EPIDEMIOLOGICAL SITUATION COVID-19, Nepal

Week 20, 21 and 22 (10 May – 30 May 2020)
28 May 2020 T07:00:00

This update is prepared based on available information.

Overview
Week 20, Week 21 and Week 22 (10 May till 28 May 2020)

- Total confirmed Covid-19 Cases : 875; Death: 4
- Total district affected: 44/77
- Total province affected: 7/7
- Number of province/district with cases in three weeks: 7 provinces/42 districts
- Number of newly affected province in three weeks: 1 province (Karnali)
- Number of confirmed cases in three weeks: 765 (87% of total confirmed cases)
- Number of deaths in three weeks: 1 (Bagmati), 2 (Province 5),1(Province 2)
- District reported cases by province in three weeks:

  - **Province 1:** Dhankuta, Jhapa ,Khotang, Morang, Sunsari, Udayapur
  - **Province 2:** Bara, Dhanusha, Mahottari, Parsa, Rautahat, Mahottari, Saptari, Sarlahi, Siraha
  - **Bagmati:** Bhaktapur, Chitwan, Dhading, Kathmandu, Kavrepalanchowk, Lalitpur, Makwanpur, Ramechhap, Sindhuli, Sindhupalchok, Nuwakot
  - **Gandaki:** Lamjung, Nawalapur,Baglung
  - **Province 5:** Banke, Bardiya, Dang, Gulmi, Kapilvastu, Parasi (Nawalparasi west), Rupandehi, Arghakhanchi, Rukum East
  - **Karnali:** Dailekh, Surkhet
  - **SudurPaschhim:** Baitadi, Dadeldhura, Kailali

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

Transmission classification based on WHO definitions

Reporting Province	Total confirmed cumulative cases	Total cumulative deaths	Transmission classification*	Number of districts affected	Date of most recent case#
Province 1	104	-	Cluster of cases	7	25-May-2020
Province 2	327	1	Cluster of cases	8	27-May-2020
Bagmati	41	1	Sporadic cases	11	27-May-2020
Gandaki	11	-	Sporadic cases	3	27-May-2020
Province 5	355	2	Cluster of cases	9	27-May-2020
Karnali	23	-	Sporadic cases	2	26-May-2020
Sudurpaschhim	14	-	Sporadic cases	4	23-May-2020
National Total	875	4		44	27-May-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
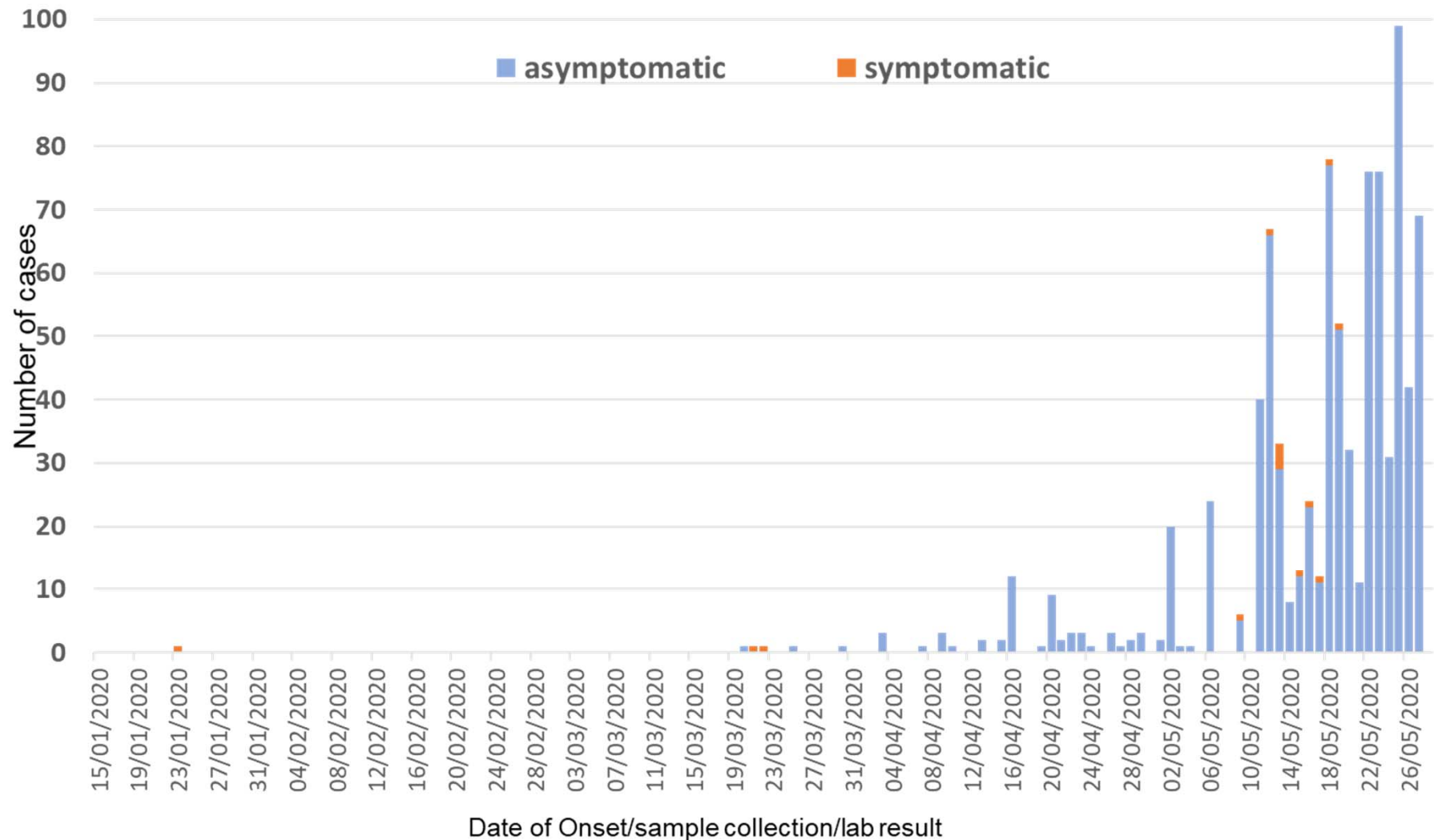
Community transmission- experiencing larger outbreaks of local transmission defined through an assessment of factors including, but not limited to:

