

# EPIDEMIOLOGICAL SITUATION COVID-19, Nepal



Ministry of Health & Population  
Department of Health Services  
**Epidemiology & Disease Control Division (EDCD)**  
Teku, Kathmandu

# EPIDEMIOLOGICAL SITUATION COVID-19, Nepal

**Week 20, 21 and 22 (10 May – 30 May 2020)  
29 May 2020 T09:00:00**

## Overview

### Week 20, Week 21 and Week 22 (10 May till 29 May 2020)

- Total confirmed Covid-19 Cases : 1031; Death: 5
- Total district affected: 49/77
- Total province affected: 7/7
- Number of province/district with cases in three weeks: 7 provinces/47 districts
- Number of newly affected province in three weeks: 1 province (Karnali)
- Number of confirmed cases in three weeks: 921 (89% of total confirmed cases)
- Number of deaths in three weeks: 2 (Bagmati), 2 (Province 5), 1 (Province 2)
- District reported cases by province in three weeks:
  - **Province 1:** Dhankuta, Jhapa, Khotang, Morang, Sunsari, Udayapur, Solukhumbu
  - **Province 2:** Bara, Dhanusha, Mahottari, Parsa, Rautahat, Mahottari, Saptari, Sarlahi, Siraha
  - **Bagmati:** Bhaktapur, Chitwan, Dhading, Kathmandu, Kavrepalanchowk, Lalitpur, Makwanpur, Ramechhap, Sindhuli, Sindhupalchok, Nuwakot, Dolkha
  - **Gandaki:** Lamjung, Nawalapur, Baglung, Syangja
  - **Province 5:** Banke, Bardiya, Dang, Gulmi, Kapilvastu, Parasi (Nawalparasi west), Rupandehi, Arghakhanchi, Rukum East
  - **Karnali:** Dailekh, Surkhet
  - **SudurPaschhim:** Baitadi, Dadeldhura, Kailali, Darchula, Baitadi

# 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*	Number of districts affected	Date of most recent case <sup>#</sup>
Province 1	130	-	Cluster of cases	8	28-May-2020
Province 2	420	1	Cluster of cases	8	28-May-2020
Bagmati	44	2	Sporadic cases	12	28-May-2020
Gandaki	15	-	Sporadic cases	4	28-May-2020
Province 5	359	2	Cluster of cases	9	27-May-2020
Karnali	45	-	Sporadic cases	2	28-May-2020
Sudurpaschim	18	-	Sporadic cases	6	28-May-2020
<b>National Total</b>	<b>1031</b>	<b>5</b>		<b>49</b>	<b>28-May-2020</b>

# - 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

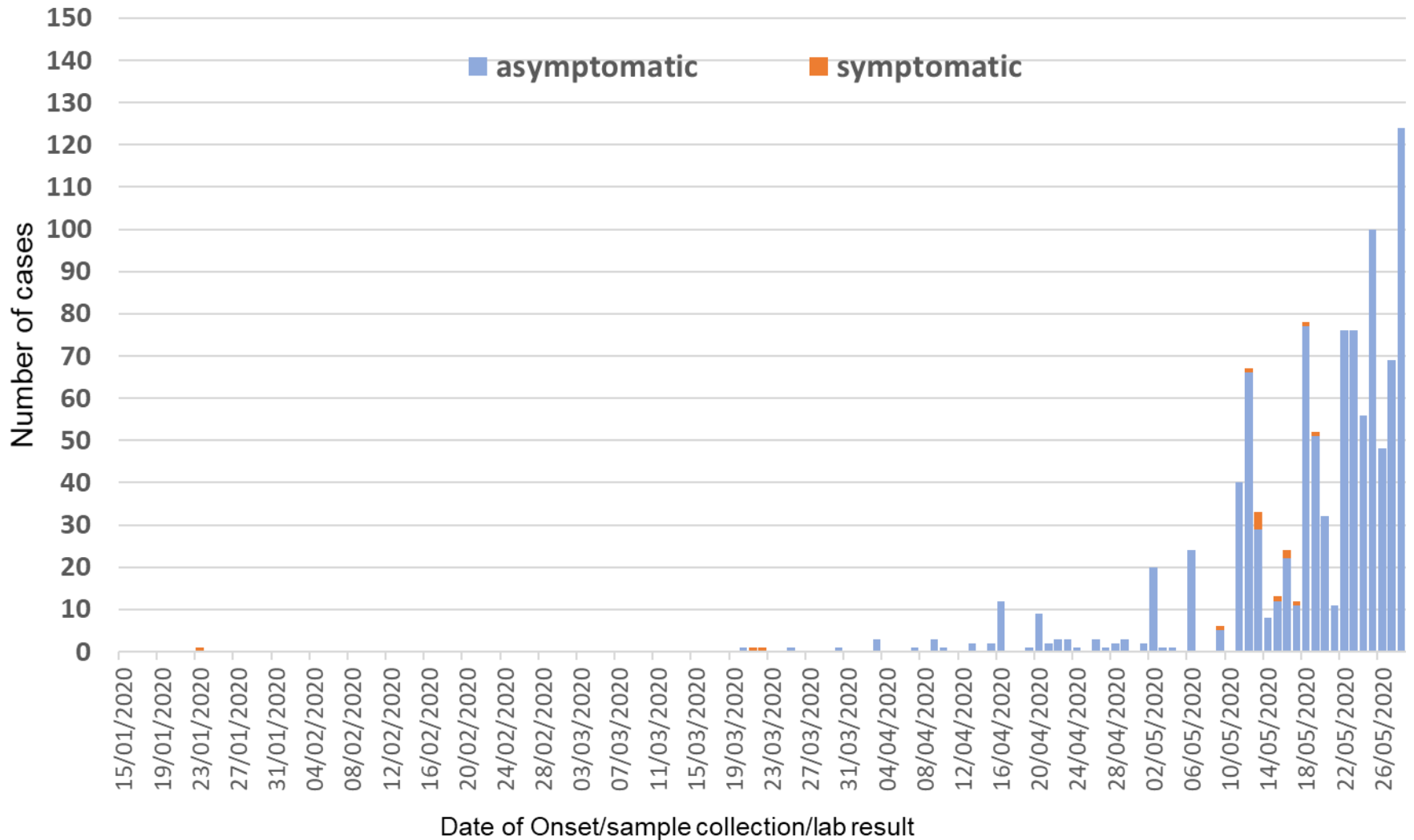
**Community transmission-** experiencing larger outbreaks of local transmission defined through an assessment of factors including, but not limited to:

