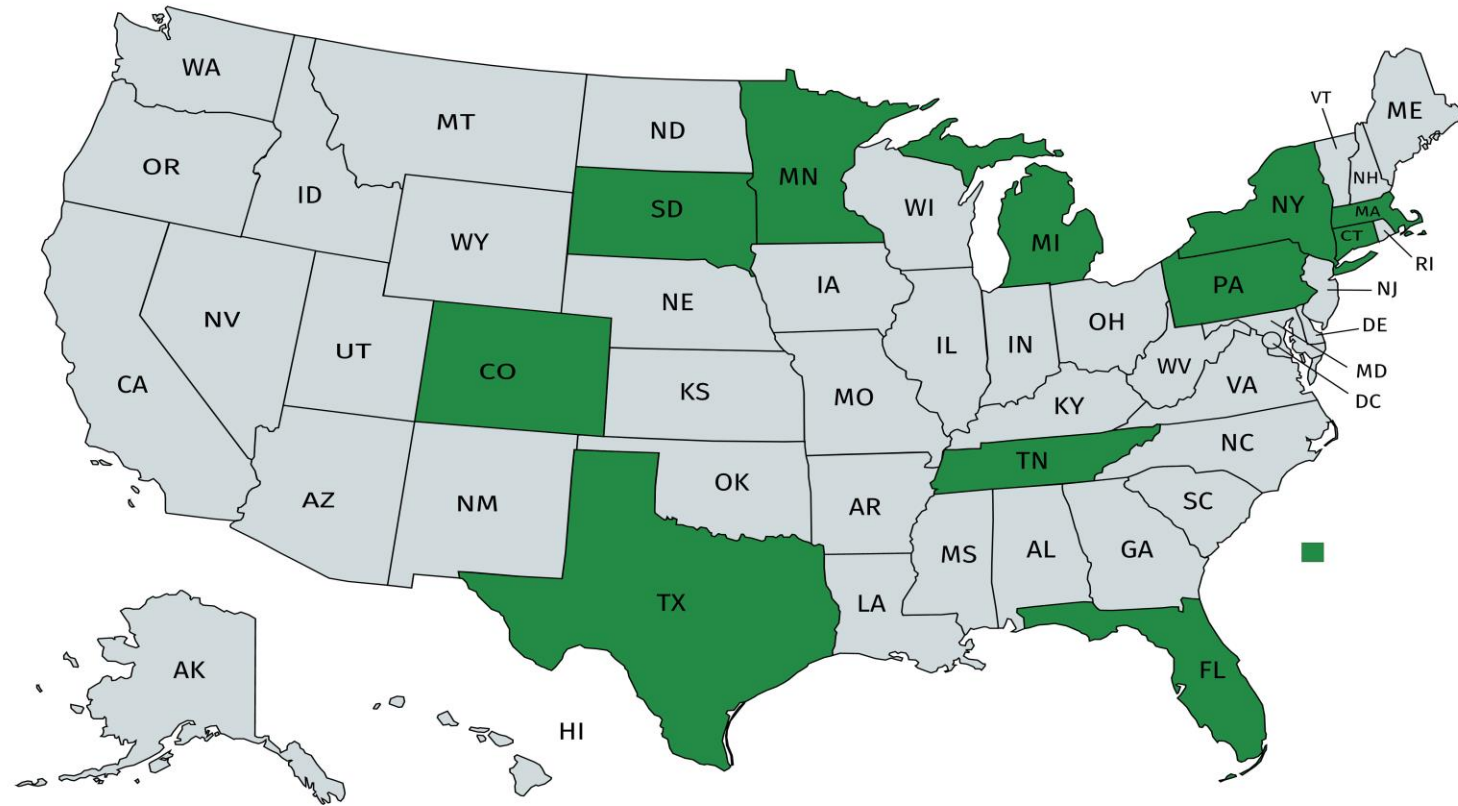




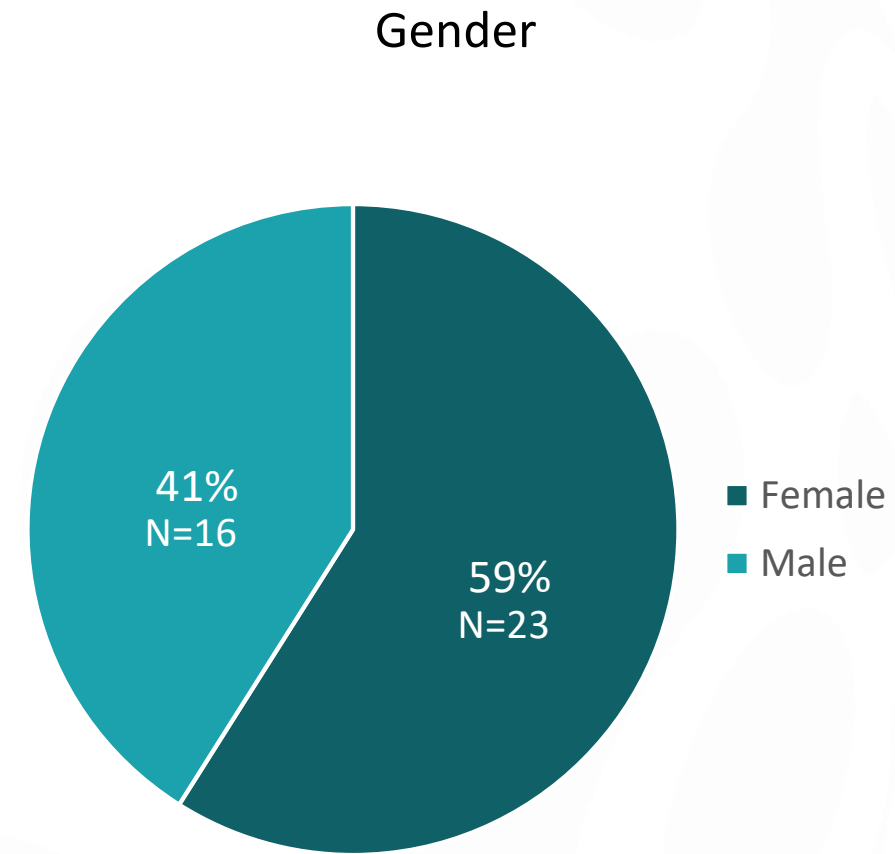
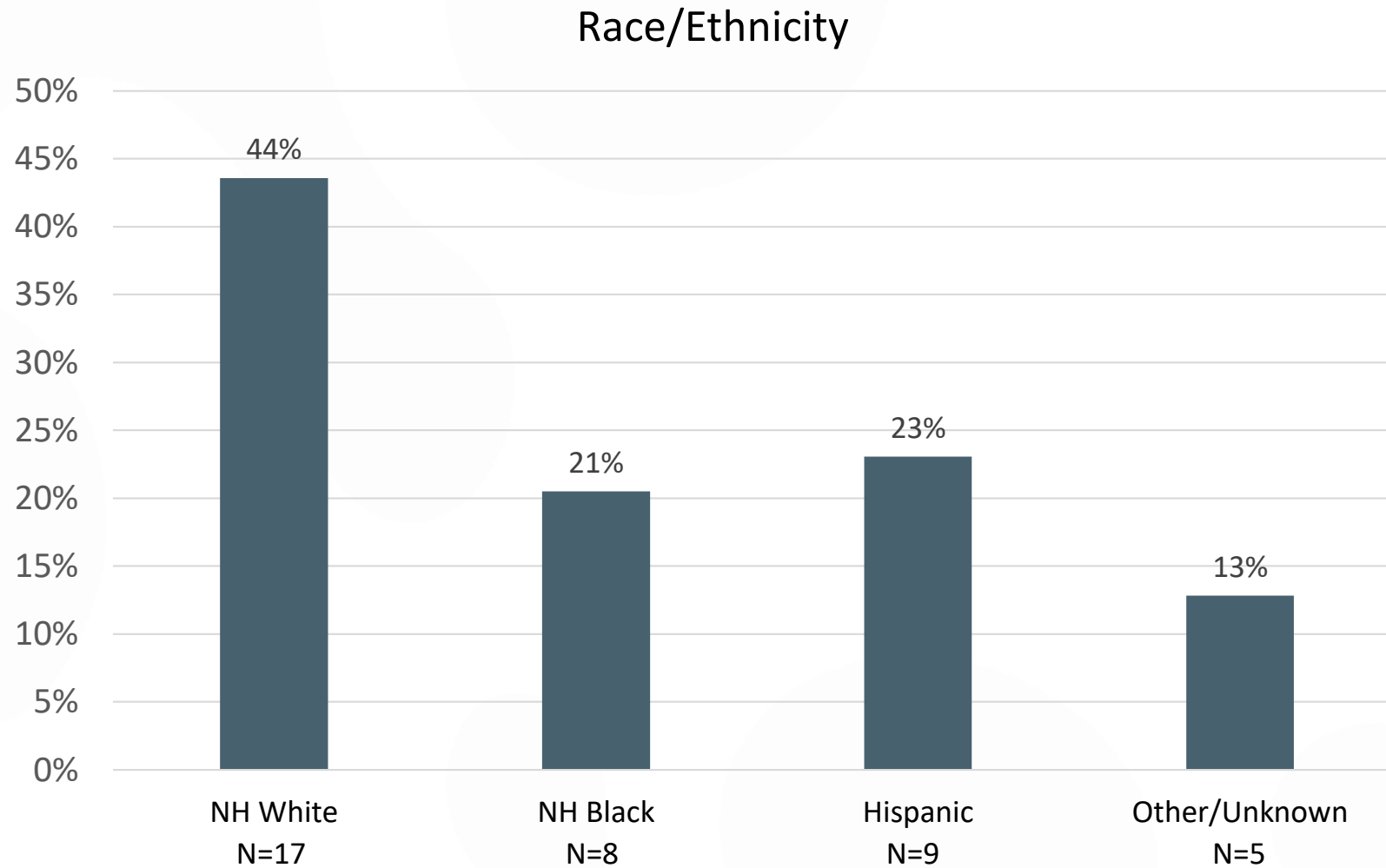
Preliminary summary of 39 validated cases submitted to the T1D
COVID-19/COVID-19 Like Illness Provider Registry as of **4/22/2020**
(Week 2)