      - 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 28 May 2020 Time 07:00:00*

Time distribution

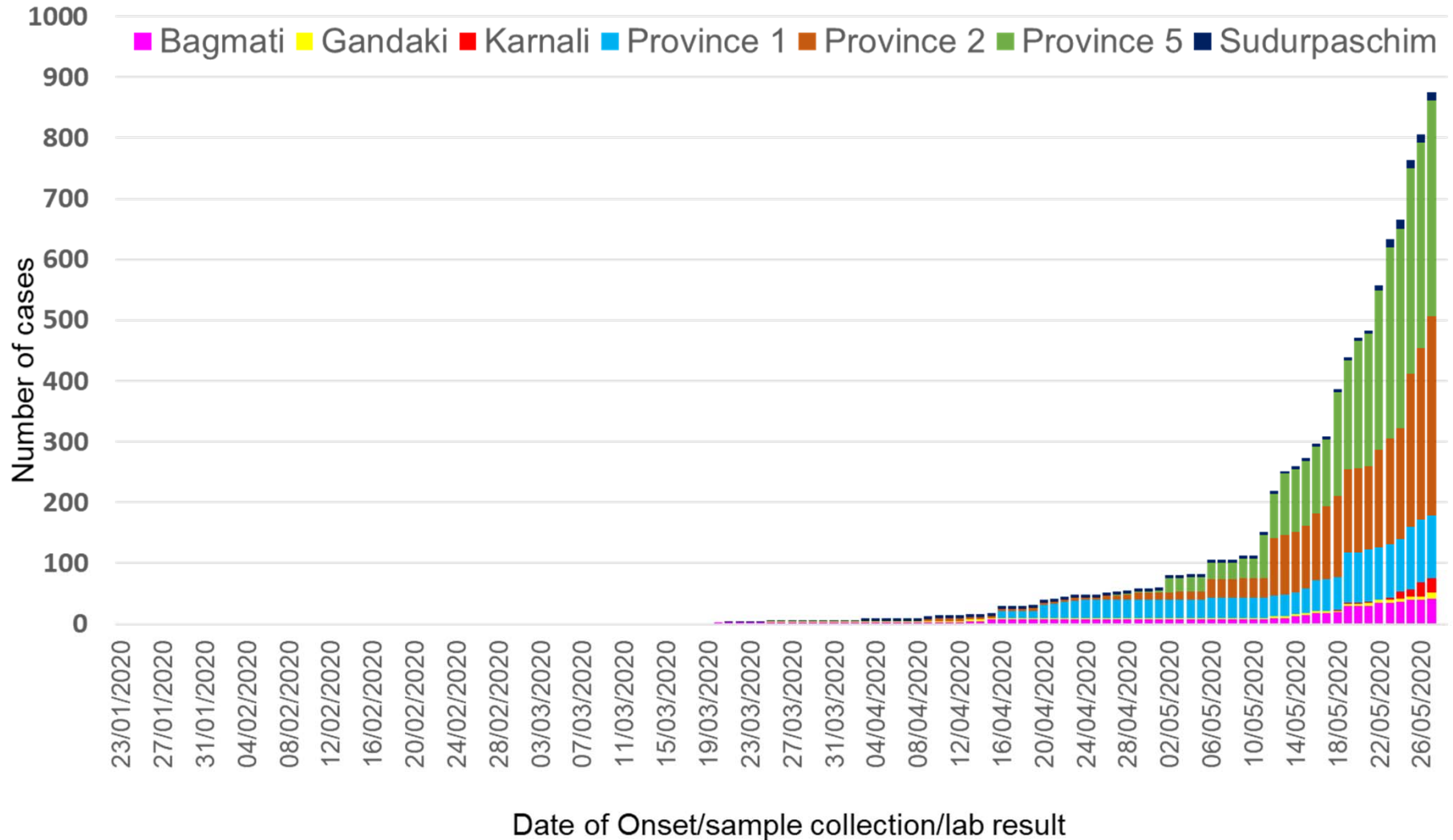# Epidemic curve of laboratory confirmed COVID-19 cases, by date of onset/sample/confirmation (N=875)

