The POCC Report

The Pediatric Oncology COVID-19 Case Report

Cancer Diagnoses

Heme	796
Solid Tumor	400
Allogeneic HCT	80
Autologous HCT	32
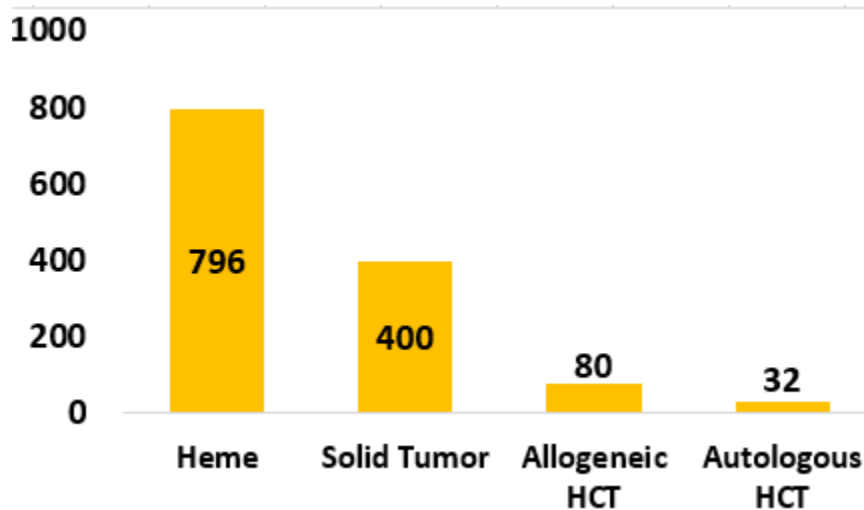
Sociodemographics