39 Validated Submitted Cases from 11 U.S. States as of 4/22/2020



Created with mapchart.net ©

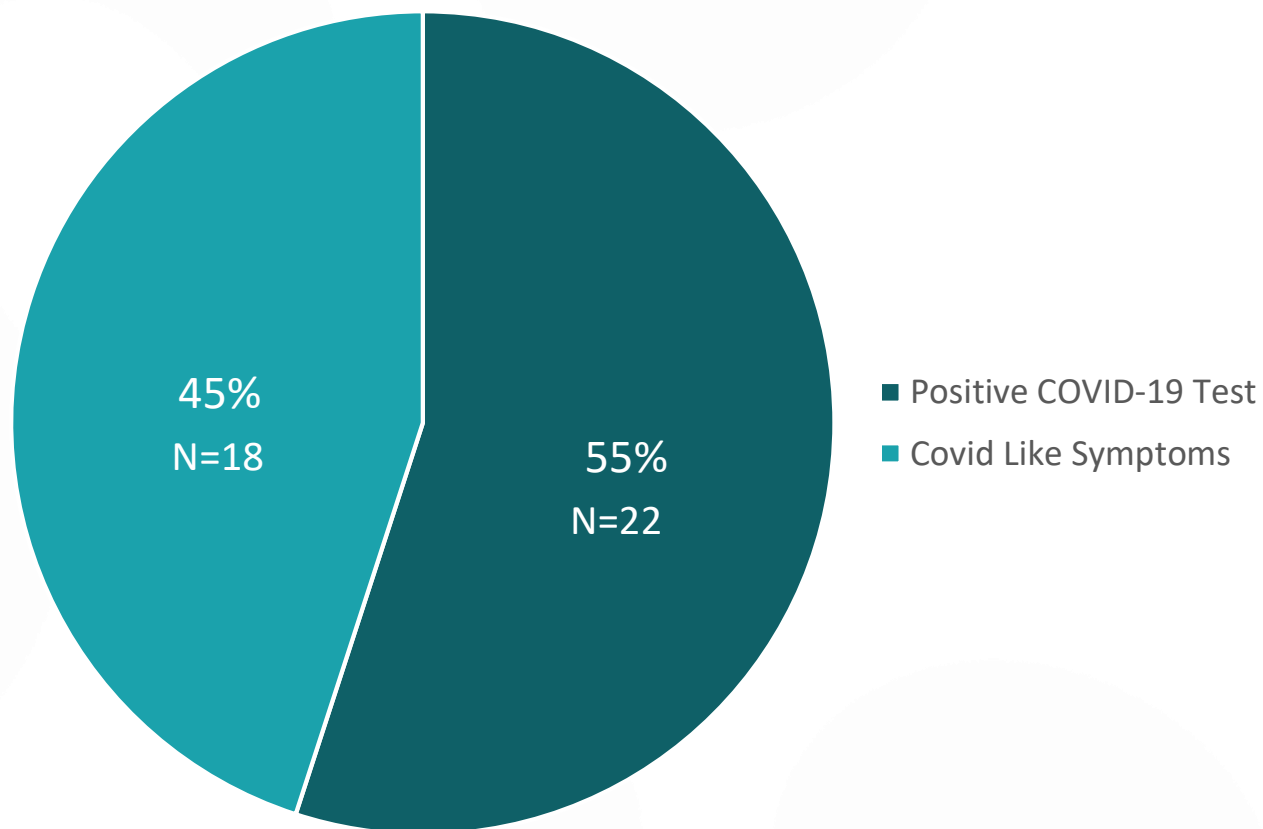
Patient Demographics of 39 submitted cases in T1D COVID-19 Database



Age and Most Recent HbA1C

		Mean (SD)	Median	Range	N
Patient Age (Years)		22.9 (17)	17	7 - 79	39
	Pediatric (Under 19)	13.8 (3.3)	14	7 - 18	26
	Adult (19 - 65)	37.9 (15.3)	33	20 - 63	12
	Senior (65+)	79	79	--	1
Most Recent HbA1C (Percent)		9.2% (2.7)	8.5%	5% - 17%	36
	HbA1C <= 8%	7.1% (0.96)	7%	5% - 8%	18
	HbA1C > 9%	11.3% (2.21)	11%	9% - 17%	18