Note: The first case was developed symptoms on 31 Dec 2019 in China and was confirmed on 23 Jan 2020. 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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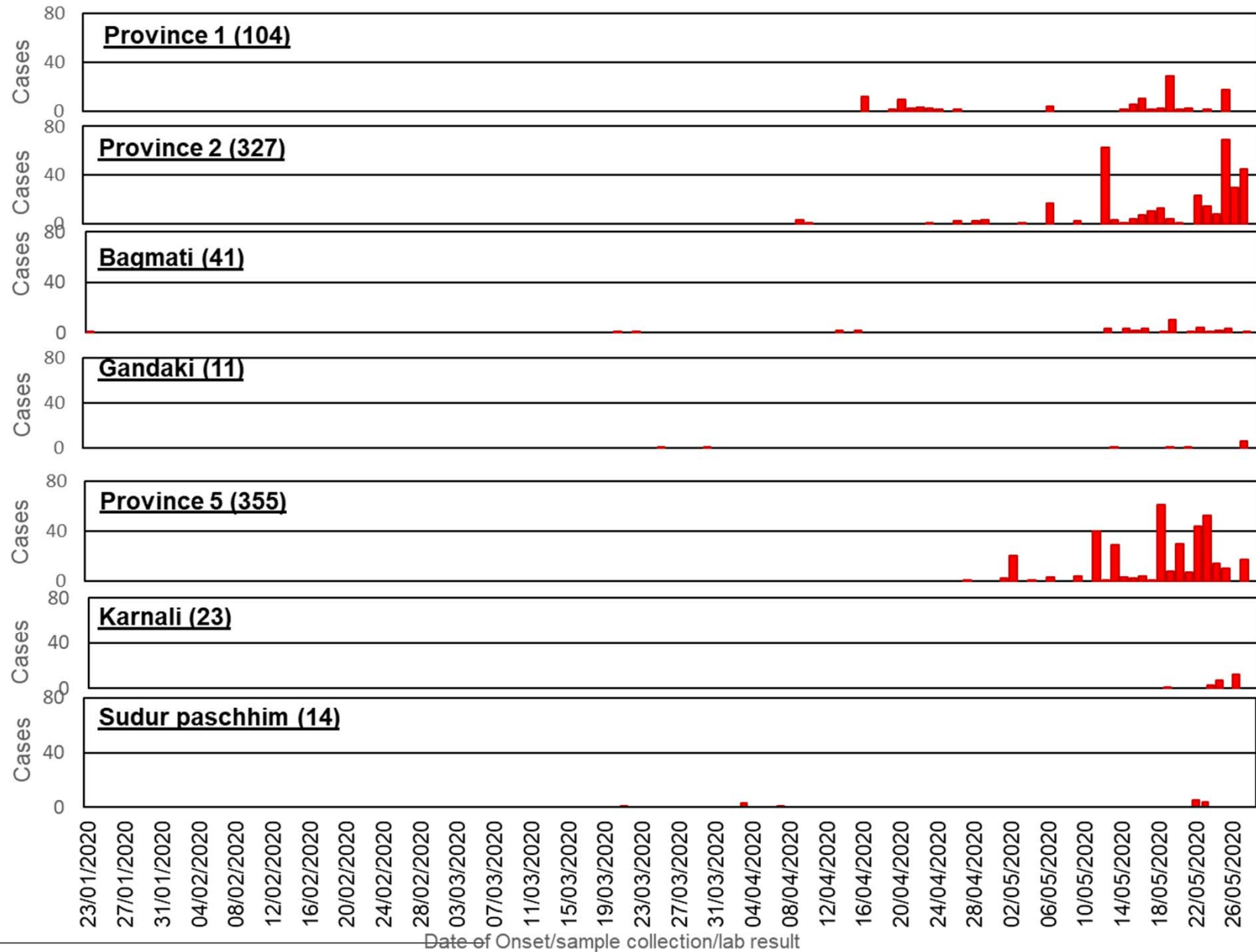- *Data updated till 28 May 2020 Time 07:00:00*

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

Note: The first case was developed symptoms on 31 Dec 2019 in China and was confirmed on 23 Jan 2020. 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

