EPIDEMIOLOGICAL SITUATION COVID-19, Nepal

09 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 28

- Total confirmed Covid-19 Cases : 16421; Death: 35
- Total district affected: 77/77
- Total province affected: 7/7
- Number of province/district with cases from wk 20 to wk 28: 7 provinces/77 districts
- Number of confirmed cases from wk 20 to wk 28: 16311 (99.3% of total confirmed cases)
- Number of deaths from wk 20 to wk 28 : 35 (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, Humla, Manang, Mustang, Solukhumbu
- On 08 July 2020
    - 255 new cases
    - All 7 provinces reported cases

Province 1	Province 2	Bagmati	Gandaki	Province 5	Karnali	Sudur Paschim
18	44	35	21	16	30	91

- Core epidemiological variables under process for some cases.

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

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

2

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	737	0	Cluster of cases	14 (14)	08-Jul-2020
Province 2	4260	4	Cluster of cases	8 (8)	08-Jul-2020
Bagmati	705	6	Sporadic cases	13 (13)	08-Jul-2020
Gandaki	1216	5	Sporadic cases	11 (11)	08-Jul-2020
Province 5	4011	10	Cluster of cases	12 (12)	08-Jul-2020
Karnali	1621	4	Cluster of cases	10 (10)	08-Jul-2020
Sudurpaschhim	3871	6	Cluster of cases	9 (9)	08-Jul-2020
National Total	16421	35		77 (77)	08-Jul-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

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from WHO ,Nepal

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=16421)
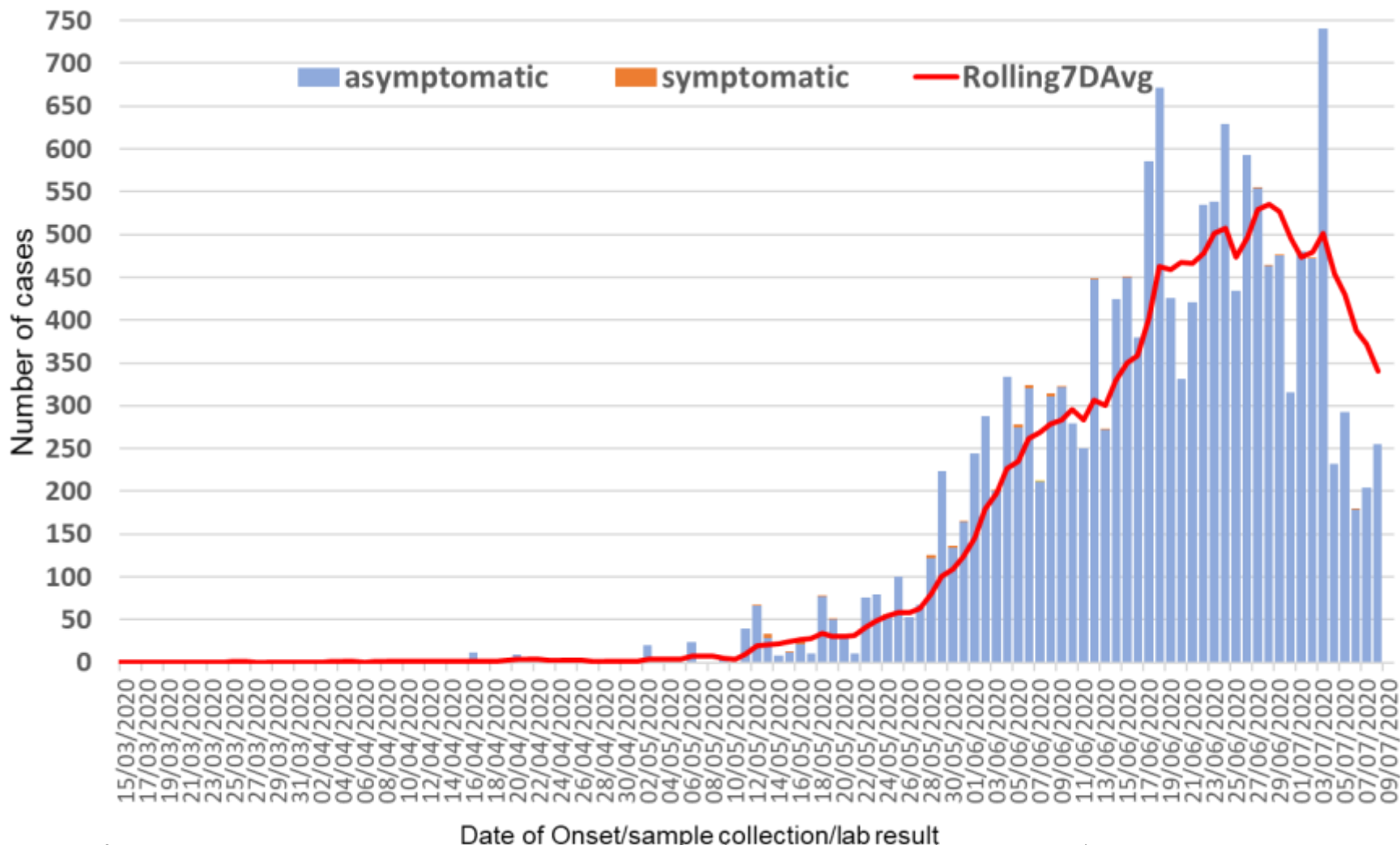
Note: The first case developed symptoms on 3 Jan 2020 in China and was confirmed on 23 Jan 2020 (not shown here).