- 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 29 May 2020 Time 09:00:00

# Time distribution

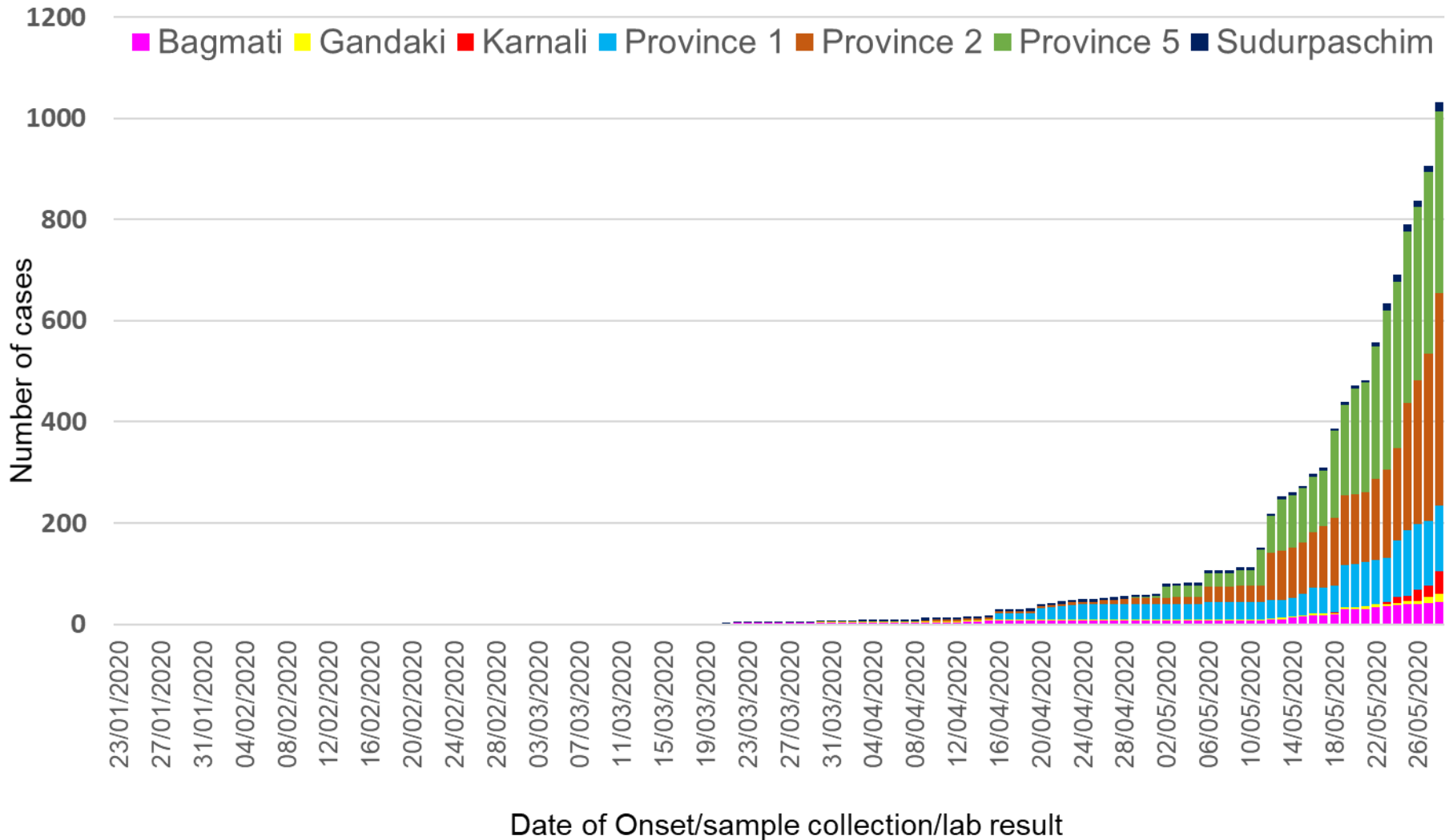
# Epidemic curve of laboratory confirmed COVID-19 cases, by date of onset/sample/confirmation (N=1031)