- *All data are provisional*
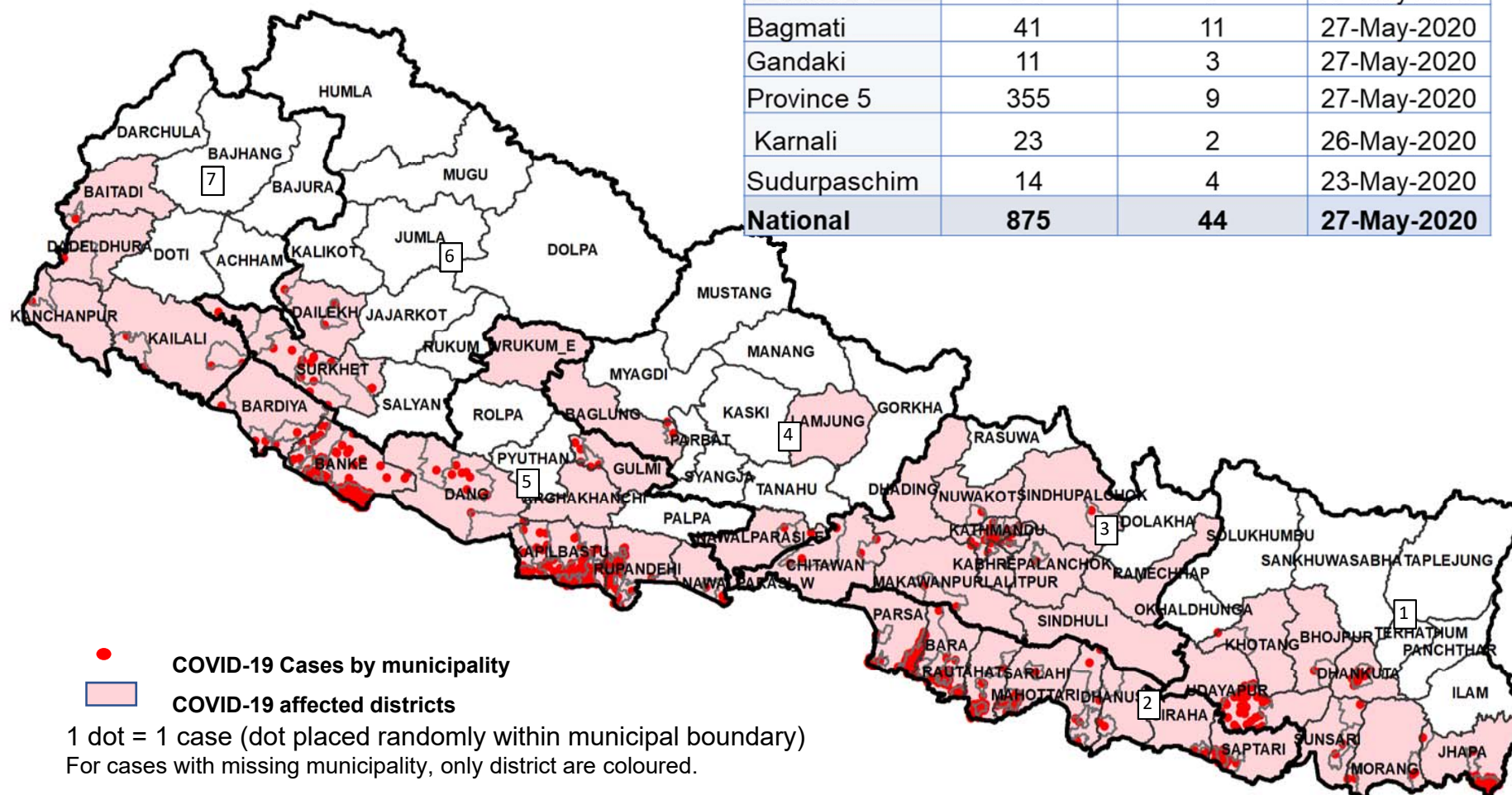- *Data updated till 28 May 2020 Time 07:00:00*

Note: The first case was contracted infection in December when he was in China.