Patient COVID Status



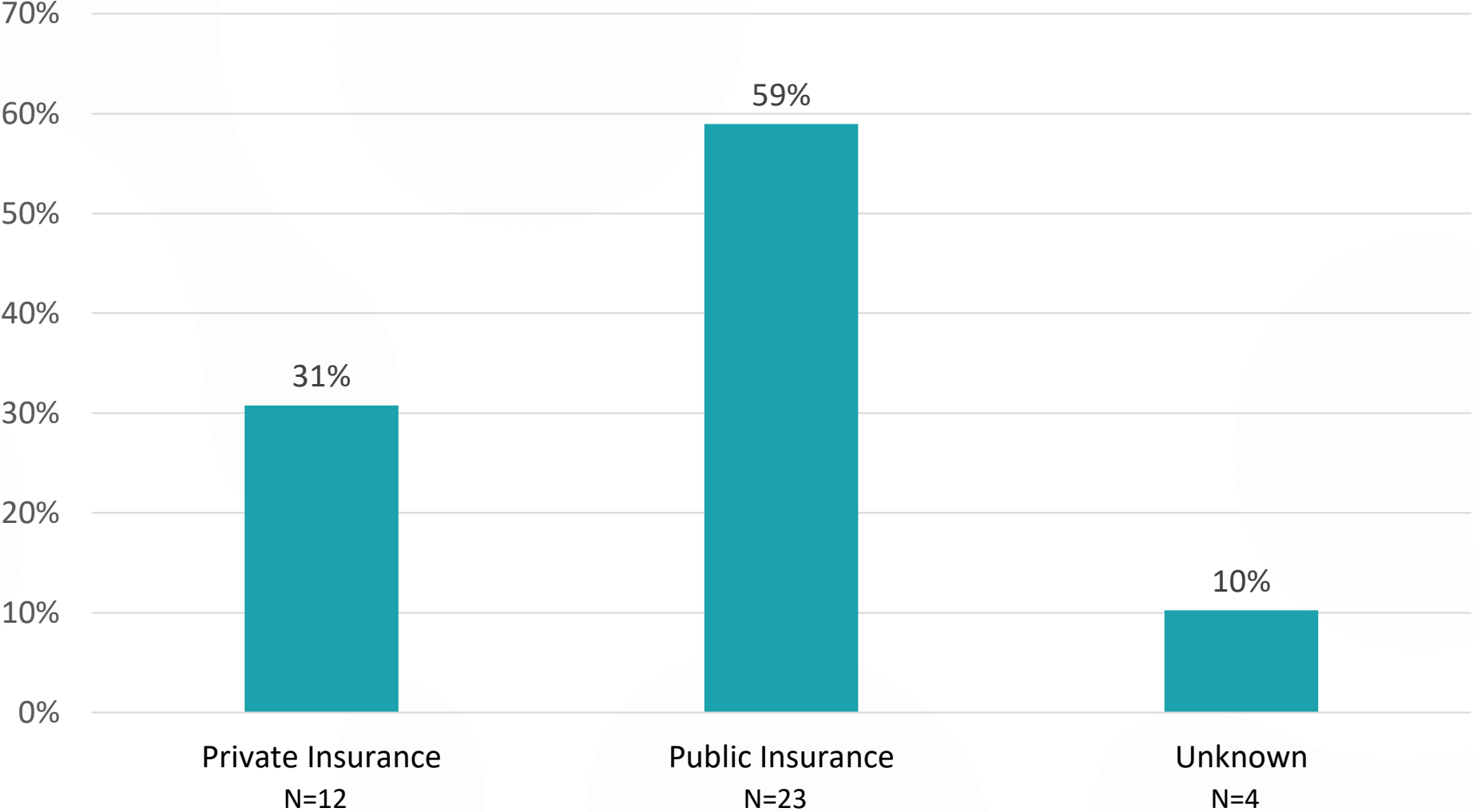
Definition for COVID-19 positive case:

- Patient has tested positive for COVID-19 through either a molecular (polymerase chain reaction (PCR) assay tests of samples collected from nasopharyngeal swabs, throat swabs, sputum, etc.) or serological test (antibody testing).

