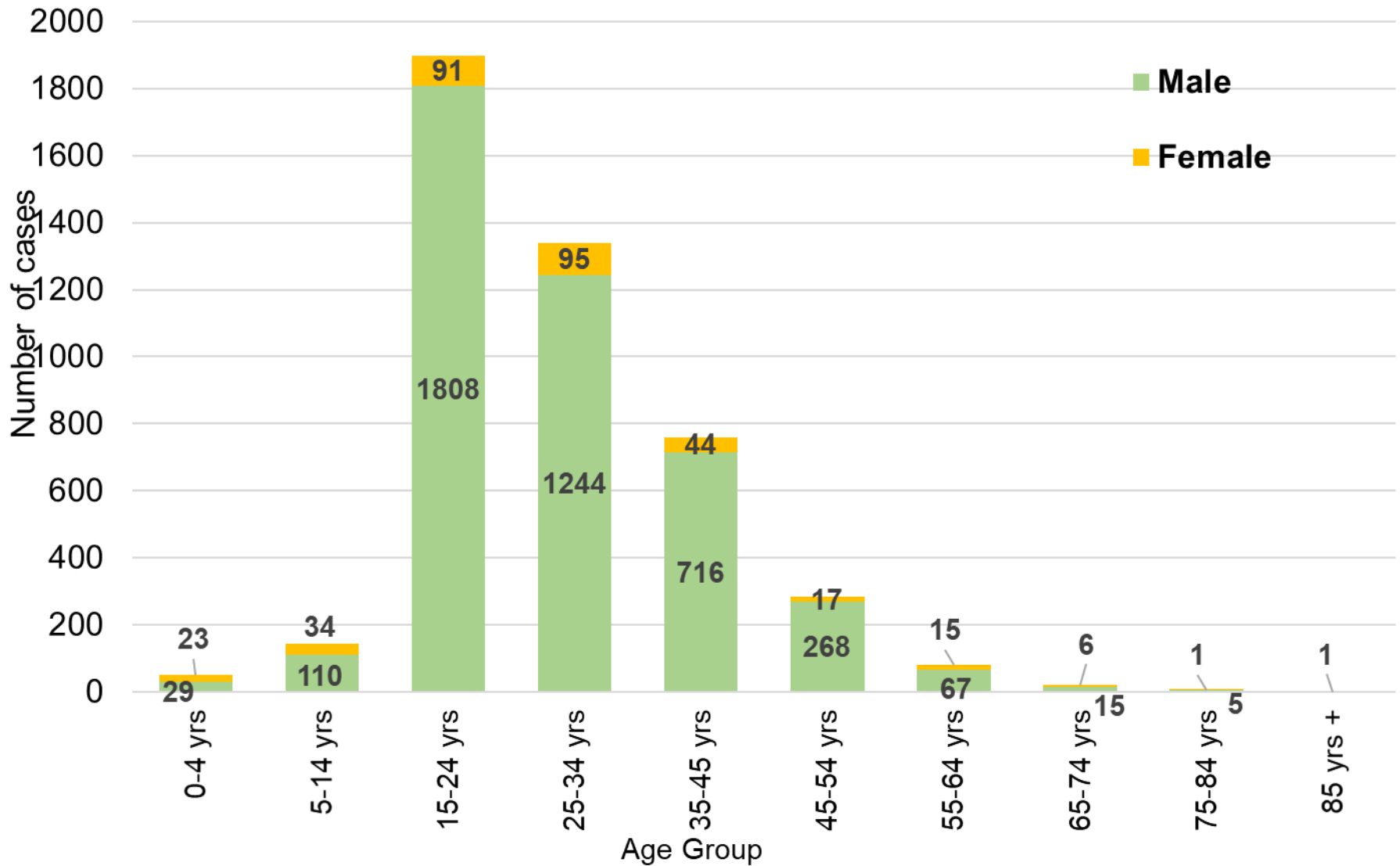


1 dot = 1 case (dot placed randomly within municipal boundary)
 A district is shaded if there is at least one case in any municipality within the district

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Person distribution

Distribution of COVID-19 cases by age and sex (N=4589)



Detail for 15 cases are yet to arrive.

