Analytical Methods for Possible Service Site Allocations

Secondary School Map Brief for Discussion Purposes

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Los Angeles Unified School District

July 2020

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OVERVIEW

Geographic information science (GIS) analysis techniques can be used to determine service sites or units such as school police officer patrol areas. These maps are useful for illustrating possible ways to analyze how services could be geographically distributed throughout the District, but further analysis using richer data would be necessary to make actual service allocation decisions. The maps provided in this brief are for discussion purposes only.

The following maps were constructed to determine *service sites* within a set drive time of all secondary schools in the District, and in total, 247 secondary *school locations* were included in the analysis. Elementary, primary and charter school location were excluded, and schools located at the same address were collapsed to one school location.

The question driving this analysis was **where to locate service sites and how many sites would be needed such that all school locations could be reached within a 5-minute drive time** from the service site. Service sites can be determined using different types of candidate site locations and various methods. In this analysis, **candidate sites were either distributed geographically across the District** (maps 1-6) **or based at school locations** (maps 7-8).

Two analysis methods were used to allocate service sites from the list of candidates. Each method produced an output that indicated where each service site would be located and how many service sites would be needed to meet the criteria.

One method determined where sites would be located to have the **minimum number of sites within a 5-minute drive time with the maximum amount of coverage** (the number of school locations within a set drivetime cutoff). This method was used for both sets of candidate locations. The second method to assign service sites determined where sites would be located such that **no site would have to serve more than five school locations** (this method also allows the user to set the maximum number of service sites). This method was applied to the set of geographically distributed candidate locations only.

Once the service sites were identified from the candidate sites using the corresponding method and criteria, maps were produced to illustrate the 1-, 3-, and 5-minute drive time areas from each service site. *Service site capacities* were calculated as the number of school locations within these areas. This brief contains eight maps, summarized in Table 1.

Data presented in each map were produced using network analysis tools in GIS software as well as street network data from UCLA's geoportal, which contains average drivetime data from 2018.[1] The school list was originally obtained from the Office of Data and Accountability. It contained 247 unique secondary school locations that housed at least one school active in 2019-2020.

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[1] https://apps.gis.ucla.edu/geodata/dataset/los-angeles-network-data

Table 1. Summary of Service Sites and Five-Minute Drive Time Service Area Capacity by Map and Analysis Method

| Map | Analysis Method | | | Sites | Five-Minute Service Site Capacity* | | |
	Site Candidates	Selection Process	Criteria		Min	Max	Average
Map 1	Distributed	Max. Coverage with Min. Sites	3-min cutoff	62	9	16	9.9
Map 2	Distributed	Max. Coverage with Min. Sites	5-min cutoff	29	1	33	10.7
Map 3	Distributed	Capacity Coverage	Max 50 sites	50	3	38	13.8
Map 4	Distributed	Capacity Coverage	Max 75 sites	75	2	33	11.6
Map 5	Distributed	Capacity Coverage	Max 100 sites	92	1	32	11.0
Map 6	Distributed	Capacity Coverage	Max 125 sites	109	2	30	11.0
Map 7	School-Based	Max. Coverage with Min. Sites	3-min cutoff	72	1	37	10.5
Map 8	School-Based	Max. Coverage with Min. Sites	5-min cutoff	34	1	34	10.1

Note: Service area capacity summary statistics are based on the five-minute drive time area from each service site. The average and maximum exceed the five-school capacity "demand" in Maps 3-6 because more than five school locations overlap with the five-minute drive time area from the assigned service site. See Table 2 for more detail.

GEOGRAPHICALLY DISTRIBUTED SERVICE SITES

In Maps 1-6, service sites were selected from 566 geographically distributed candidates, generated by GIS tools and the distribution of the 247 school locations. Two analytical methods were used to allocate service sites.