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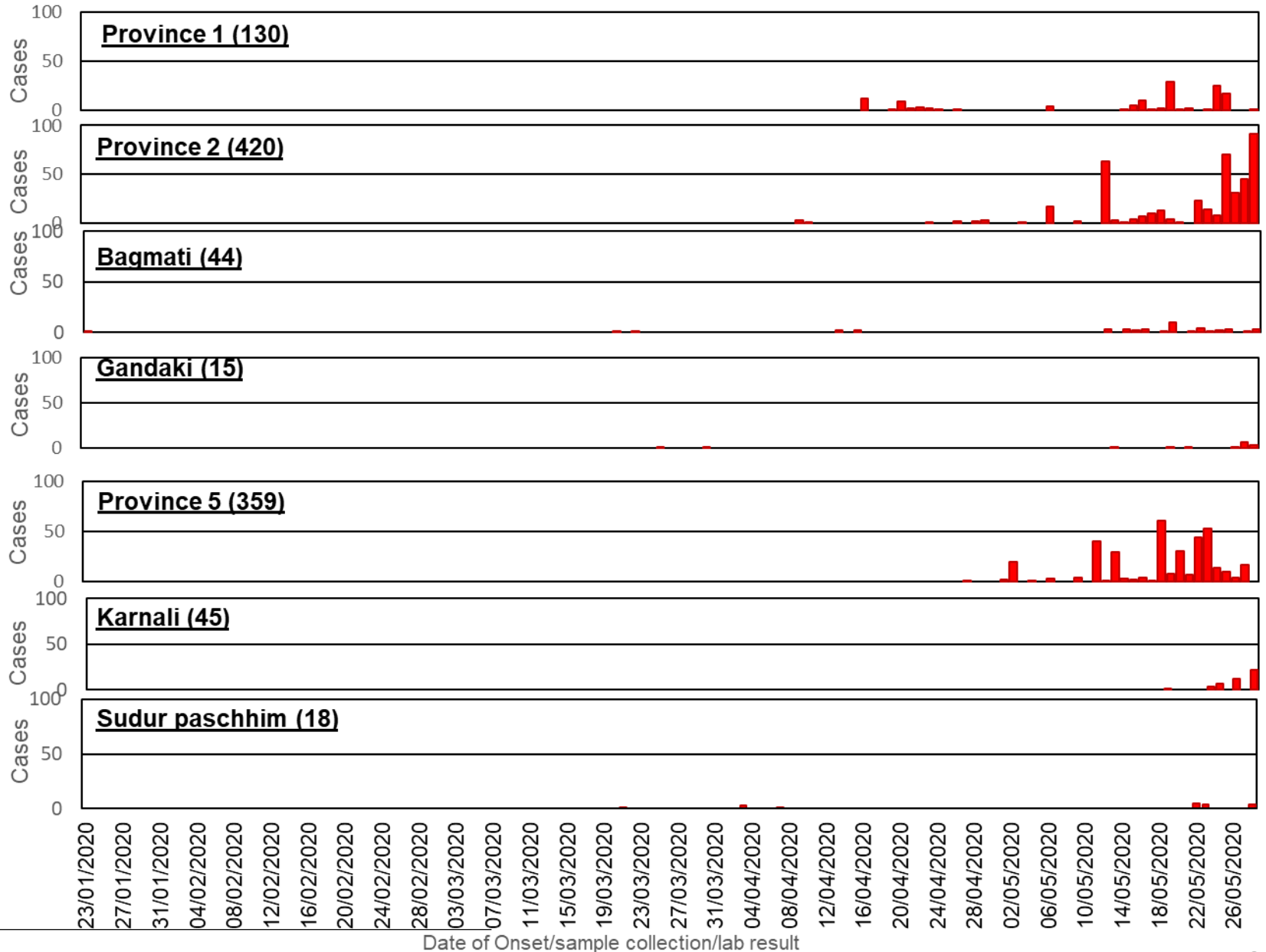
## Cumulative case count of laboratory confirmed COVID-19 cases by province