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Distribution of COVID-19 cases by age and sex by province (N=4604)

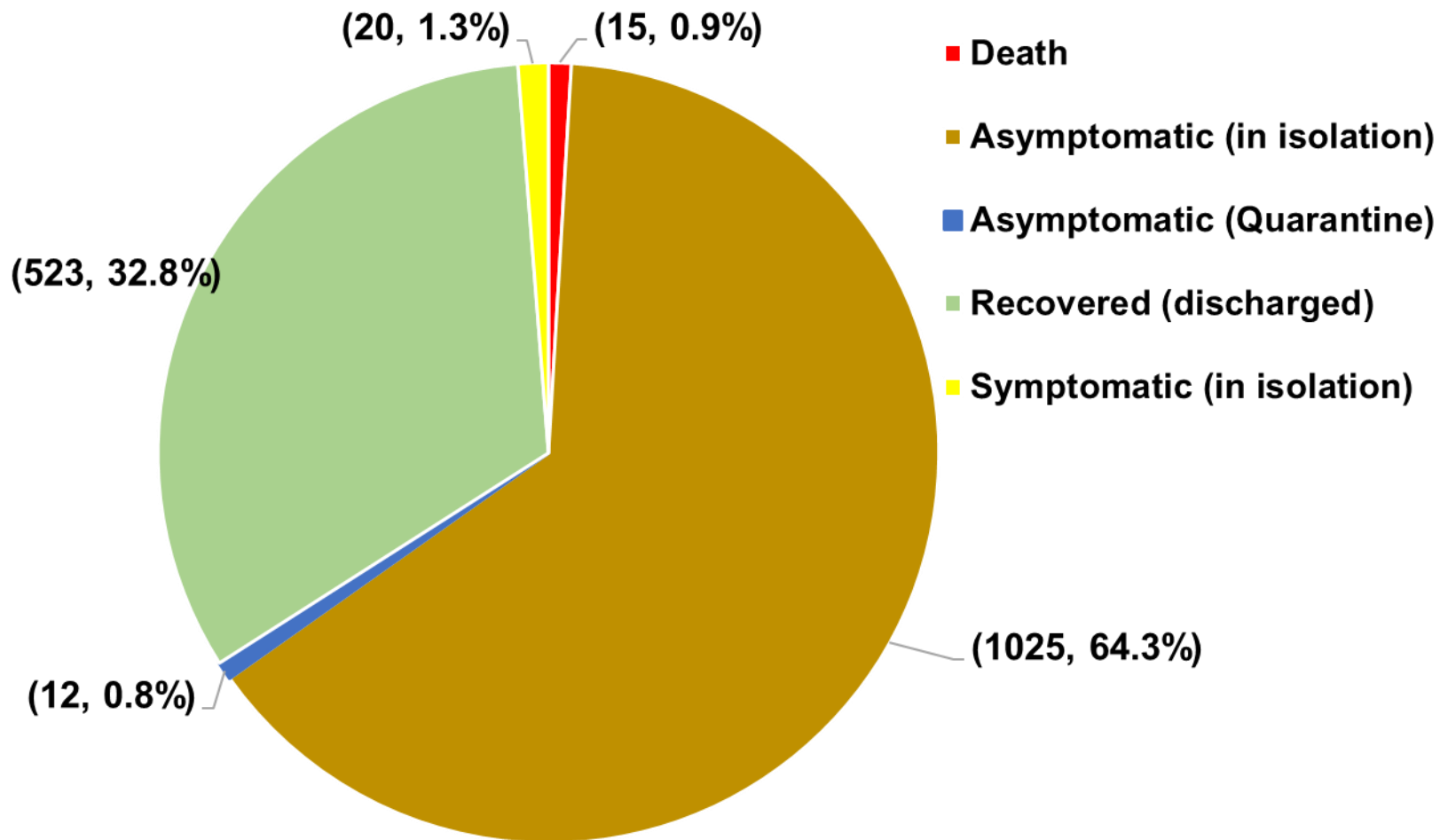
Percentage of male among total confirmed cases: 93% (4276/4604)