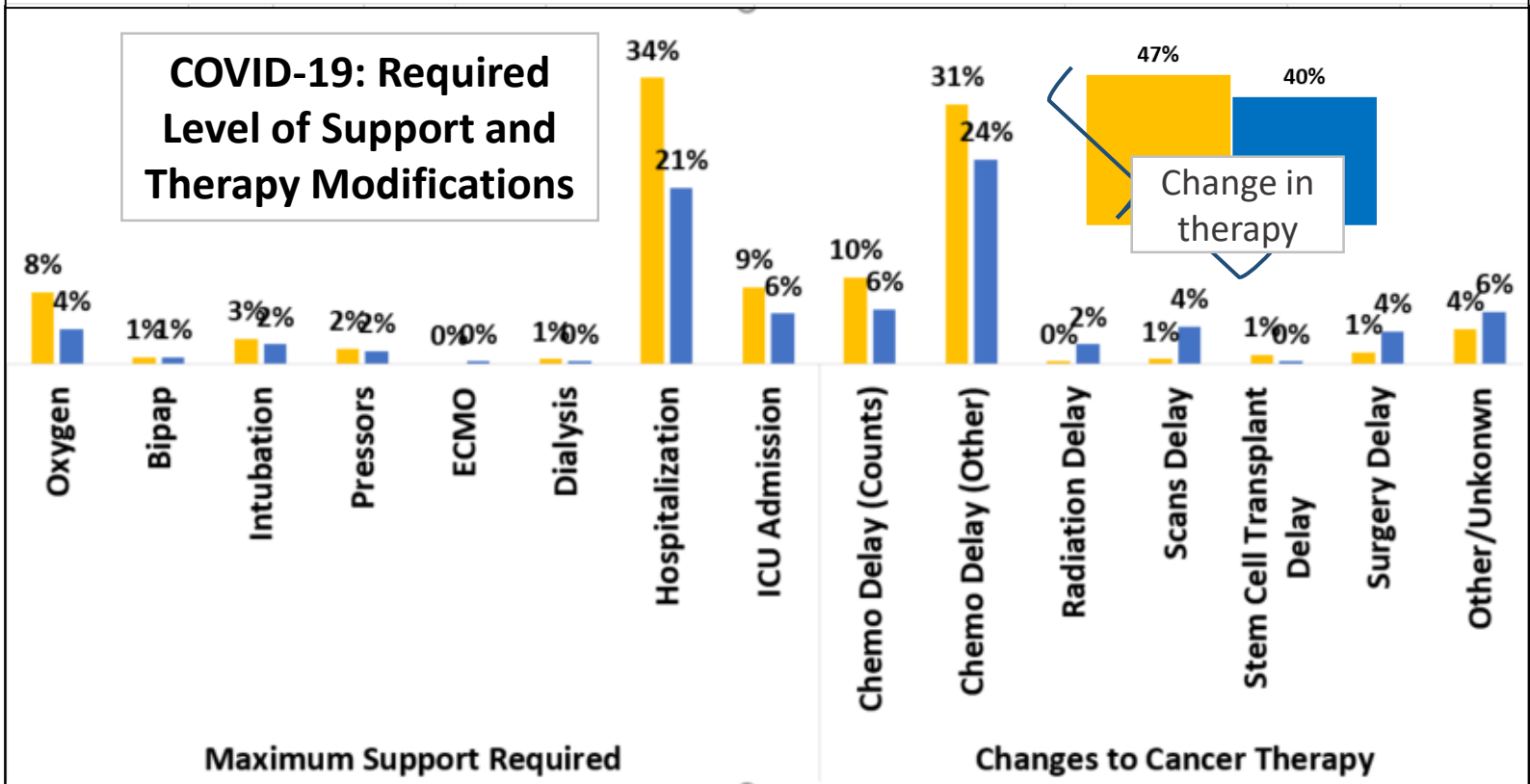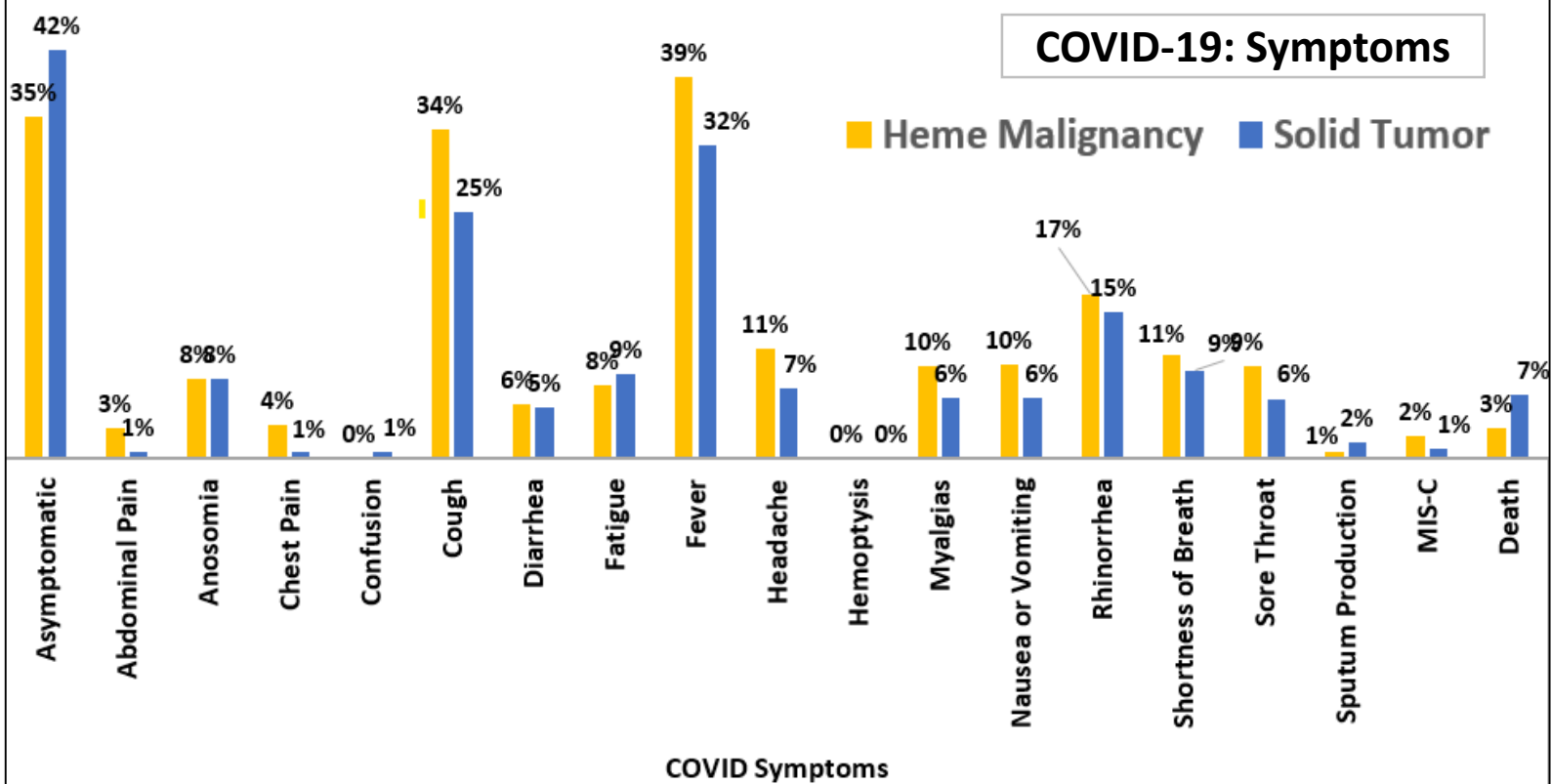|	N	%
Age: Median (Range)	13 y (0-39)	
Gender		
Female	501	42%
Race / Ethnicity		
Non-Hispanic White	479	40%
Hispanic or Latino	483	40%
