

ASPIRE SM GIS Datasets

Overview

4 datasets with varying levels of spatial aggregation

1. Open Street Map – specific locations across the US
2. US Census Tracts – with population estimates of multiple child age groups
3. US Census School Division – with population estimates of school age children (5-17)
4. US Census Places – with population estimates of multiple child age groups

OpenStreetMap (Downloaded March 10, 2022)



Spatial Coverage: USA and territories.

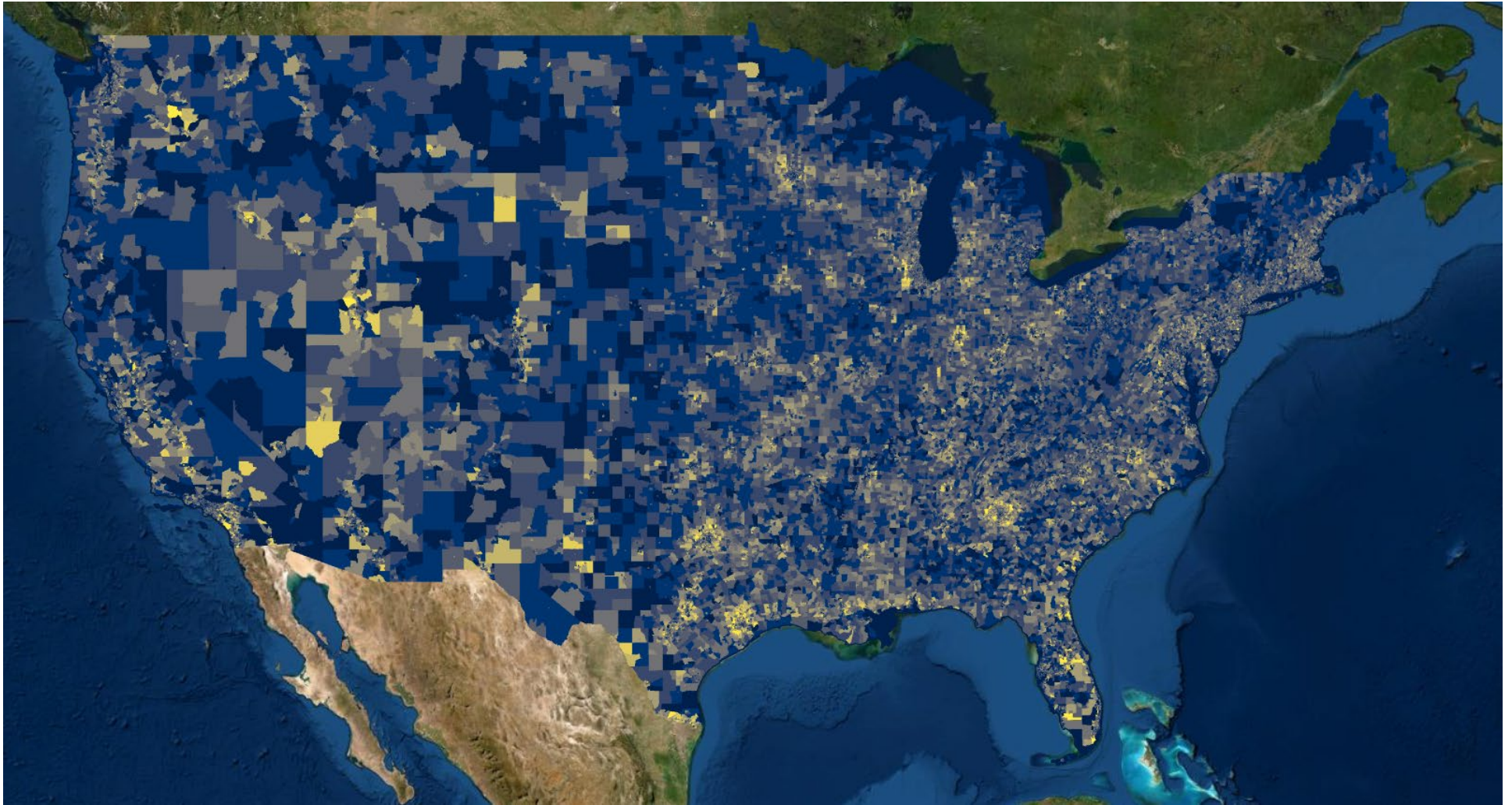
Table 1. OSM tags belonging to the nutrition, education, healthcare, and entertainment categories