Place distribution

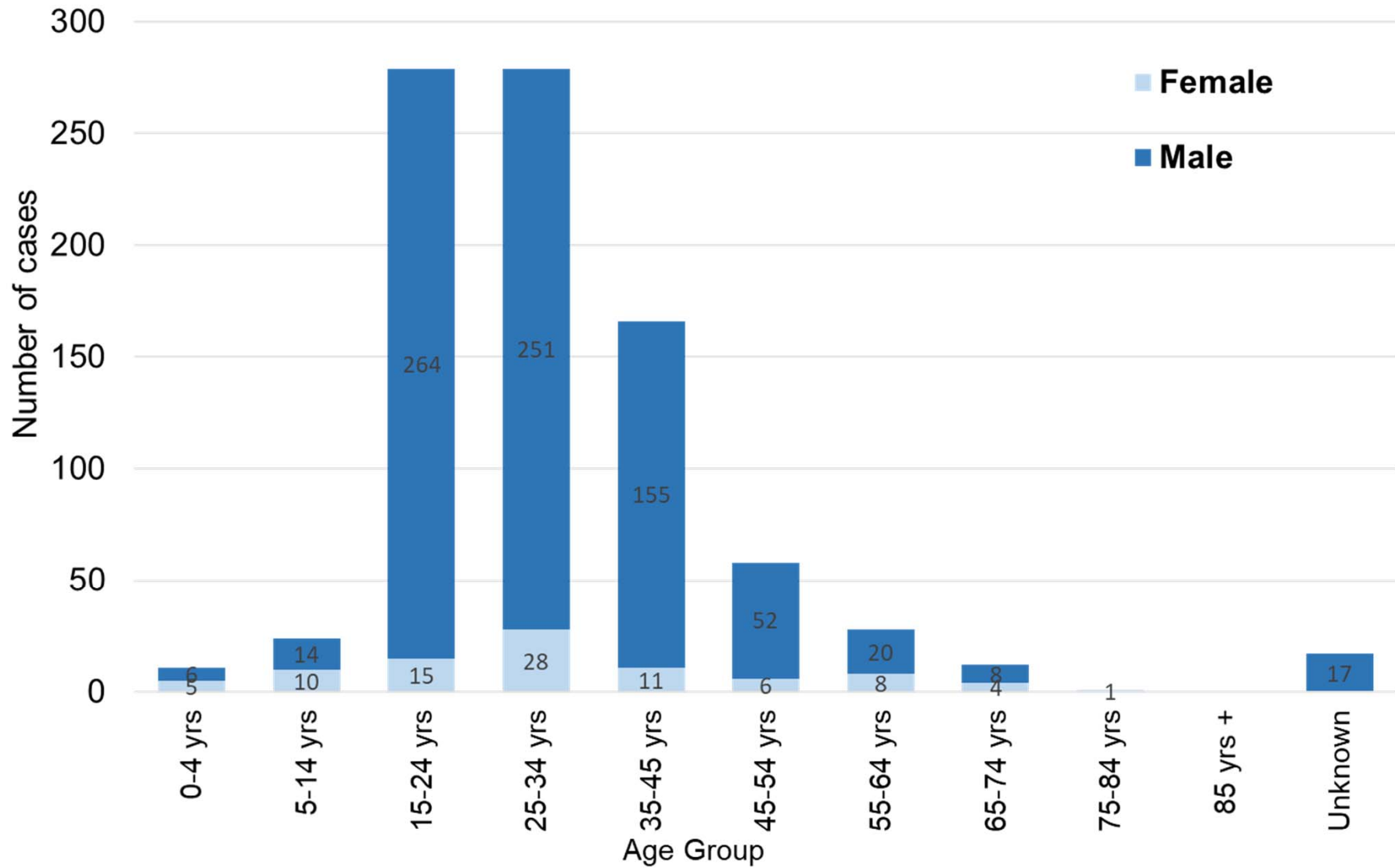# Municipalities (By domicile) with reported laboratory confirmed COVID-19 cases

Province	Total confirmed cases	Total district affected	Date of last case
Province 1	104	7	25-May-2020
Province 2	327	8	27-May-2020
Bagmati	41	11	27-May-2020
Gandaki	11	3	27-May-2020
Province 5	355	9	27-May-2020
Karnali	23	2	26-May-2020
Sudurpaschim	14	4	23-May-2020
National	**875**	**44**	**27-May-2020**

● COVID-19 Cases by municipality

▢ COVID-19 affected districts

1 dot = 1 case (dot placed randomly within municipal boundary)
For cases with missing municipality, only district are coloured.

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Person distribution

Distribution of COVID-19 cases by age and sex (N=875)

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- *Data updated till 28 May 2020 Time 07:00:00*