**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 29 May 2020 Time 09:00:00

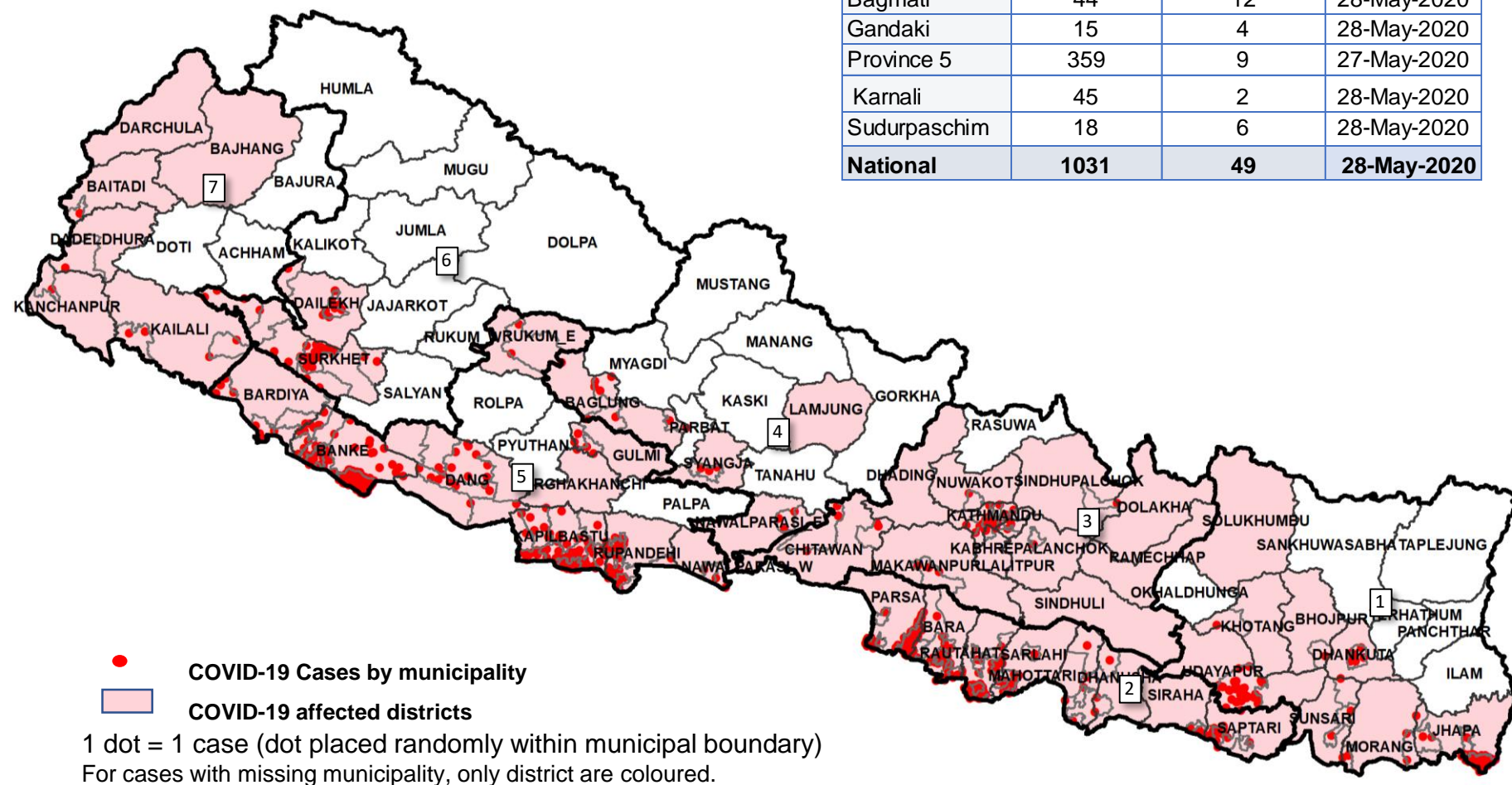
**Note:** The first case was contracted infection in December when he was in China.