Maximum Coverage Method (Maps 1-2)

Sites were selected using a method that generates the minimum number of sites with the maximum coverage. Coverage areas were defined using a drive-time cutoff between sites and school locations. In Map 1, using the **3-minute drive time cutoff criteria,** 62 service sites were within 3 minutes of all schools. In Map 2, using the **5-minute drive time cutoff criteria,** 29 service sites were within 5 minutes of all schools. Once the sites were determined, the 1-, 3-, and 5-minute drive time areas from each site were plotted in the maps.

Map 1. Maximum Coverage with Minimum Number of Sites with 3-Minute Coverage Cutoff (62 Service Sites)

Legend

● Service Sites
• Schools
▧ 1 minute
▧ 3 minutes
▧ 5 minutes

Legend

County of Los Angeles, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS
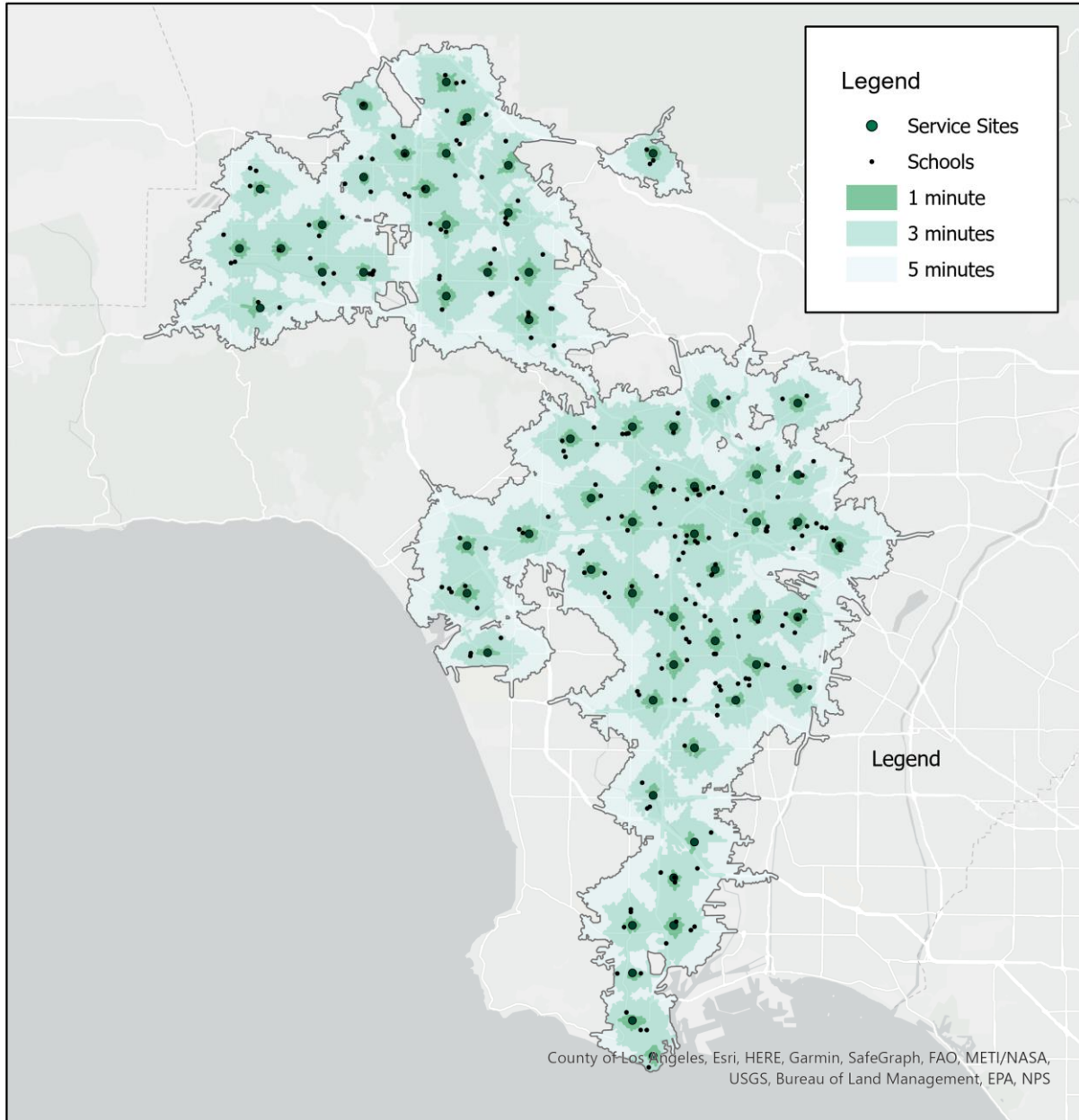
Map 2. Maximum Coverage with Minimum Number of Sites with 5-Minute Coverage Cutoff (29 Service Sites)
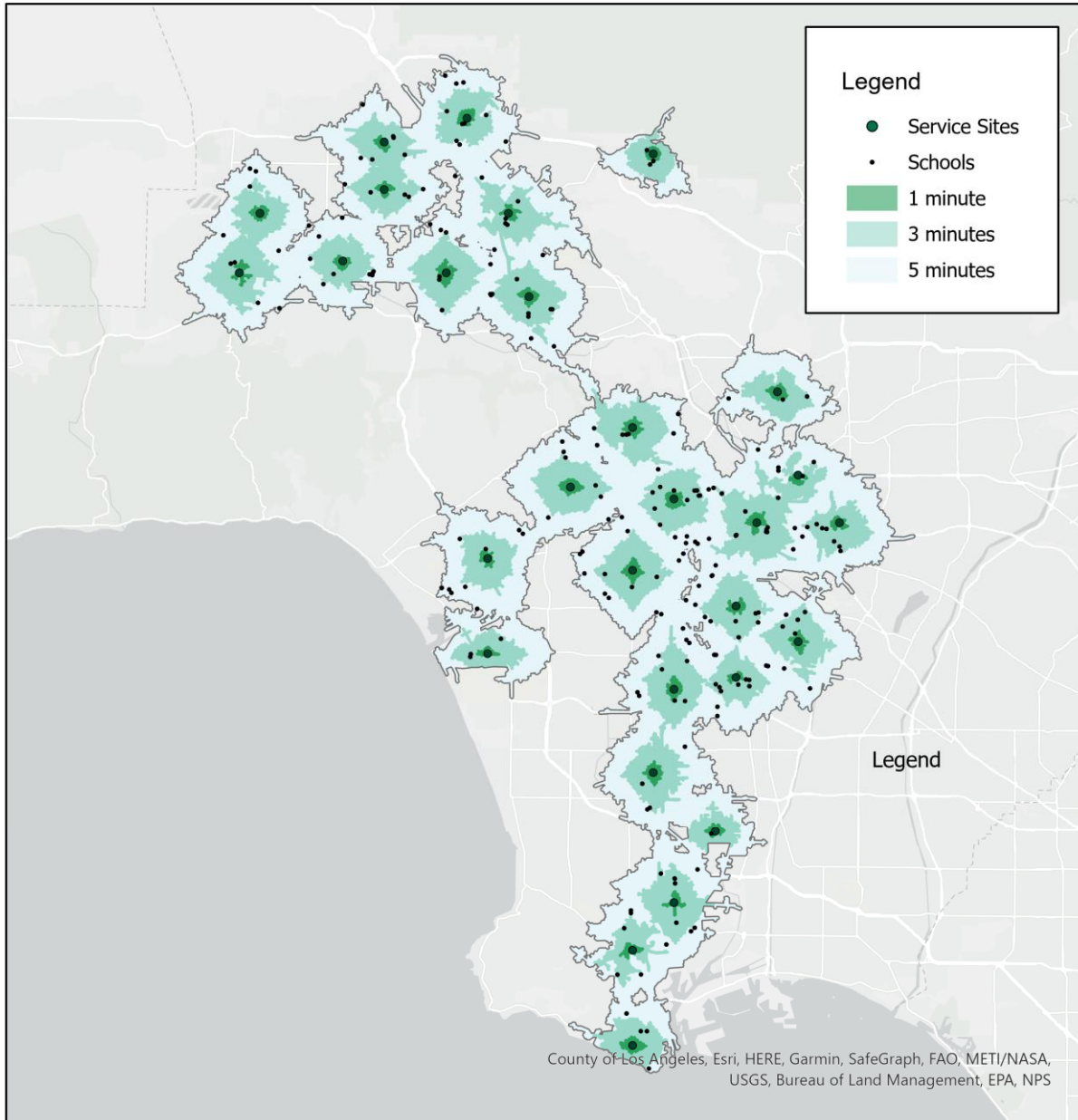
Capacity Coverage Method (Maps 3-6)