nutrition		education			healthcare		entertainment	
amenity	shop	amenity	building	landuse	amenity	healthcare	amenity	tourism
fast_food	bakery	kindergarten	kindergarten	education	clinic	audiologist	arts_centre	aquarium
food_court	beverages	library	school		dentist	counseling	cinema	artwork
ice_cream	deli	language_school			doctors	dialysis	events_venue	attraction
restaurant	dairy	music_school			hospital	nurse	amusement_arcade	camp_pitch
	ice_cream	school			pharmacy	optomitrist	beach_resort	camp_site
	frozen_food					physiotherpaist	bird_hide	museum
	greengrocer					podiatrist	bandstand	gallery
	health_food					psychotherapist	dog_park	picnic_site
	pasta					rehabilitation	escape_game	theme_park
	pastry					speech_therapist	gishing	zoo
	seafood					vaccination_centre	hackerspace	
	spcies						summer_camp	
	tea							
	supermarket							
	nutrition_supplement							

Table 2. OSM tags belonging to the social support and nature categories

social support	nature							
amenity	amenity	building	highway	landuse	natural	tourism	waterway	leisure
social_centre	forest	greenhouse	path	flowerbed	beach	viewpoint	river	garden
social_facility	national_park		rest_area	forest	blowhole		riverbank	nature_reserve
shelter	protected_area			meadow	geyser		stream	park
childcare				orchard	glacier		dam	playground
				plant_nursery	hot_spring		waterfall	
				recreation_ground	reef			
				village_green	spring			
					water			
					wetland			

