



Supplemental Figure S1. Comparison of demographic, insurance, and social vulnerability between COSMOS patients and the US Census. Adapted from <https://Cosmos.epic.com/>.

Socioeconomic status	Below poverty Unemployed Income No high school diploma
Household composition & disability	Aged 65 or older Aged 17 or younger Older than age 5 with a disability Single-parent households
Minority status & language	Minority Speaks English “less than well”
Housing type & transportation	Multi-unit structures Mobile homes Crowding No vehicle Group quarters

Supplemental Figure S2. SVI sub-groups.

Supplemental Table S1. ICD-10-CM codes are used to identify Oral Cleft Cohorts.

Cohort	ICD-10-CM	
	Included	Excluded
Any Oral Cleft (AOC)	Q35.* + Q36.* + Q37.*	-
Any Cleft Palate (ACP)	Q35.*+ Q37.*	-
Isolated Cleft Palate (ICP)	Q35.*	Q36.* + Q37.*
Any Cleft Lip (ACL)	Q36.* + Q37.*	-
Isolated Cleft Lip (ICL)	Q36.*	Q35.*+ Q37.*
Cleft Lip and Palate (CLP)	Q37.*	-

Supplemental Table S2. 4 main SVI categories divided by subgroup

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