# Place distribution

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

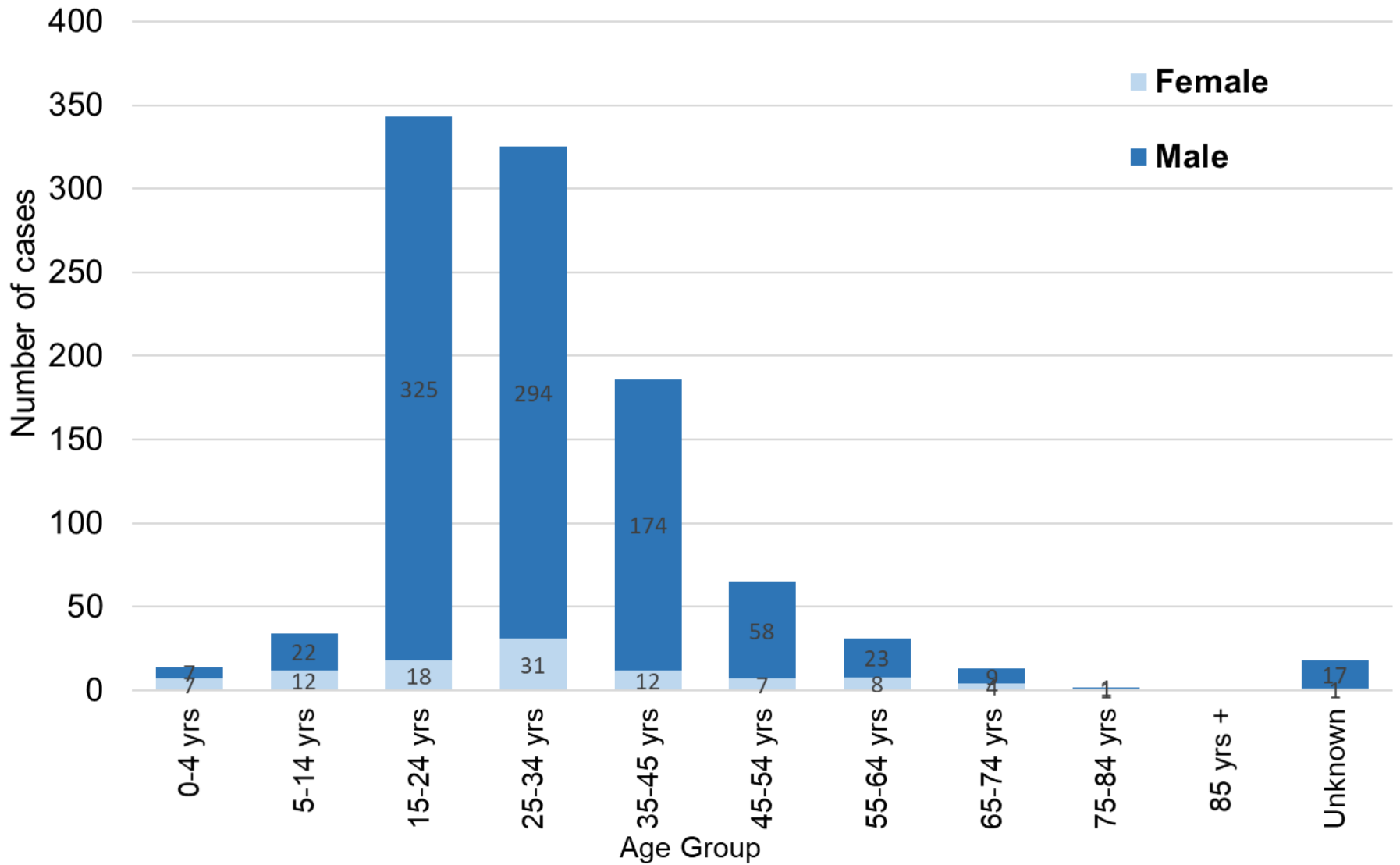
Province	Total confirmed cases	Total district affected	Date of last case
Province 1	130	8	28-May-2020
Province 2	420	8	28-May-2020
Bagmati	44	12	28-May-2020
Gandaki	15	4	28-May-2020
Province 5	359	9	27-May-2020
Karnali	45	2	28-May-2020
Sudurpaschim	18	6	28-May-2020
<b>National</b>	<b>1031</b>	<b>49</b>	<b>28-May-2020</b>



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# Person distribution

# Distribution of COVID-19 cases by age and sex (N=1031)



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# Distribution of COVID-19 cases by age and sex by province (N=1031)