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.

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

5

Technical Assistance from
WHO ,Nepal

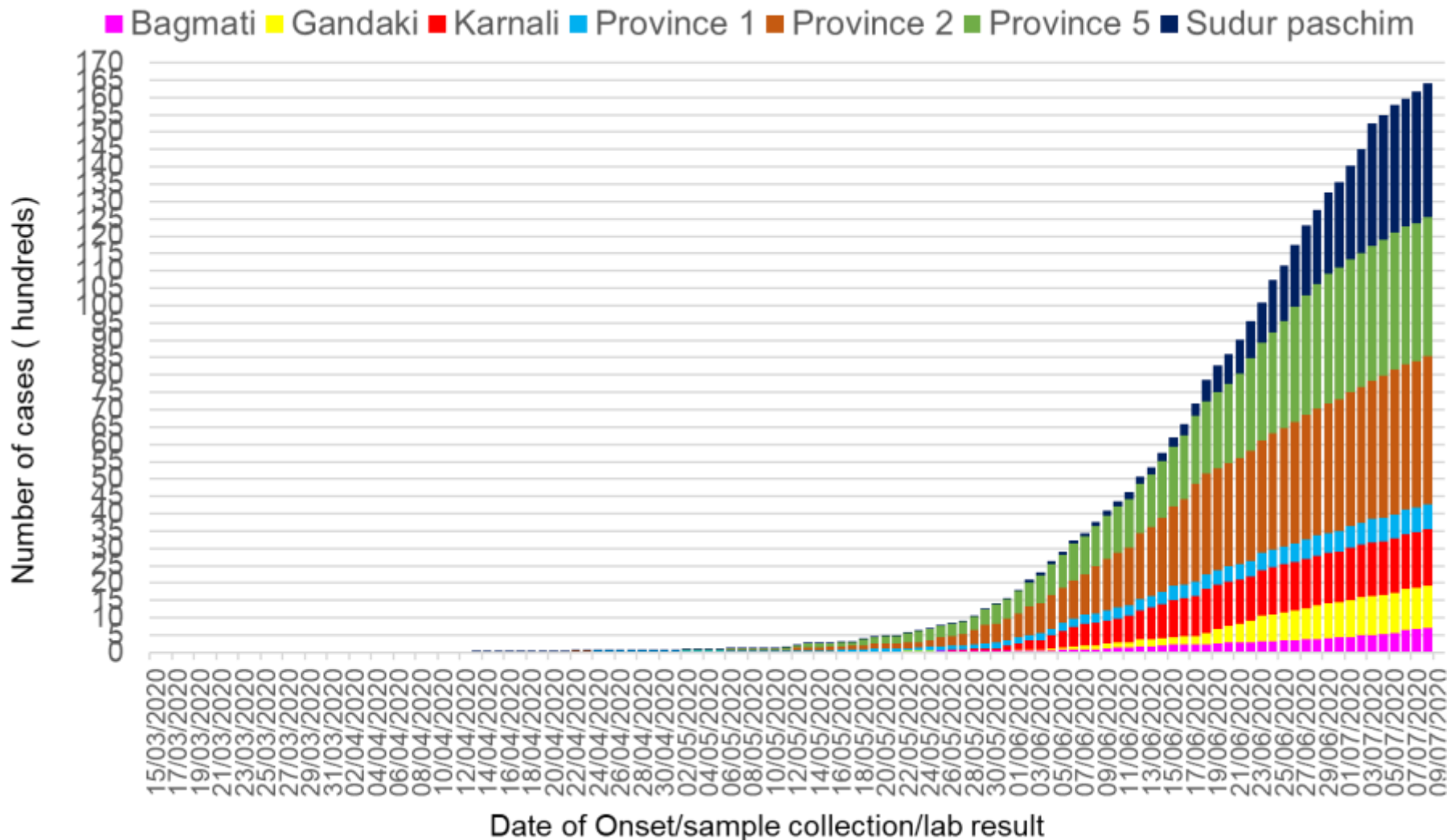# Cumulative case count of laboratory confirmed COVID-19 cases by province