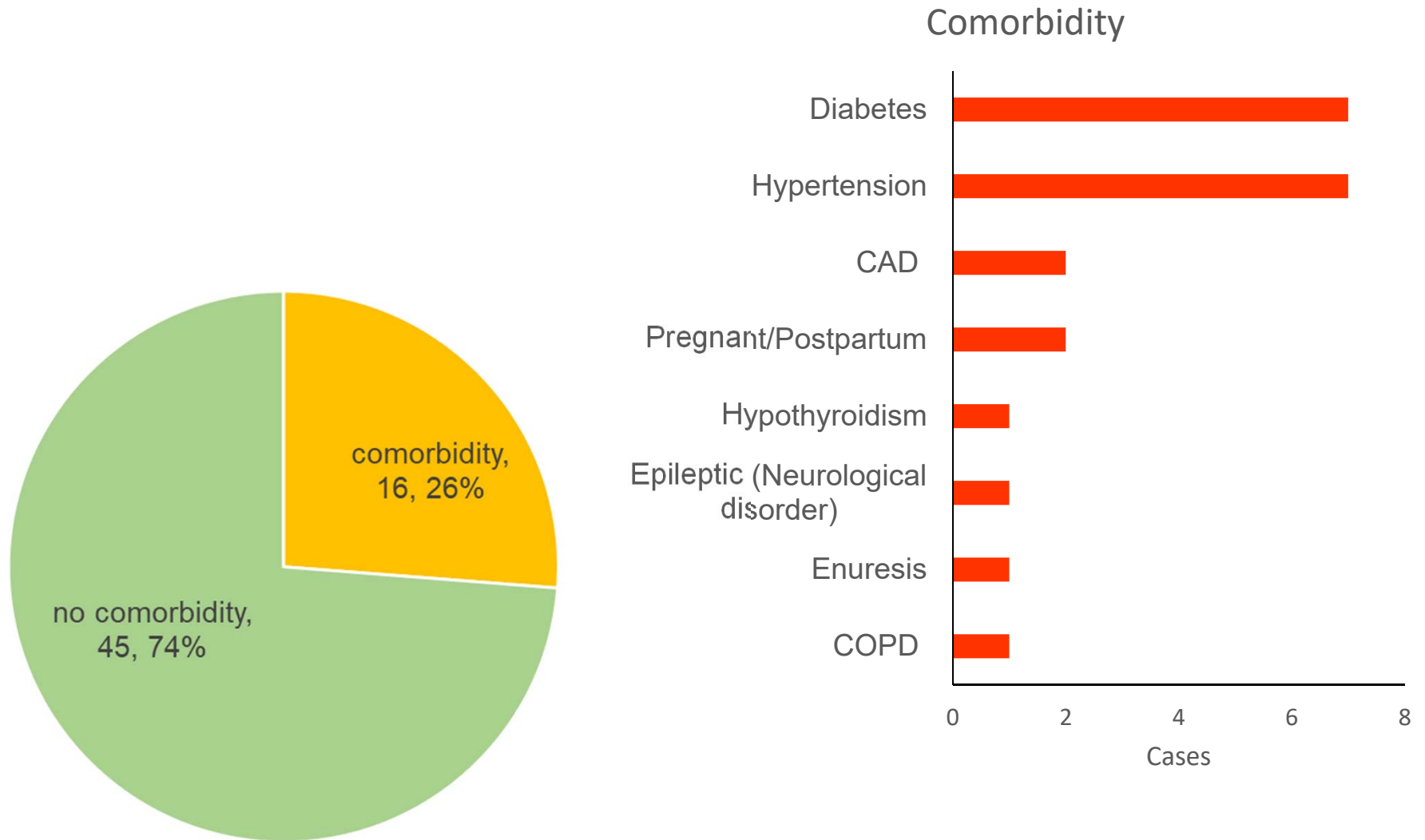# Distribution of COVID-19 cases by age and sex by province (N=875)

Percentage of male among total confirmed cases = 90% (787/875)
Percentage of male in 15-54 year among confirmed male cases = 92% (722/787)

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	Unknown	
Province 1	Female	0	0	2	2	3	2	1	1	0	0	11
	Male	0	0	37	28	13	7	7	1	0	0	93
	Total	0	0	39	30	16	9	8	2	0	0	104
Province 2	Female	1	3	6	6	4	3	2	0	0	0	25
	Male	4	10	78	89	72	27	7	5	0	10	302
	Total	5	13	84	95	76	30	9	5	0	10	327
Bagmati	Female	0	0	1	7	2	0	1	1	1	0	13
	Male	0	2	2	9	10	2	1	2	0	0	28
	Total	0	2	3	16	12	2	2	3	1	0	41
Gandaki	Female	0	0	1	0	0	0	0	1	0	0	2
	Male	1	0	4	2	0	2	0	0	0	0	9
	Total	1	0	5	2	0	2	0	1	0	0	11
Province 5	Female	4	7	5	10	2	1	4	0	0	0	33
	Male	0	1	128	113	56	12	5	0	0	7	322
	Total	4	8	133	123	58	13	9	0	0	7	355
Karnali	Female	0	0	0	2	0	0	0	0	0	0	2
	Male	1	1	8	6	3	2	0	0	0	0	21
	Total	1	1	8	8	3	2	0	0	0	0	23
Sudurpaschim	Female	0	0	0	1	0	0	0	1	0	0	2
	Male	0	0	7	4	1	0	0	0	0	0	12
	Total	0	0	7	5	1	0	0	1	0	0	14
National	Female	5	10	15	28	11	6	8	4	1	0	88
	Male	6	14	264	251	155	52	20	8	0	17	787
	Total	11	24	279	279	166	58	28	12	1	17	875

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Co-morbidity of COVID-19 cases in Nepal (N=61)