In this method, a maximum service "demand" of five school locations per site is preset, in addition to the 5-minute drivetime cutoff. Then, criteria were inputted to set the maximum allowable number of service sites, one each for a maximum of 50, 75, 100 and 125. **In Maps 3 and 4, 50 and 75 service sites** were assigned based on these criteria, respectively. **In Map 5, only 92 service sites** were allocated to serve all school locations (based on a maximum allowable 100 sites), and in **Map 6, only 109 service sites** were assigned (based on a maximum allowable 125 sites). Except for Map 3, each map contains service sites that are within a 5-minute drive time area of all 247 school locations.

Because this method sets the maximum number of school locations for each service site to five, some service sites were allocated only one or two school locations. Table 2 shows the number of service sites allocated one, two, three, four and five school locations respectively in each map.

Finally, once the service sites were determined, the 1-, 3-, and 5-minute drive time areas from each site were plotted in the maps. The maximum capacity shown in Table 2 represents the maximum number of school locations within a 5-minute drive time area of the service sites.

Table 2. Summary of Service Site Allocations by Capacity Coverage Method

Map	Max. Sites	Locations Served	Max. Capacity	# of Sites by Assigned School Locations (SLs)					Sites Needed
				1 SL	2 SLs	3 SLs	4 SLs	5 SLs	
Map 3	50	240	38			2	13	35	50
Map 4	75	247	33	7	14	22	14	18	75
Map 5	100	247	32	21	26	19	13	13	92
Map 6	125	247	30	38	33	18	11	9	109

Note: The analysis used 247 total school locations (multiple schools may be located at some of the school locations). Maximum capacity is determined by the number of school locations location within a five-minute drivetime area from the service site.