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.

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

6

Technical Assistance from WHO ,Nepal

Epidemic curve of laboratory confirmed COVID-19 cases by province

Date of Onset/sample collection/lab result

- *All data are provisional*
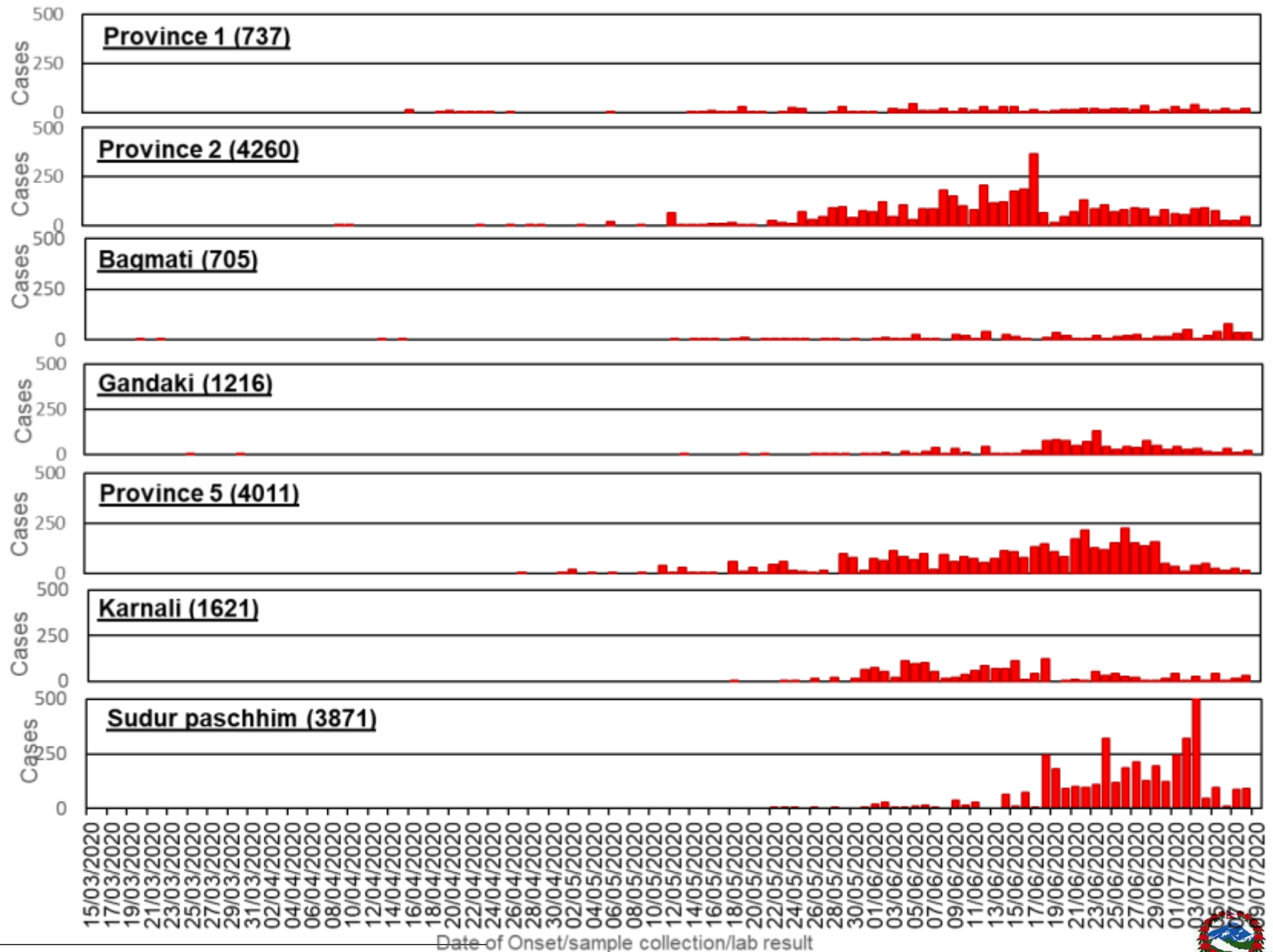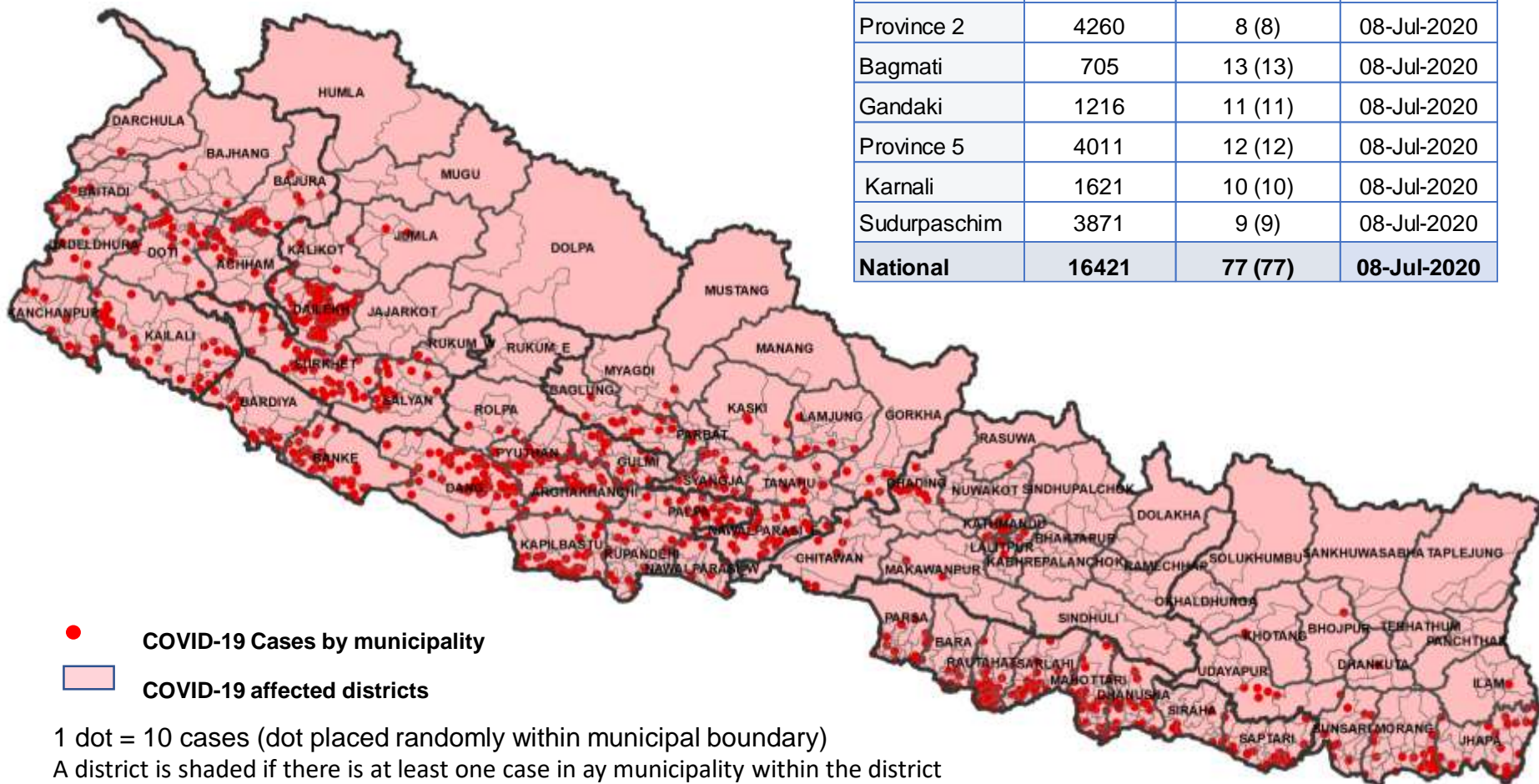- *Data updated till 09 Jul 2020 Time 07:00:00*