Black	124	10%
Asian	40	3%
Other	70	6%
Insurance		
Public/Uninsured	659	55%
Private	478	40%
Unknown	59	5%
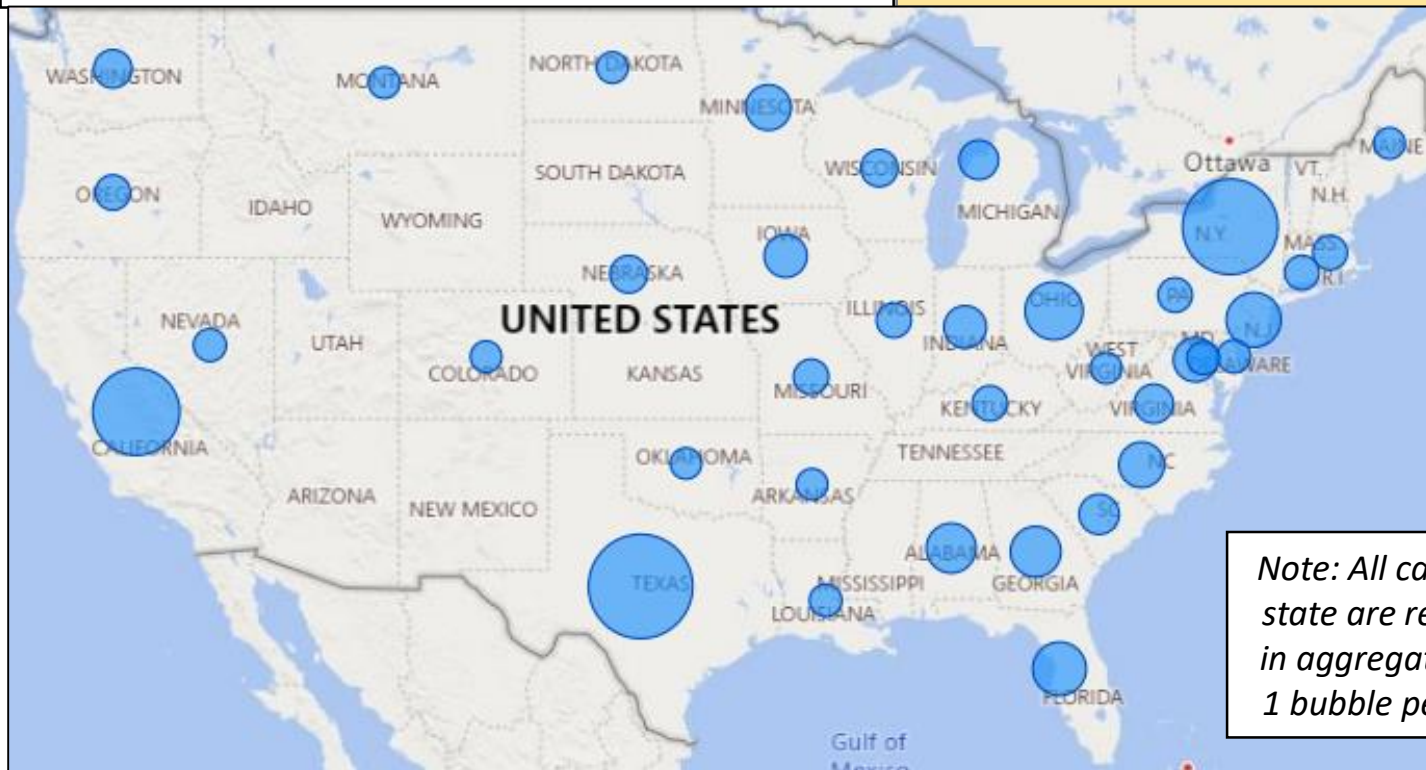
Note: All cases in a state are reported in aggregate, with 1 bubble per state