Definition for COVID-19 like illness*

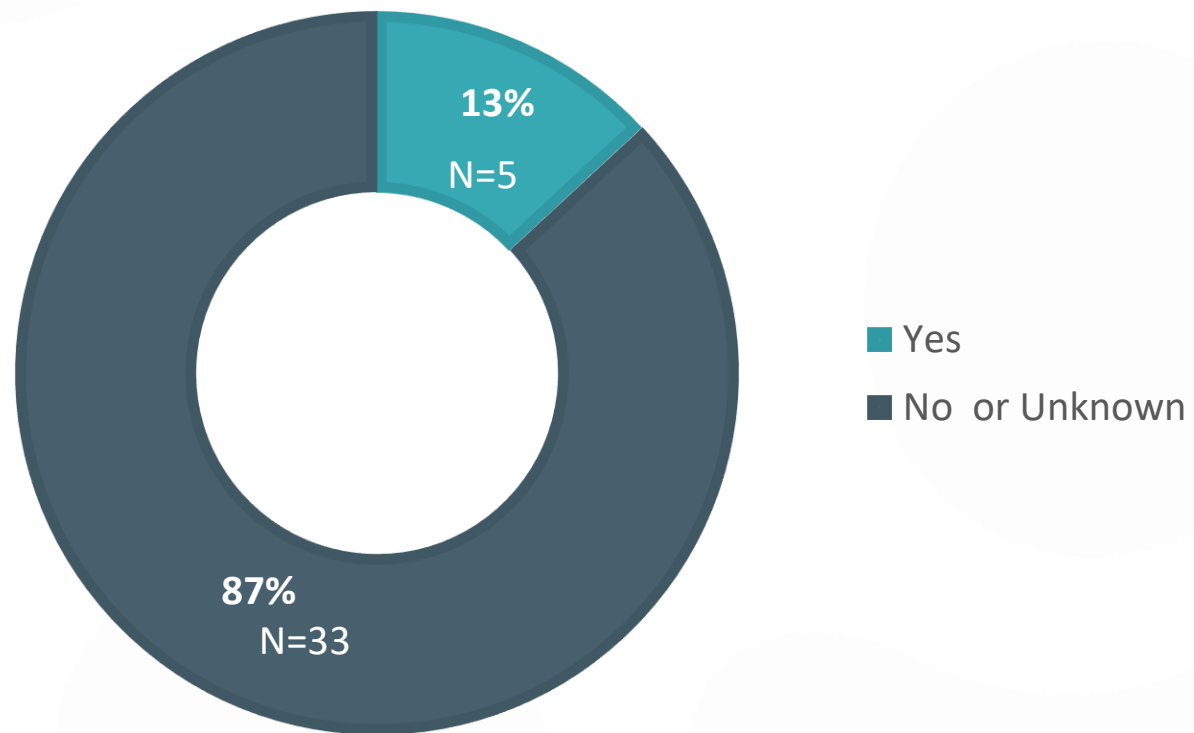
- Patients exhibiting symptom profile of COVID-19 in children:
 - Fever, cough, or shortness of breath (73 %)
 - Fever (56 %)
 - Cough (54 %)
 - Shortness of breath (13 %)
 - Myalgia (23 %)
 - Runny nose (7.2 %)
 - Sore throat (24 %)
 - Headache (28 %)
 - Nausea/Vomiting (11 %)
 - Abdominal pain (5.8 %)
 - Diarrhea (13 %)
- Patients exposed to a confirmed case of COVID-19