Map 3. Five School Capacity Coverage with Maximum 50 Service Sites
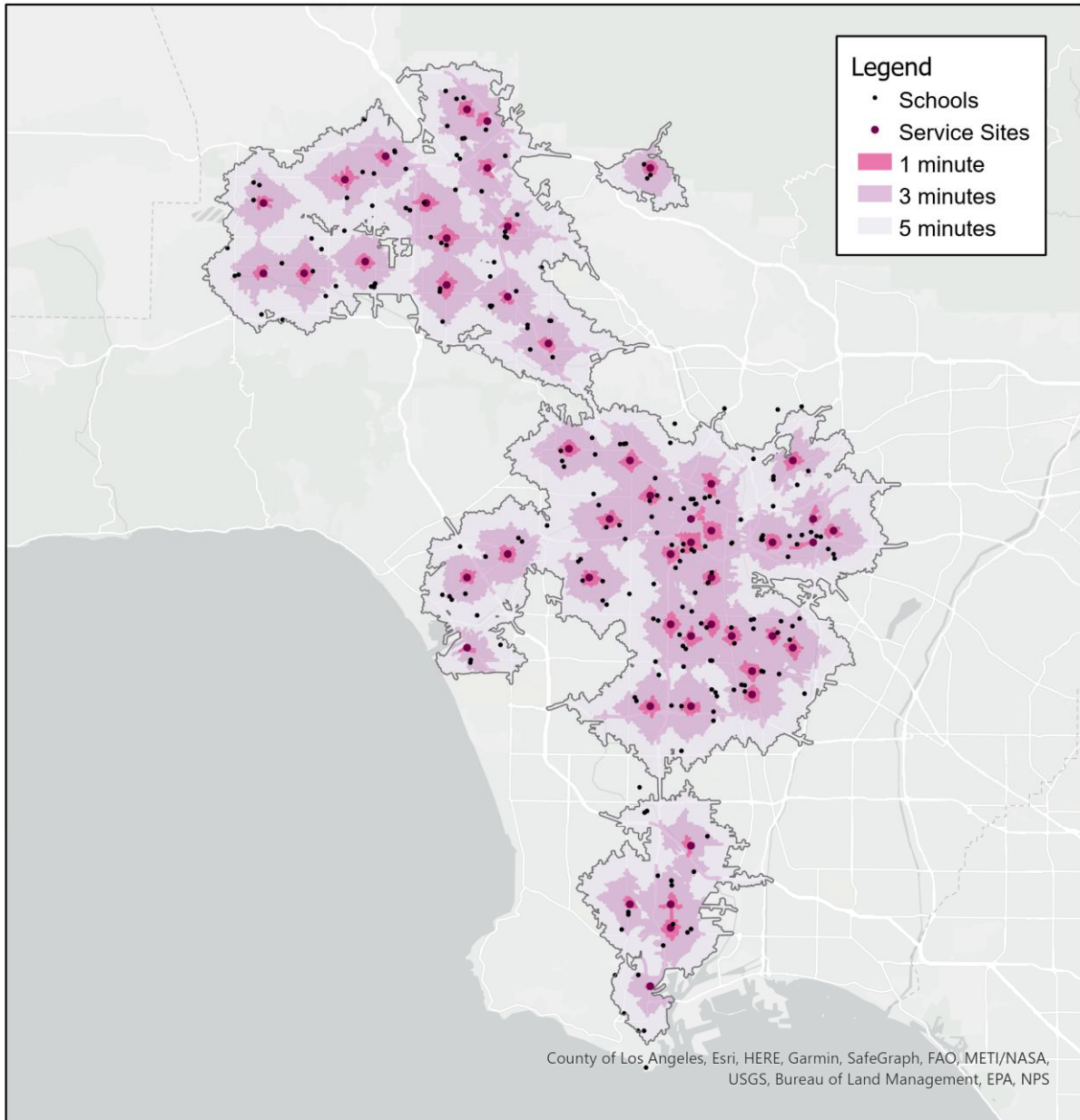
Note: Seven school locations are not served by this model.