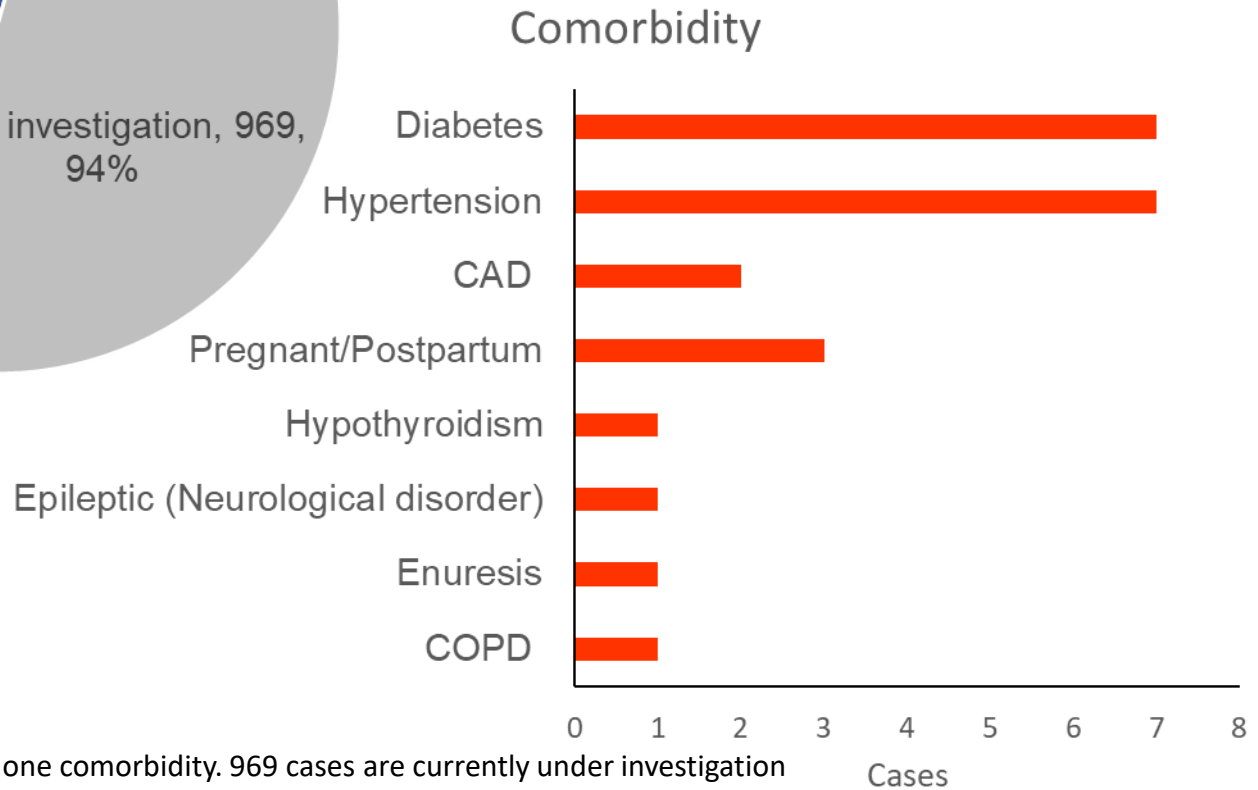
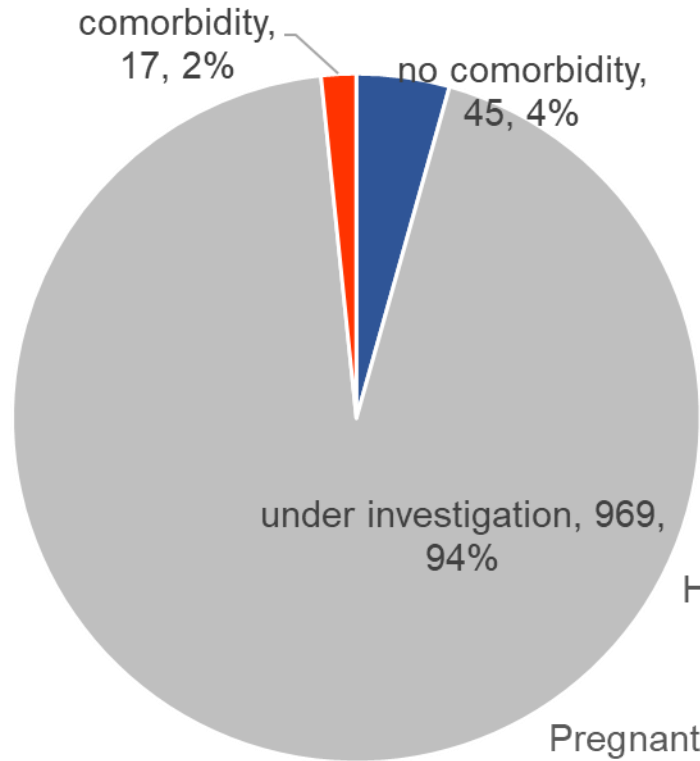
Percentage of male among total confirmed cases = 90% (930/1031)

Percentage of male in 15-54 year among confirmed male cases = 92% (851/930)