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.

Technical Assistance from WHO ,Nepal

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	737	14 (14)	08-Jul-2020
Province 2	4260	8 (8)	08-Jul-2020
Bagmati	705	13 (13)	08-Jul-2020
Gandaki	1216	11 (11)	08-Jul-2020
Province 5	4011	12 (12)	08-Jul-2020
Karnali	1621	10 (10)	08-Jul-2020
Sudurpaschim	3871	9 (9)	08-Jul-2020
National	**16421**	**77 (77)**	**08-Jul-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.

• *All data are provisional*
• *Data updated till 09 Jul 2020 Time 07:00:00*

9

Technical Assistance from WHO ,Nepal

Person distribution

Distribution of COVID-19 cases by age and sex (N=16387)
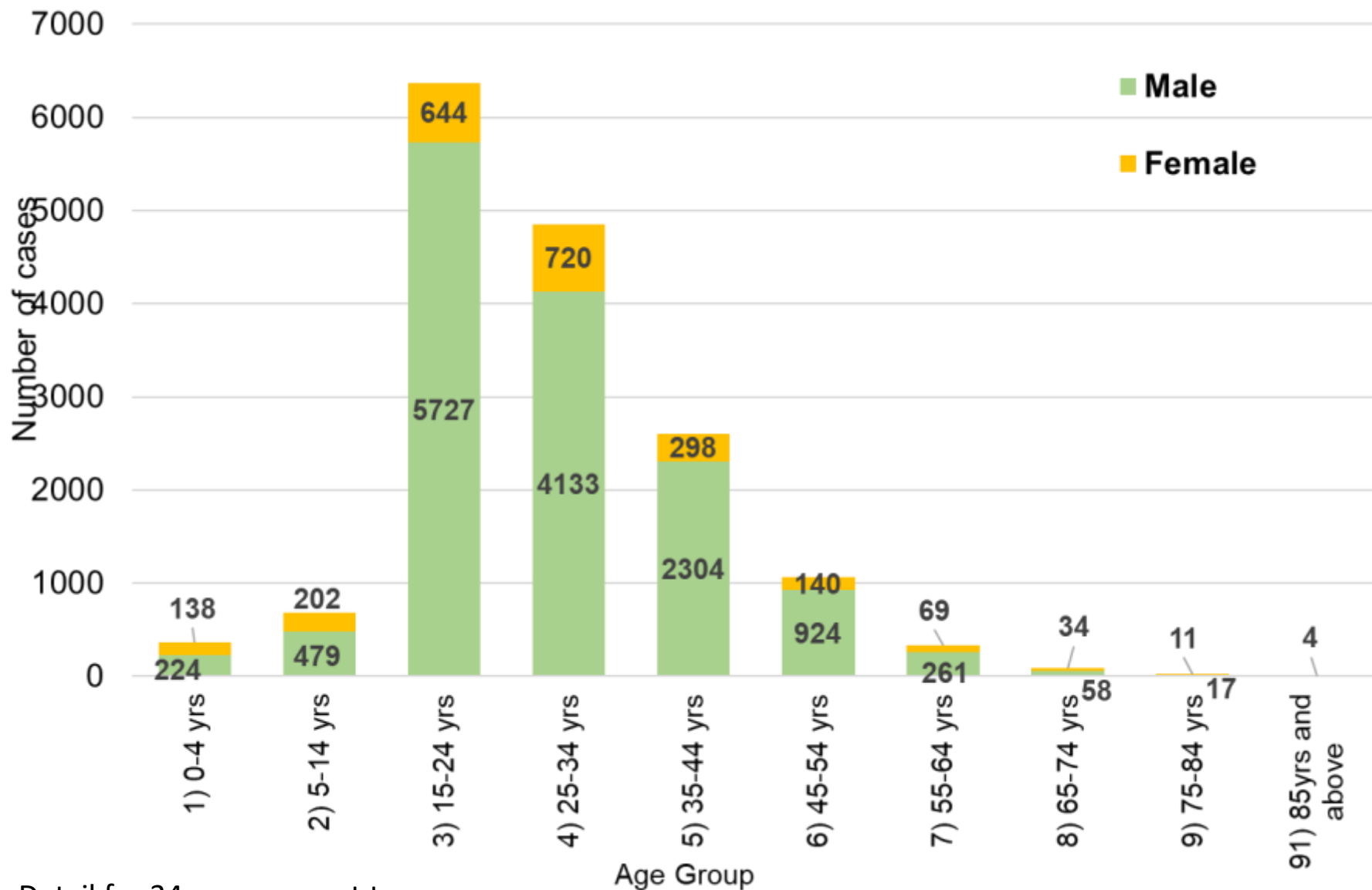
Detail for 34 cases are yet to come.

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from
WHO ,Nepal

Distribution of COVID-19 cases by age and sex by province (N=16421)
Percentage of male among total confirmed cases: 86% (14159/16421)
Percentage of male in 15-54 year among confirmed male cases: 92% (13088/14159)

| 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	4	9	22	44	26	15	1	2	0	0	0	123