Patient Insurance Type



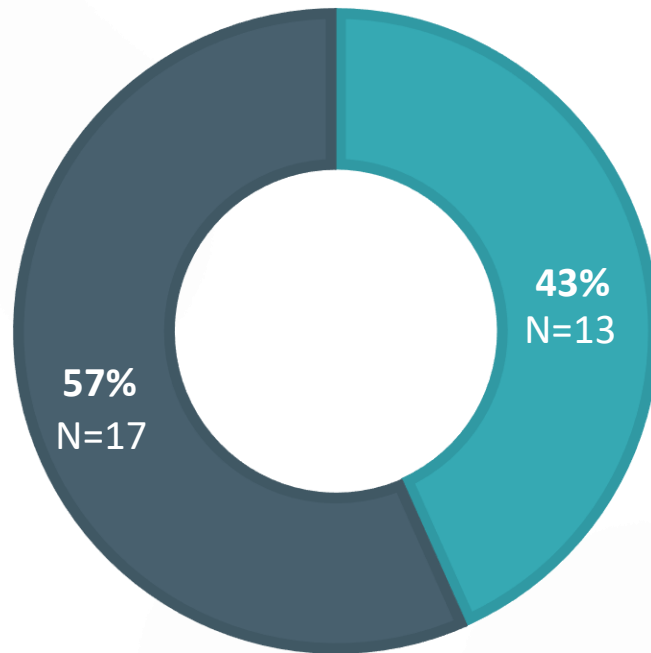
Duration of T1D

NEW ONSET OF T1D



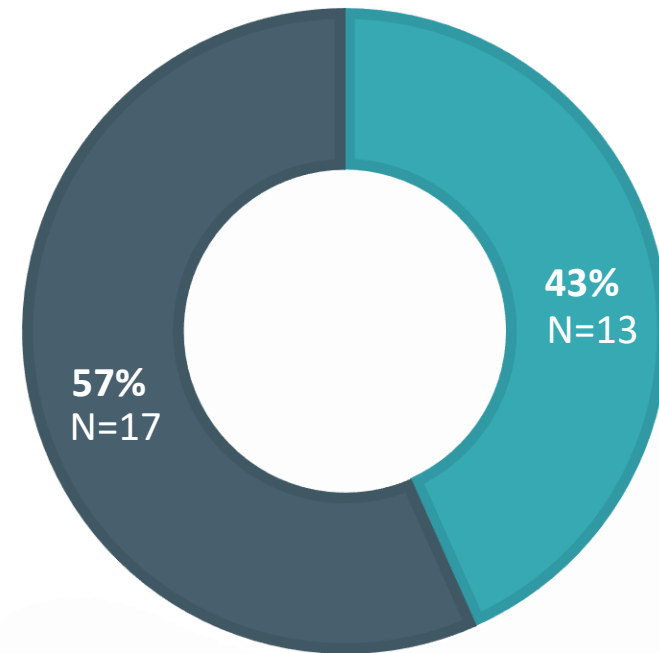
Patient Device Use

CGM USE



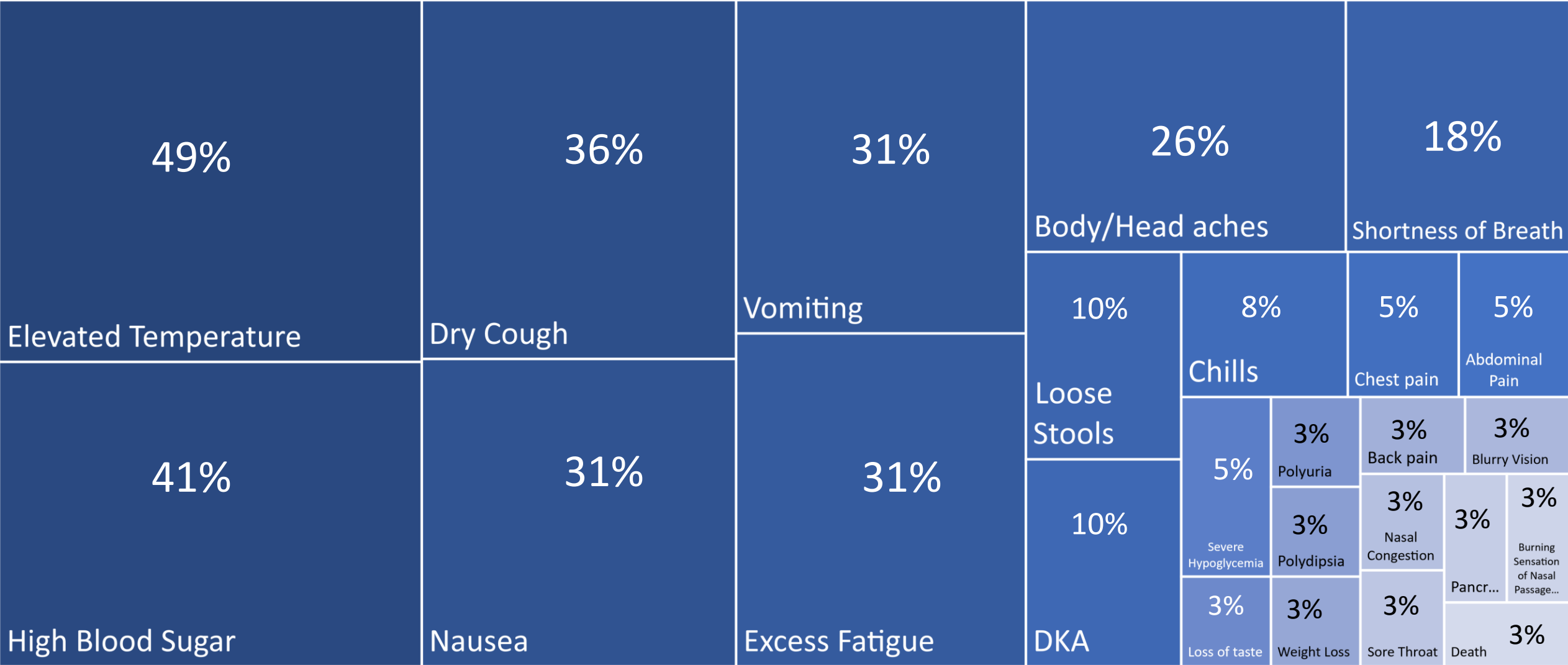
■ Yes
■ No

INSULIN PUMP USE

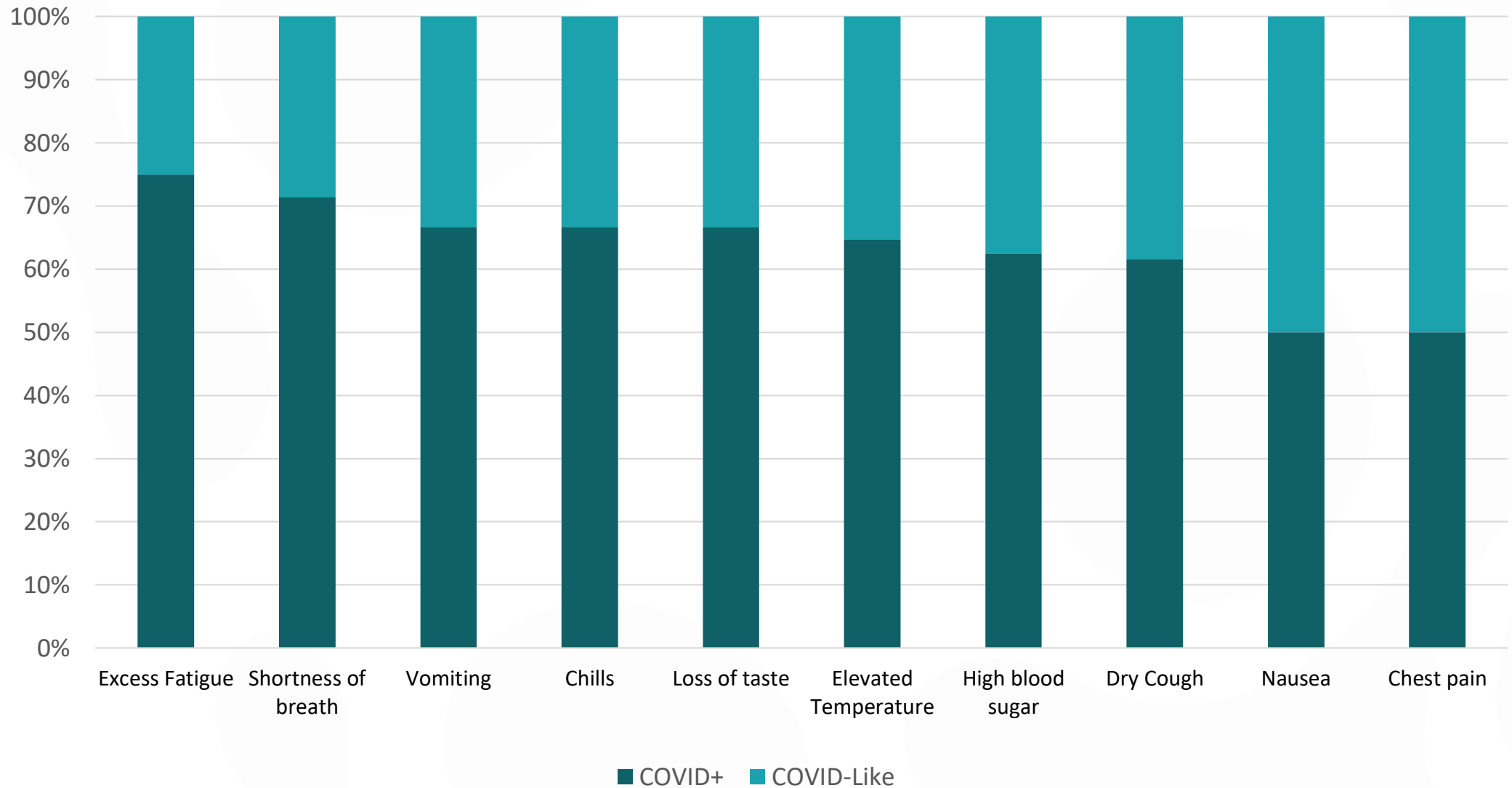


■ Yes
■ No

COVID+ or COVID Like Disease Patient Symptoms

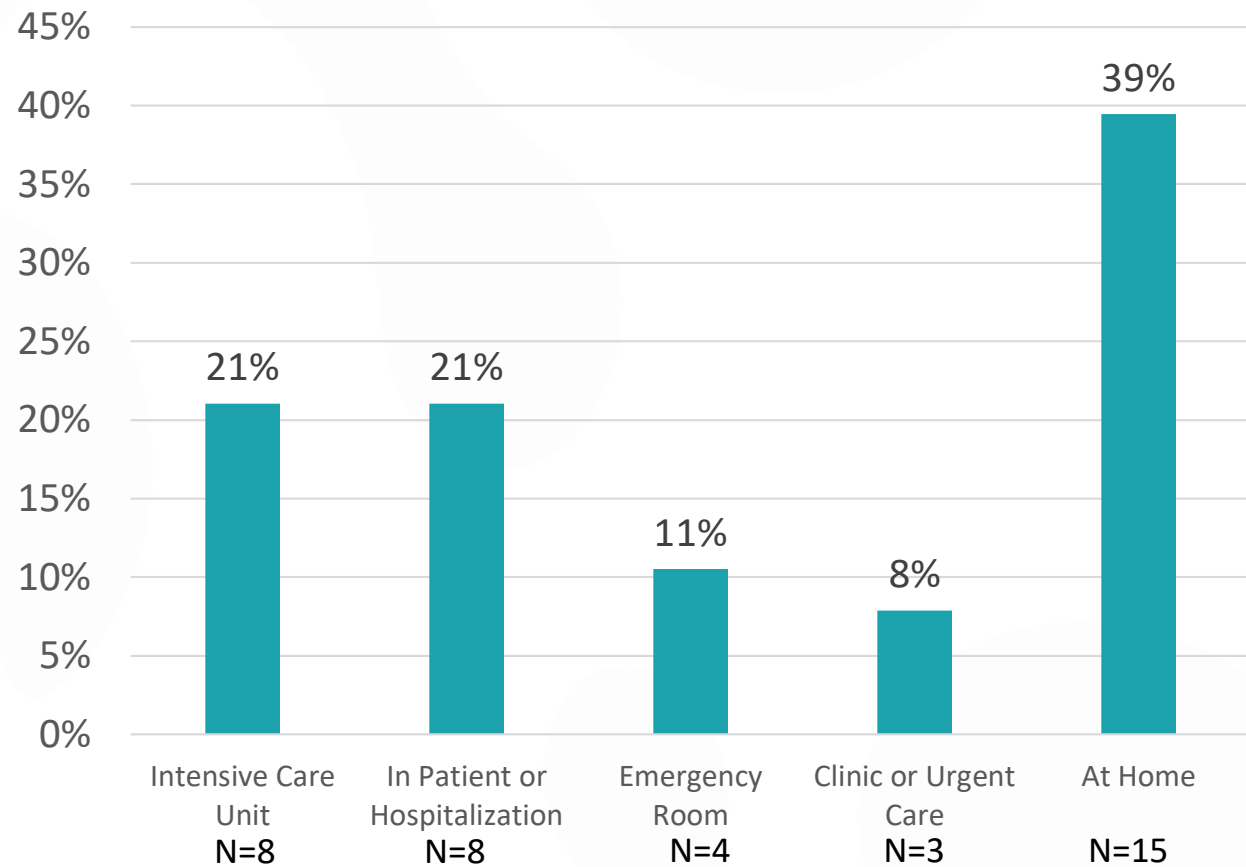


COVID+ or COVID Like Disease Patient Symptoms By COVID Status