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	52	35	17	7	7	1	0	0	119
	Total	0	0	54	37	20	9	8	2	0	0	130
Province 2	Female	2	4	7	7	4	4	2	0	0	0	30
	Male	4	16	117	114	83	32	8	6	0	10	390
	Total	6	20	124	121	87	36	10	6	0	10	420
Bagmati	Female	0	0	1	7	2	0	1	1	1	0	13
	Male	0	2	2	9	10	3	2	2	1	0	31
	Total	0	2	3	16	12	3	3	3	2	0	44
Gandaki	Female	0	0	1	0	1	0	0	1	0	0	3
	Male	1	0	6	3	0	2	0	0	0	0	12
	Total	1	0	7	3	1	2	0	1	0	0	15
Province 5	Female	4	7	5	10	2	1	4	0	0	0	33
	Male	0	1	128	117	56	12	5	0	0	7	326
	Total	4	8	133	127	58	13	9	0	0	7	359
Karnali	Female	1	1	2	4	0	0	0	0	0	1	9
	Male	2	3	13	9	7	2	0	0	0	0	36
	Total	3	4	15	13	7	2	0	0	0	1	45
Sudurpaschim	Female	0	0	0	1	0	0	0	1	0	0	2
	Male	0	0	7	7	1	0	1	0	0	0	16
	Total	0	0	7	8	1	0	1	1	0	0	18
National	Female	7	12	18	31	12	7	8	4	1	1	101
	Male	7	22	325	294	174	58	23	9	1	17	930
	Total	14	34	343	325	186	65	31	13	2	18	1031

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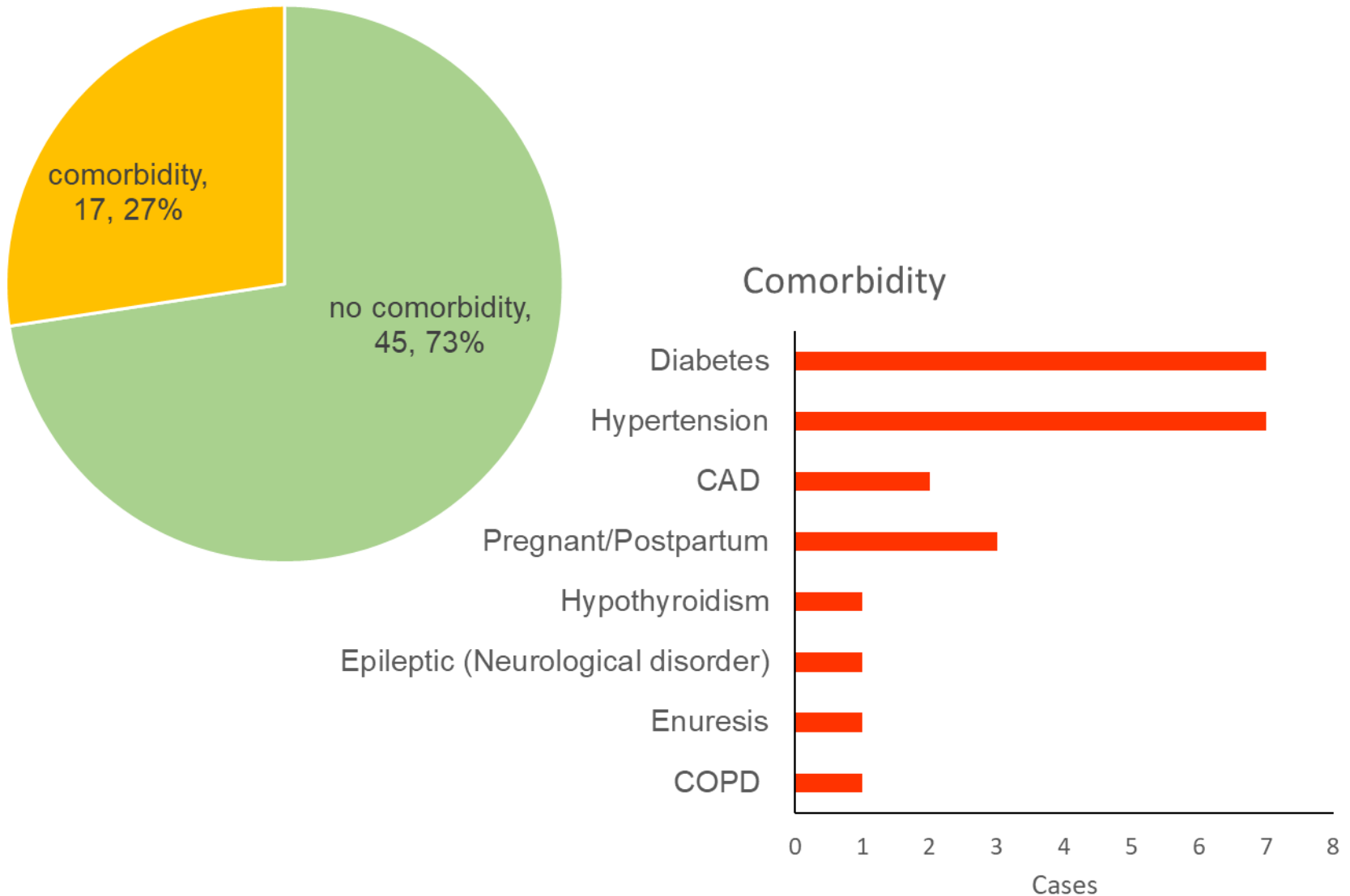
# Co-morbidity of COVID-19 cases in Nepal (N=1031)