	Male	3	21	233	187	111	40	17	2	0	0	0	614
	Total	7	30	255	231	137	55	18	4	0	0	0	737
Province 2	Female	20	39	59	86	35	18	7	2	1	0	3	270
	Male	32	192	1747	1089	647	203	49	14	3	0	14	3990
	Total	52	231	1806	1175	682	221	56	16	4	0	17	4260
Bagmati	Female	2	4	55	103	33	15	7	5	4	0	1	229
	Male	4	11	118	175	84	53	17	8	4	2	0	476
	Total	6	15	173	278	117	68	24	13	8	2	1	705
Gandaki	Female	1	10	35	52	29	13	6	6	0	0	1	153
	Male	12	20	379	326	195	98	23	6	2	1	1	1063
	Total	13	30	414	378	224	111	29	12	2	1	2	1216
Province 5	Female	31	51	137	126	64	25	17	5	4	0	0	460
	Male	31	65	1451	1043	626	256	61	10	5	0	3	3551
	Total	62	116	1588	1169	690	281	78	15	9	0	3	4011
Karnali	Female	7	9	52	59	13	9	6	2	1	0	0	158
	Male	25	32	645	422	212	99	26	1	1	0	0	1463
	Total	32	41	697	481	225	108	32	3	2	0	0	1621
Sudurpaschim	Female	73	80	284	250	98	45	25	12	1	0	1	869
	Male	117	138	1154	891	429	175	68	17	2	1	10	3002
	Total	190	218	1438	1141	527	220	93	29	3	1	11	3871
National	Female	138	202	644	720	298	140	69	34	11	0	6	2262
	Male	224	479	5727	4133	2304	924	261	58	17	4	28	14159
	Total	362	681	6371	4853	2602	1064	330	92	28	4	34	16421