Percentage of male in 15-54 year among confirmed male cases: 94% (4036/4276)

Province	Sex	Age Group											Total
		0-4 yrs	5-14 yrs	15-24 yrs	25-34 yrs	35-45 yrs	45-54 yrs	55-64 yrs	65-74 yrs	75-84 yrs	85+ yrs	Unknown	
Province 1	Female	0	1	7	2	5	3	1	1	0	0	0	20
	Male	0	5	136	86	35	14	8	1	0	0	1	286
	Total	0	6	143	88	40	17	9	2	0	0	1	306
Province 2	Female	7	10	18	25	11	5	4	0	0	0	2	82
	Male	7	64	659	465	267	102	17	8	1	1	4	1595
	Total	14	74	677	490	278	107	21	8	1	1	6	1677
Bagmati	Female	1	1	11	16	5	0	2	1	1	0	0	38
	Male	0	3	36	26	25	9	3	3	1	0	0	106
	Total	1	4	47	42	30	9	5	4	2	0	0	144
Gandaki	Female	0	0	1	2	1	0	1	1	0	0	0	6
	Male	1	1	63	42	22	12	3	0	0	0	0	144
	Total	1	1	64	44	23	12	4	1	0	0	0	150
Province 5	Female	8	16	24	28	14	4	5	2	0	0	0	101
	Male	6	17	514	381	251	81	17	2	3	0	8	1280
	Total	14	33	538	409	265	85	22	4	3	0	8	1381
Karnali	Female	4	6	21	13	3	2	2	0	0	0	0	51
	Male	14	18	345	185	92	38	13	0	0	0	0	705
	Total	18	24	366	198	95	40	15	0	0	0	0	756
Sudurpaschim	Female	3	0	9	9	5	3	0	1	0	0	0	30
	Male	1	2	55	59	24	12	6	1	0	0	0	160
	Total	4	2	64	68	29	15	6	2	0	0	0	190
National	Female	23	34	91	95	44	17	15	6	1	0	2	328
	Male	29	110	1808	1244	716	268	67	15	5	1	13	4276
	Total	52	144	1899	1339	760	285	82	21	6	1	15	4604

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Outcome status of COVID-19 cases in Nepal (N=1595)



Current clinical status of 3009 cases are under investigation.

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Age-specific case fatality ratio and comorbidity of deaths* in COVID-19 confirmed cases (N=4604)

Age Group	Total confirmed cases	Death (male)	Death (female)	Deaths with any known comorbid condition	Age specific case fatality ratio (%)
0-4 yrs	52	0	1	0	1.92
5-14 yrs	144	0	0	0	0
15-24 yrs	1899	1	0	1	0.05
25-34 yrs	1339	1	1	1	0.15
35-44 yrs	760	3	0	1	0.39
45-54 yrs	285	1	0	0	0.35
55-64 yrs	82	4	0	3	4.88
65-74 yrs	21	2	0	2	9.52
75-84 yrs	6	1	0	1	16.67
85 yrs and above	1	0	0	0	0
Unknown	15	0	0	0	0
Grand Total	4604	13	2	9	0.33

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

* Source: <https://covid19.mohip.gov.np/#/>

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Distribution symptomatic/asymptomatic COVID-19 cases at presentation (N=4604)

Age Group	Total confirmed cases	Asymptomatic	Symptomatic (n)	Symptomatic (%)
0-4 yrs	52	51	1	1.9
5-14 yrs	144	143	1	0.7
15-24 yrs	1899	1891	8	0.4
25-34 yrs	1339	1322	17	1.3
35-44 yrs	760	755	5	0.7
45-54 yrs	285	284	1	0.4
55-64 yrs	82	79	3	3.7
65-74 yrs	21	20	1	4.8
75-84 yrs	6	5	1	16.7
85 yrs and above	1	1	0	0.0
Unknown	15	15	0	0.0
Grand Total	4604	4566	38	0.8

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