Map 4. Five School Capacity Coverage with Maximum 75 Service Sites

County of Los Angeles, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS

Legend
· Schools
· Service Sites
1 minute
3 minutes
5 minutes
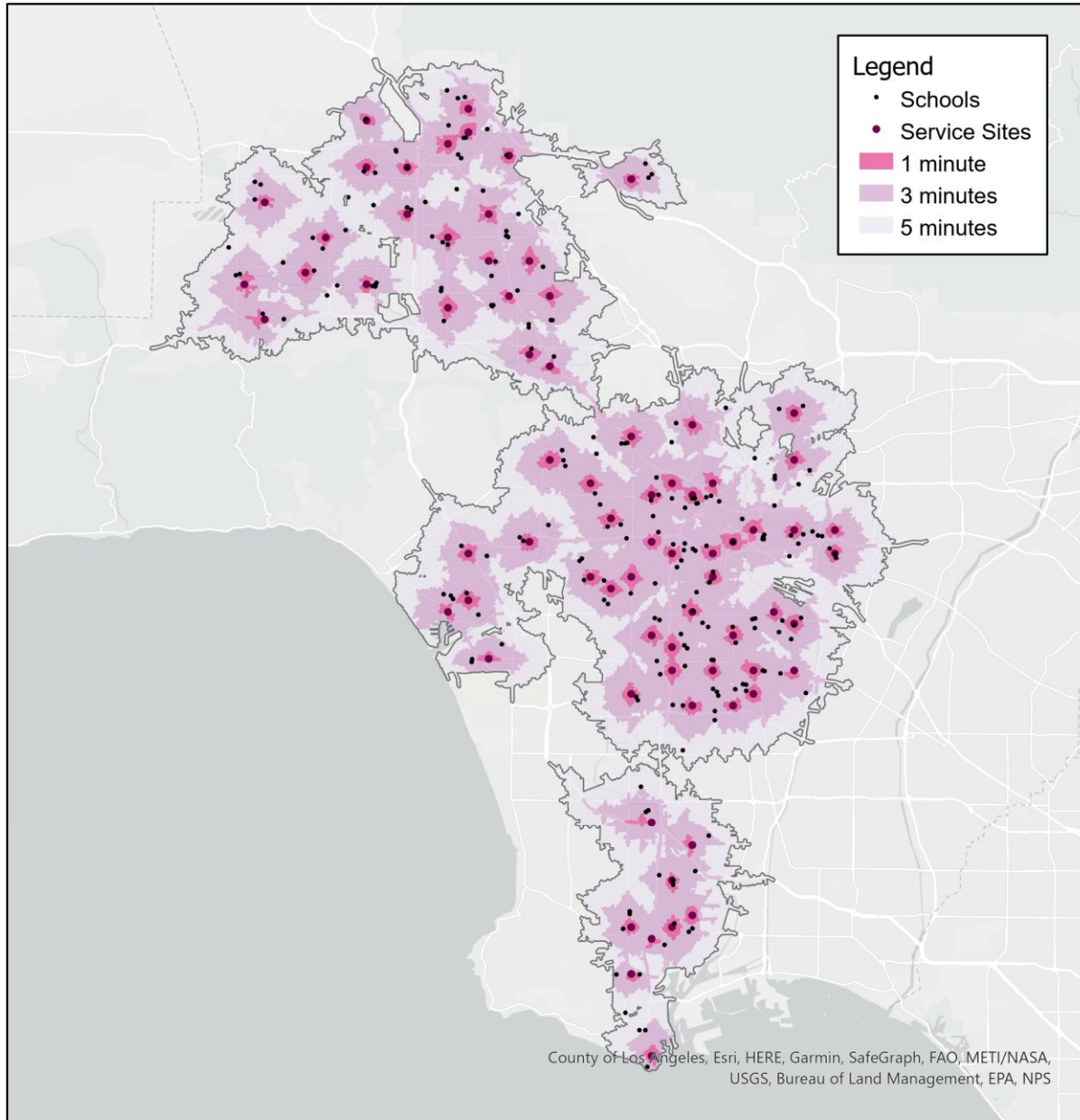