Some cases are with more than one comorbidity. 969 cases are currently under investigation

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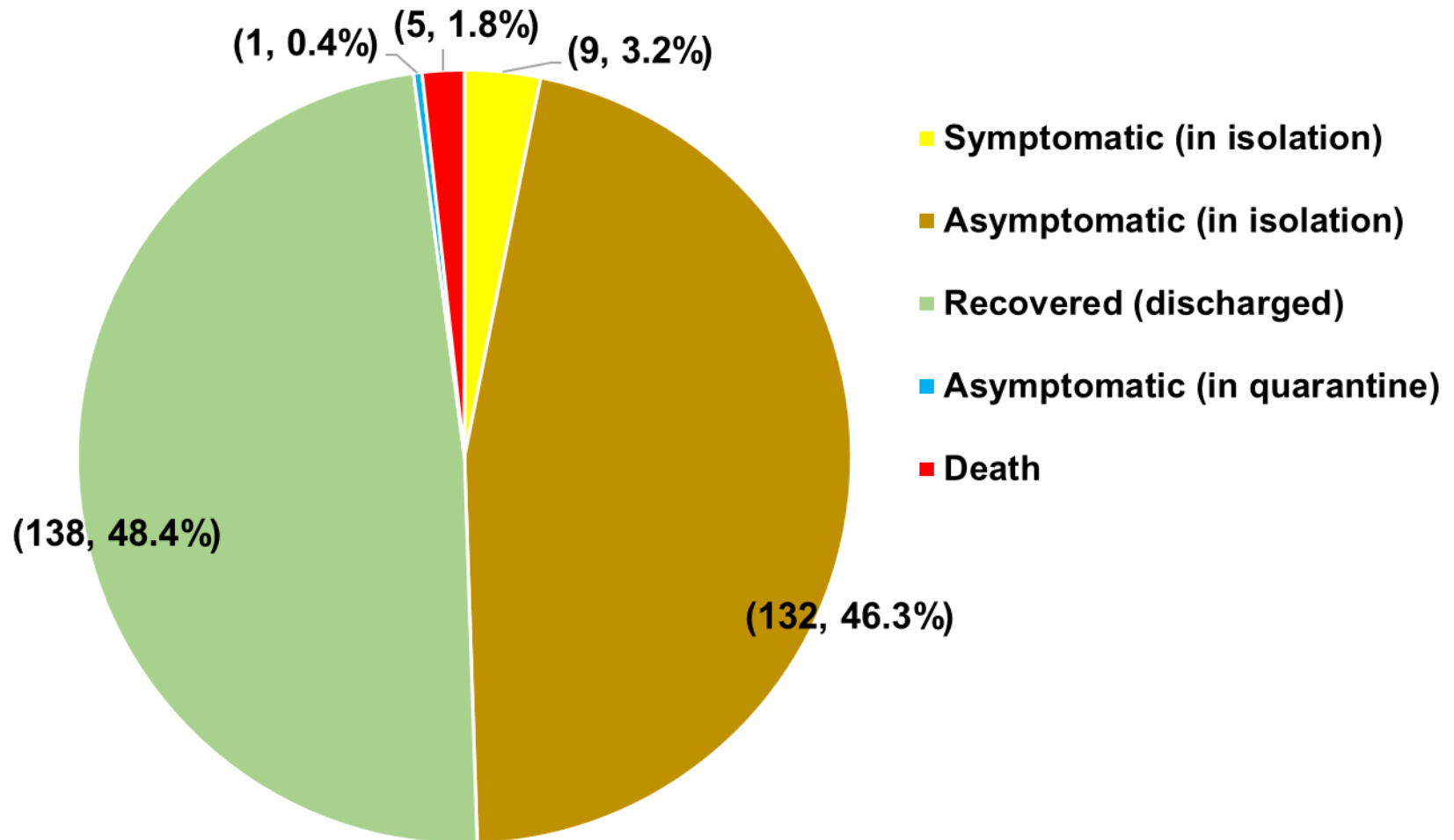
# Co-morbidity of COVID-19 cases in Nepal (N=62)



Some cases are with more than one comorbidity. 969 cases are currently under investigation

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## Outcome status of COVID-19 cases in Nepal (N=285)



Current clinical status of 746 cases are under investigation.

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