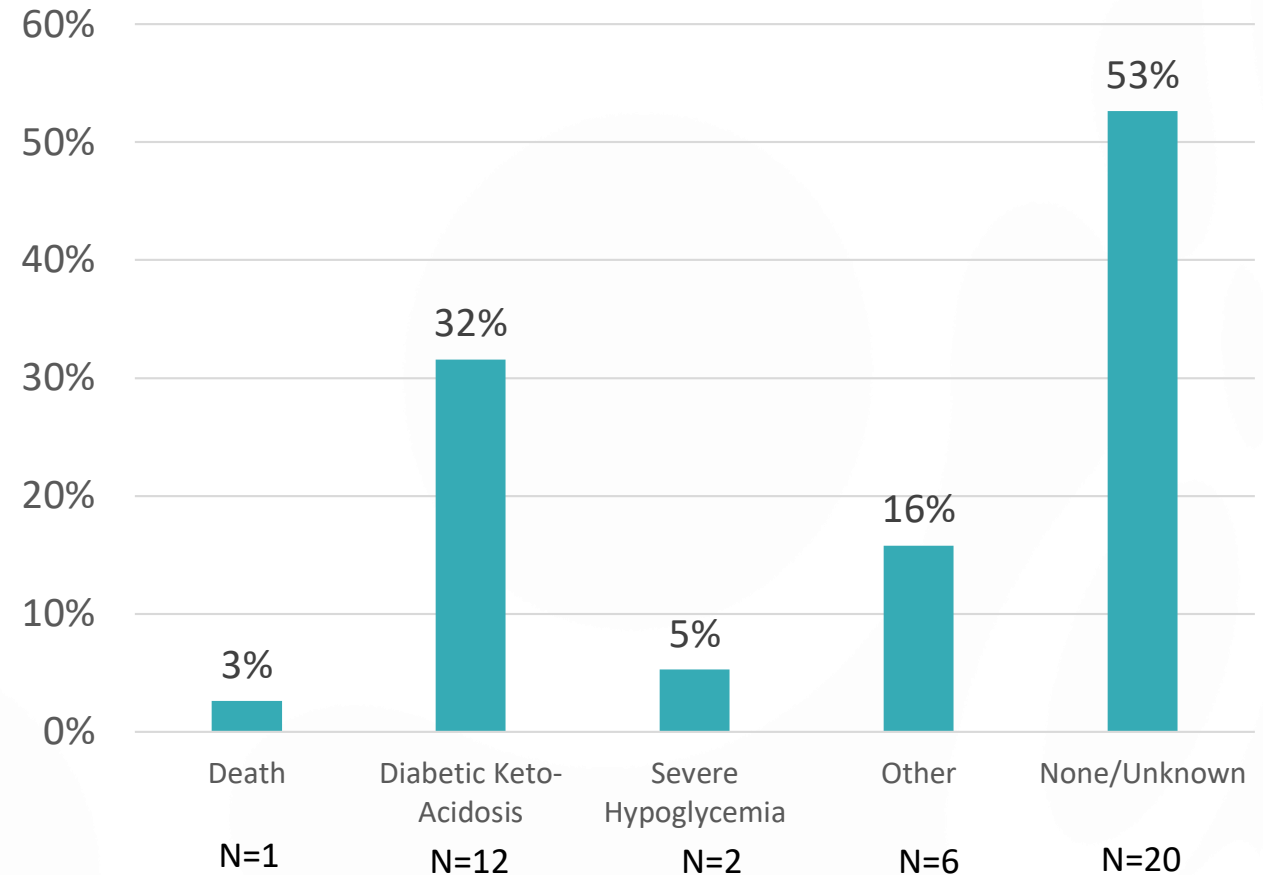


Highest Level of Care Patient Received and T1D Adverse Outcomes of Initial Cases: COVID+ and COVID Like Symptoms

Highest Level of Care at Time of Reporting



T1D Adverse Outcomes



Characteristics of Patient Death (N=1) Reported in Registry as of 4/22/2020

- 79-year-old
- Confirmed positive COVID-19 test
- Symptoms: Excess Fatigue and Loss of Taste
- T1D diagnosis for more than 20 years
 - Last HbA1c value: 9.3%
 - Patient did not use CGM or insulin pump
- Comorbidities:
 - Hypertension
 - No known history of smoking
- Case History Notes:
 - “Very healthy prior to developing COVID-19”

We need your help



- Promote and share the study www.t1dexchange.org/COVID19
- Submit non-identifiable relevant cases (Pediatric and Adult)
- Share topic ideas, join a manuscript group
- Questions about the study can be directed to qi@t1dexchange.org