Map 5. Five School Capacity Coverage with Maximum 100 Service Sites (92 Sites Allocated)
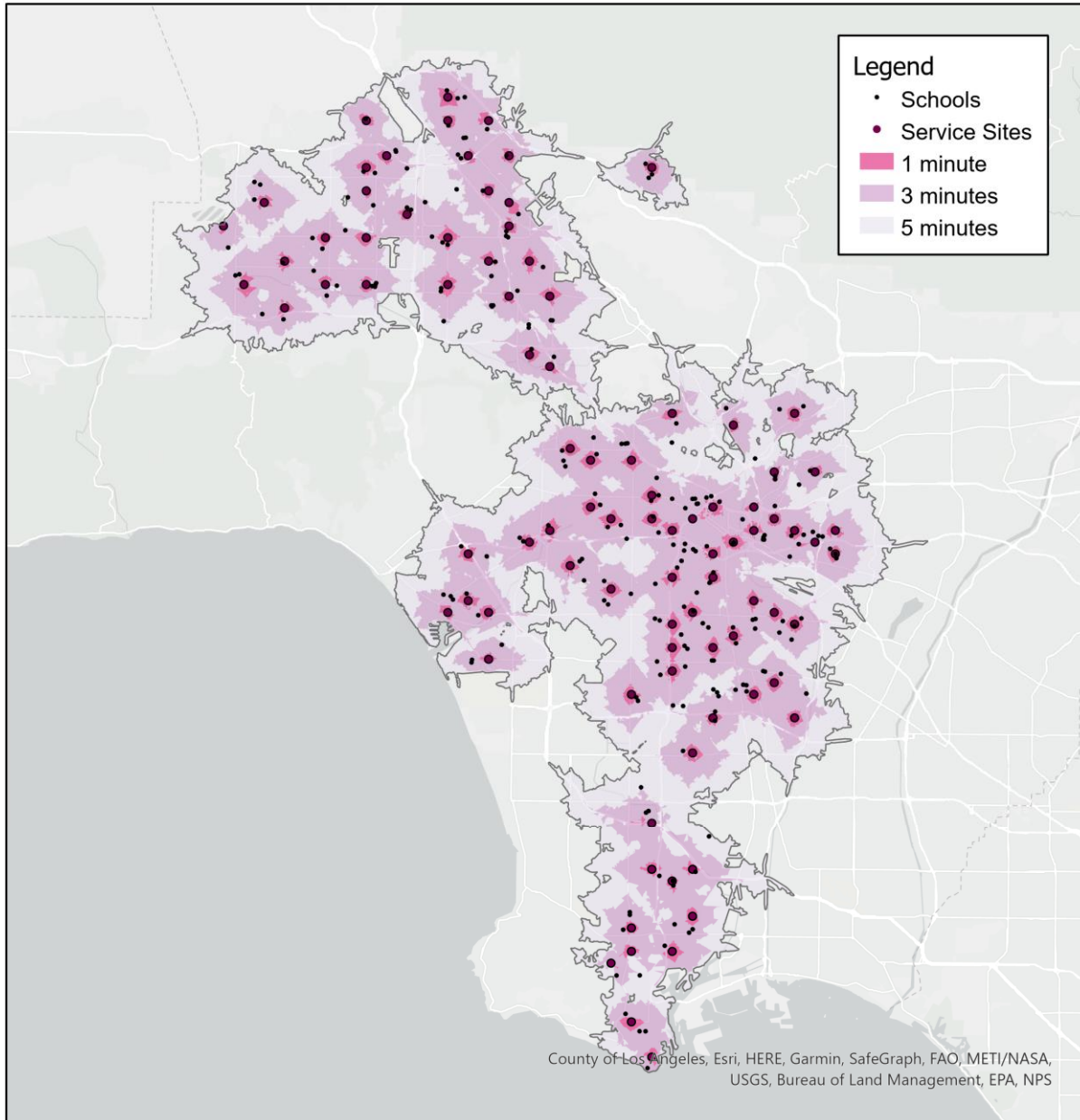
Map 6. Five School Capacity Coverage with Maximum 125 Service Sites (109 Sites Allocated)