Comorbidity

Some cases are with more than one comorbidity. 814 cases are currently under investigation

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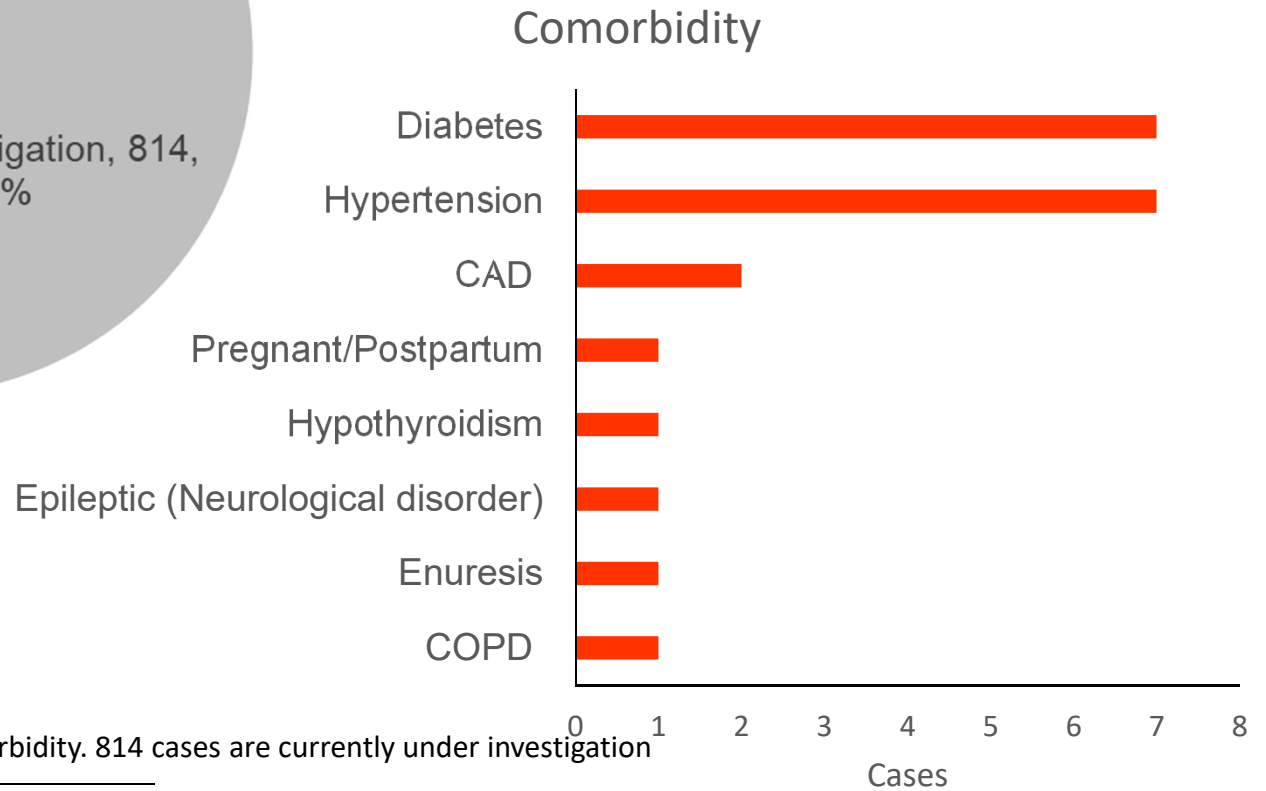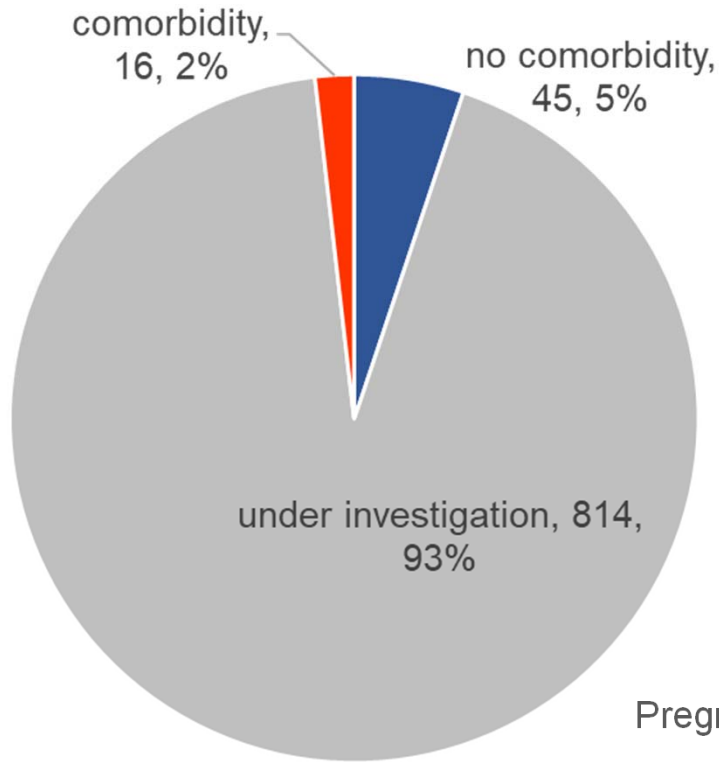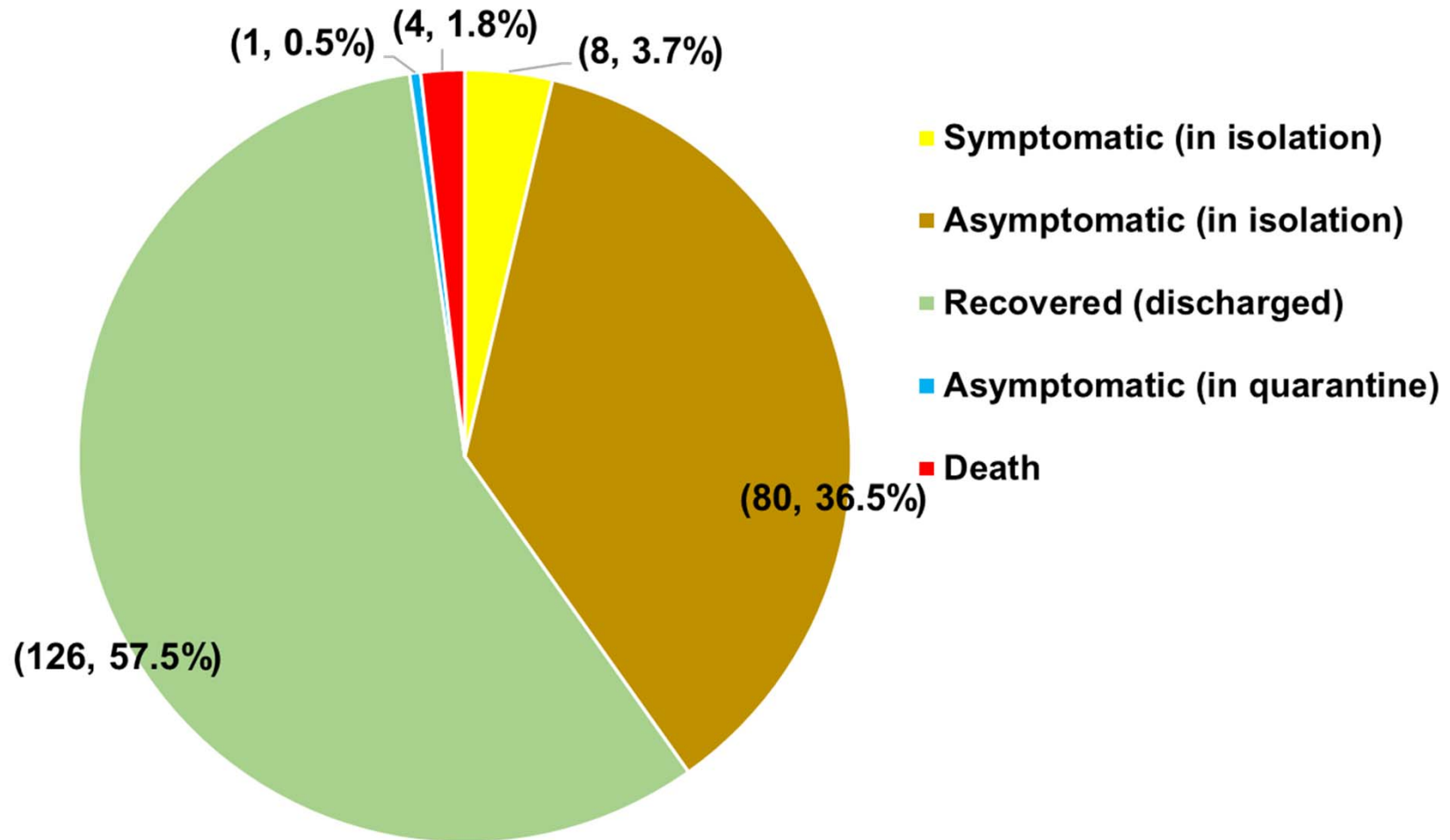- *Data updated till 28 May 2020 Time 07:00:00*

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Co-morbidity of COVID-19 cases in Nepal (N=875)

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Outcome status of COVID-19 cases in Nepal (N=219)

(1, 0.5%) (4, 1.8%) (8, 3.7%)

- Symptomatic (in isolation)
- Asymptomatic (in isolation)
- Recovered (discharged)
- Asymptomatic (in quarantine)
- Death

(80, 36.5%)

(126, 57.5%)

Current clinical status of 656 cases are under investigation.

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