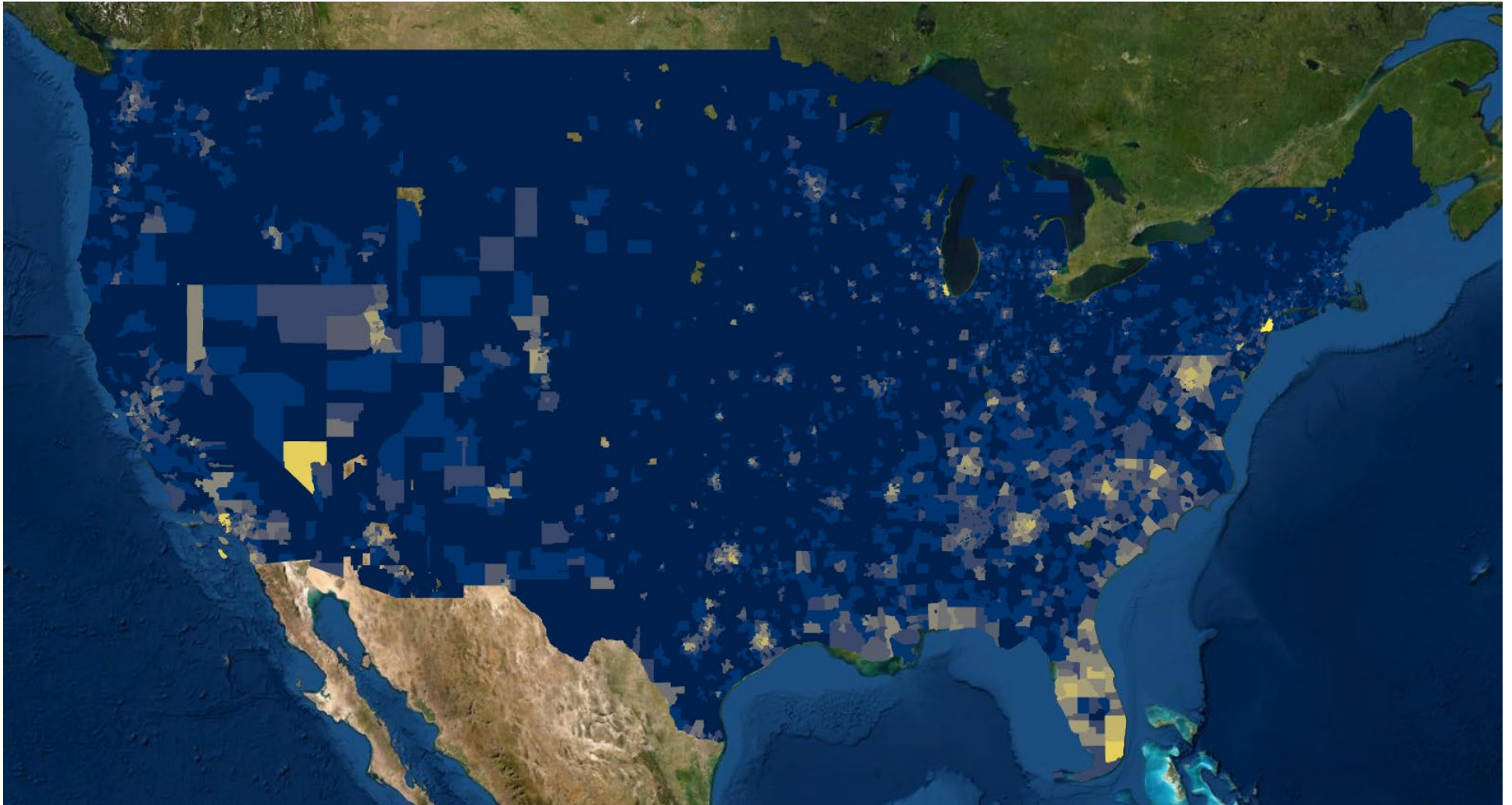
US Census Tracts



N = 74,001

2010-2014 and 2015-2019 ACS estimates of under 5, 5-9, 10-15, and 15-17 year olds

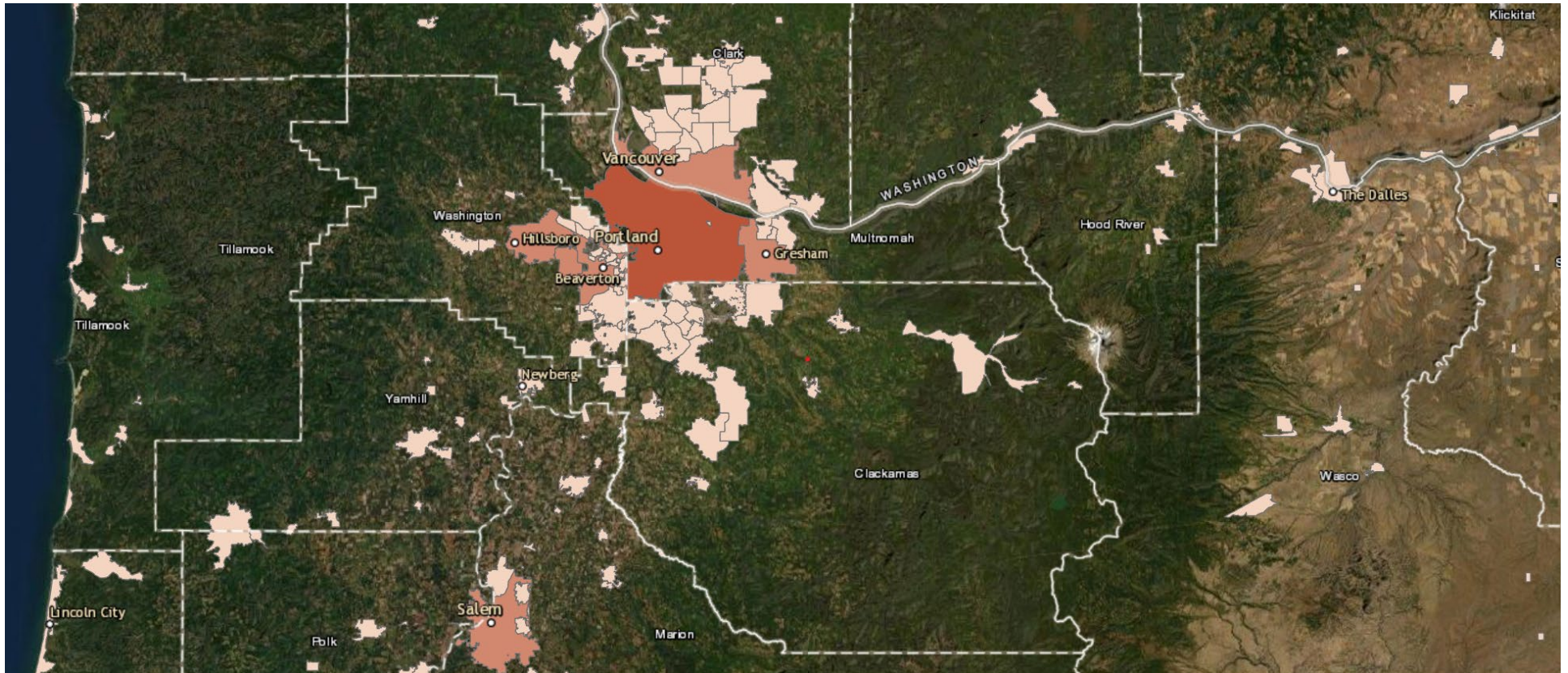
US Census School Districts



N = 13,167

2010, 2015, and 2020 estimates of school age children (5-17 years old)

US Census Places - Cities, Towns, and Census Designated Places (CDPs)



N=29,550

2010-2014 and 2015-2019 ACS estimates of under 5, 5-9, 10-15, and 15-17 year olds