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*
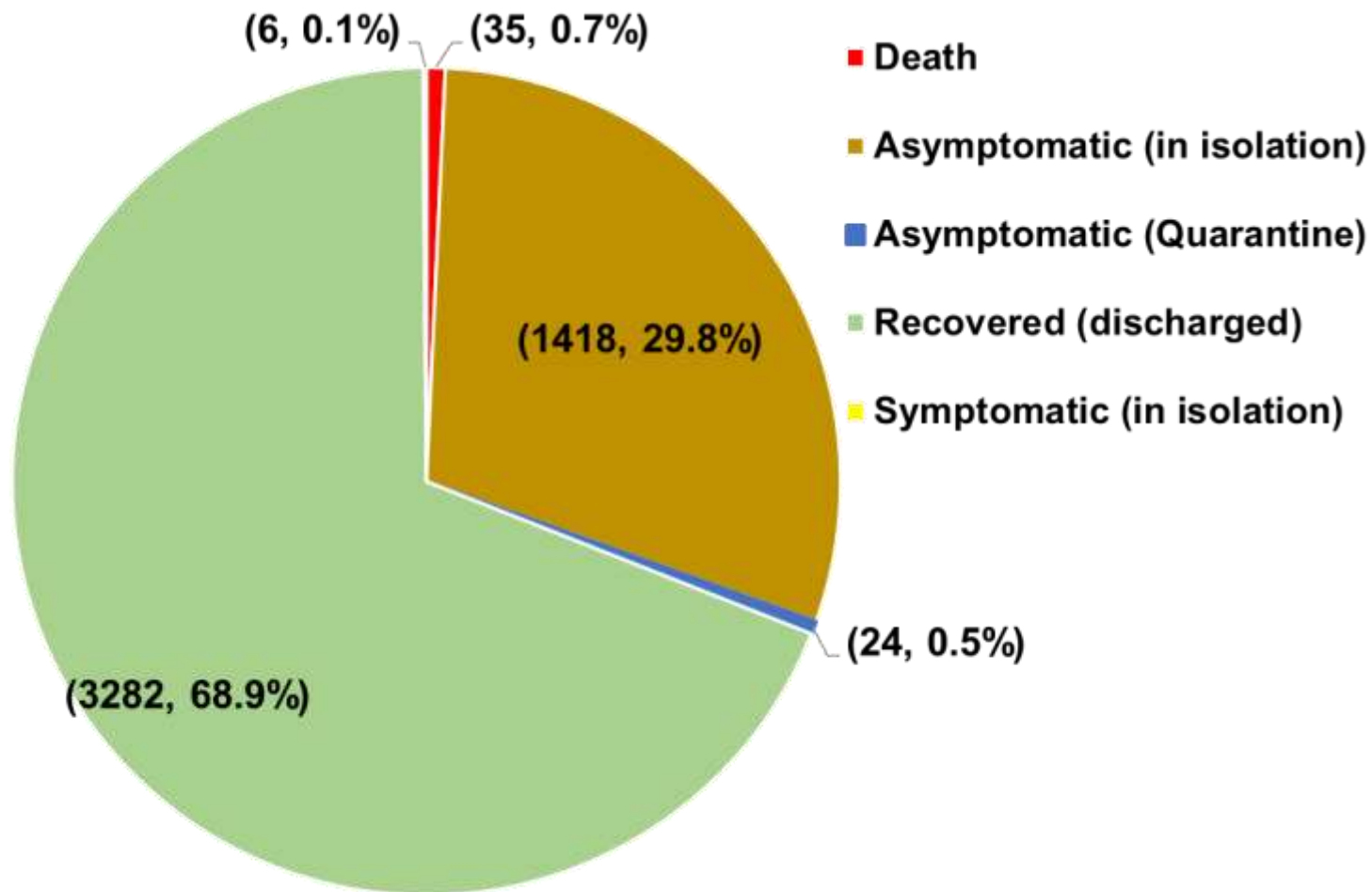
Technical Assistance from
WHO ,Nepal