*To report cases or find previous versions of this report and FAQs, visit:
https://www.uab.edu/medicine/icos/icos-research/the-pocc-report

COVID-19: Symptoms

Heme Malignancy ■ Solid Tumor

Chart values (COVID Symptoms):
- Asymptomatic: 35% / 42%
- Abdominal Pain: 3% / 1%
- Anosmia: 8% / 8%
- Chest Pain: 4% / 1%
- Confusion: 0% / 1%
- Cough: 34% / 25%
- Diarrhea: 6% / 5%
- Fatigue: 8% / 9%
- Fever: 39% / 32%
- Headache: 11% / 7%
- Hemoptysis: 0% / 0%
- Myalgias: 10% / 6%
- Nausea or Vomiting: 10% / 6%
- Rhinorrhea: 17% / 15%
- Shortness of Breath: 11% / 9%
- Sore Throat: 9% / 6%
- Sputum Production: 1% / 2%
- MIS-C: 2% / 1%
- Death: 3% / 7%

COVID-19: Required Level of Support and Therapy Modifications

Maximum Support Required:
- Oxygen: 8% / 4%
- Bipap: 1% / 1%
- Intubation: 3% / 2%
- Pressors: 2% / 2%
- ECMO: 0% / 0%
- Dialysis: 1% / 0%
- Hospitalization: 34% / 21%
- ICU Admission: 9% / 6%

Changes to Cancer Therapy:
- Chemo Delay (Counts): 10% / 6%
- Chemo Delay (Other): 31% / 24%
- Change in therapy: 47% / 40%
- Radiation Delay: 0% / 2%
- Scans Delay: 1% / 4%
- Stem Cell Transplant Delay: 1% / 0%
- Surgery Delay: 1% / 4%
- Other/Unkonwn: 4% / 6%

Death (n=51, 4%)		
Age: Median (Range)	16 (1-39)	
Heme	25	49%
Relapsed	31	61%
Male	29	57%
Non-Hispanic White	19	37%
Hispanic	21	41%
Public/Uninsured	30	59%

Median Symptom Duration (of Those with Symptoms)
Overall: 5d (1-90)
Heme: 6d (1-90)
Solid: 5d (1-58)

Co-Infections		
	N	%
Bacterial	49	4%
Fungal	6	1%
Viral	26	2%