Distribution of COVID-19 cases in 18- 40 years age group and sex by province (N=16421)

Province	Total	Male	Male (% of male among total confirmed male case)	18-40 yrs			
				Total confirmed case	Percentage confirmed case	Male (N of male among confirmed male case)	Male (% of male among confirmed male case)
Bagmati	705	476	67.5	531	75.3	344	72.3
Gandaki	1216	1063	87.4	942	77.5	831	78.2
Karnali	1621	1463	90.3	1259	77.7	1140	77.9
Province 1	737	614	83.3	570	77.3	483	78.7
Province 2	4260	3990	93.7	3234	75.9	3072	77.0
Province 5	4011	3551	88.5	3135	78.2	2841	80.0
Sudur paschim	3871	3002	77.6	2916	75.3	2321	77.3
National	16421	14159	86.2	12587	76.7	11032	77.9

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from WHO ,Nepal

Outcome status of COVID-19 cases in Nepal (N=4765)

(6, 0.1%) (35, 0.7%)

- **Death**
- **Asymptomatic (in isolation)**
- **Asymptomatic (Quarantine)**
- **Recovered (discharged)**
- **Symptomatic (in isolation)**

(1418, 29.8%)

(24, 0.5%)

(3282, 68.9%)

Current clinical status of 11656 cases are under investigation.

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from WHO ,Nepal

Age-specific case fatality ratio and comorbidity of deaths* in COVID-19 confirmed cases (N=16421)

Age Group	Total confirmed cases	Death (male)	Death (female)	Deaths with any known comorbid condition	Age specific case fatality ratio (%)
0-4 yrs	362	1	1	0	0.55
5-14 yrs	681	1	0	0	0.15
15-24 yrs	6371	1	0	1	0.02
25-34 yrs	4853	4	2	3	0.12
35-44 yrs	2602	5	1	3	0.23
45-54 yrs	1064	6	1	4	0.66
55-64 yrs	330	6	0	5	1.82
65-74 yrs	92	3	0	3	3.26
75-84 yrs	28	2	0	2	7.14
85+ yrs	4	1	0	0	25
Unknown	34	0	0	0	0
Grand Total	**16421**	**30**	**5**	**21**	**0.21**

COVID-19 positive lab result is temporally associated with death; causal association under investigation.
* Source: https://covid19.mohp.gov.np/#/

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from WHO ,Nepal

Distribution symptomatic/asymptomatic COVID-19 cases at presentation (N=16421)

Age Group	Total confirmed cases	Asymptomatic	Symptomatic (n)	Symptomatic (%)
0-4 yrs	362	361	1	0.3
5-14 yrs	681	679	2	0.3
15-24 yrs	6371	6363	8	0.1
25-34 yrs	4853	4833	20	0.4
35-44 yrs	2602	2595	7	0.3
45-54 yrs	1064	1062	2	0.2
55-64 yrs	330	326	4	1.2
65-74 yrs	92	91	1	1.1
75-84 yrs	28	27	1	3.6
85+ yrs	4	3	1	25.0
Unknown	34	34	0	0.0
Grand Total	**16421**	**16374**	**47**	**0.3**

- *All data are provisional*
- *Data updated till 09 Jul 2020 Time 07:00:00*

Technical Assistance from WHO ,Nepal