County of Los Angeles, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS
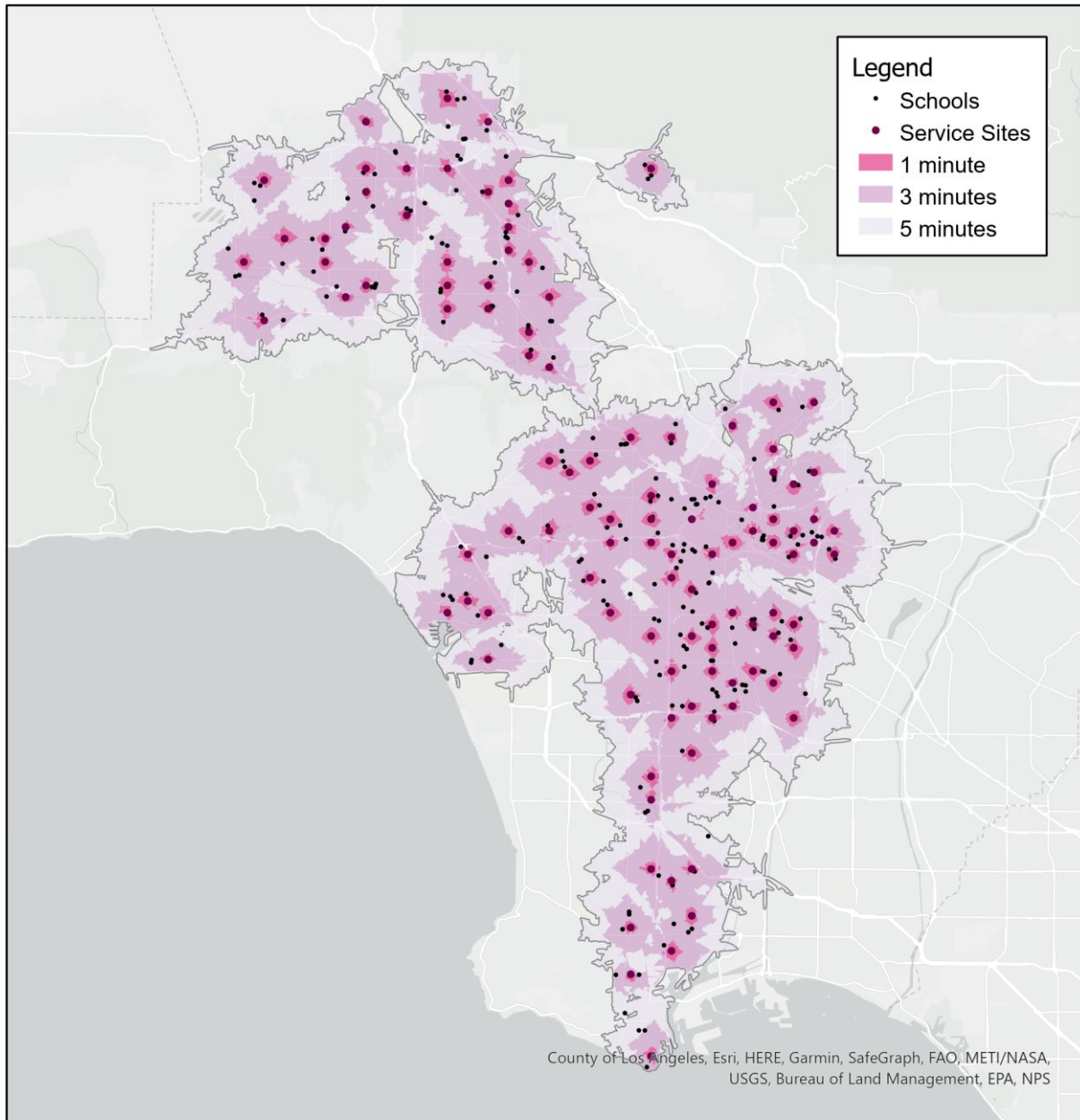
SCHOOL-BASED SERVICE SITES

In Maps 7-8, service sites were selected from 247 school-based candidate locations. School-based candidates were set to the geographic center of the 5-minute drive time area around each school location as a proxy for using school locations as hubs of services. In some cases, the school-based candidate location and the school location were nearly identical. In other instances, the locations were adjacent. Only one method was used to allocate sites.

Maximum Coverage Method (Maps 7-8)

Sites were selected using the method that generates the minimum number of service sites with the maximum coverage. As in Maps 1 and 2, coverage areas were defined using a drive-time cutoff between service sites and school locations.

Using school-based candidate locations, in Map 7, with the **3-minute drive time cutoff criteria,** 72 service sites were within 3 minutes of all schools. In Map 8, using the **5-minute drive time cutoff criteria,** 34 service sites were within 5 minutes of all schools. Once the school-based service sites were determined, the 1-, 3-, and 5-minute drive time areas from each site were plotted in the maps.

Map 7. Maximum Coverage with Minimum Number of School-Based Sites with 3-Minute Coverage Cutoff (72 Service Sites)

Map 8. Maximum Coverage with Minimum Number of Sites with 5-Minute Coverage Cutoff (34 Service Sites)
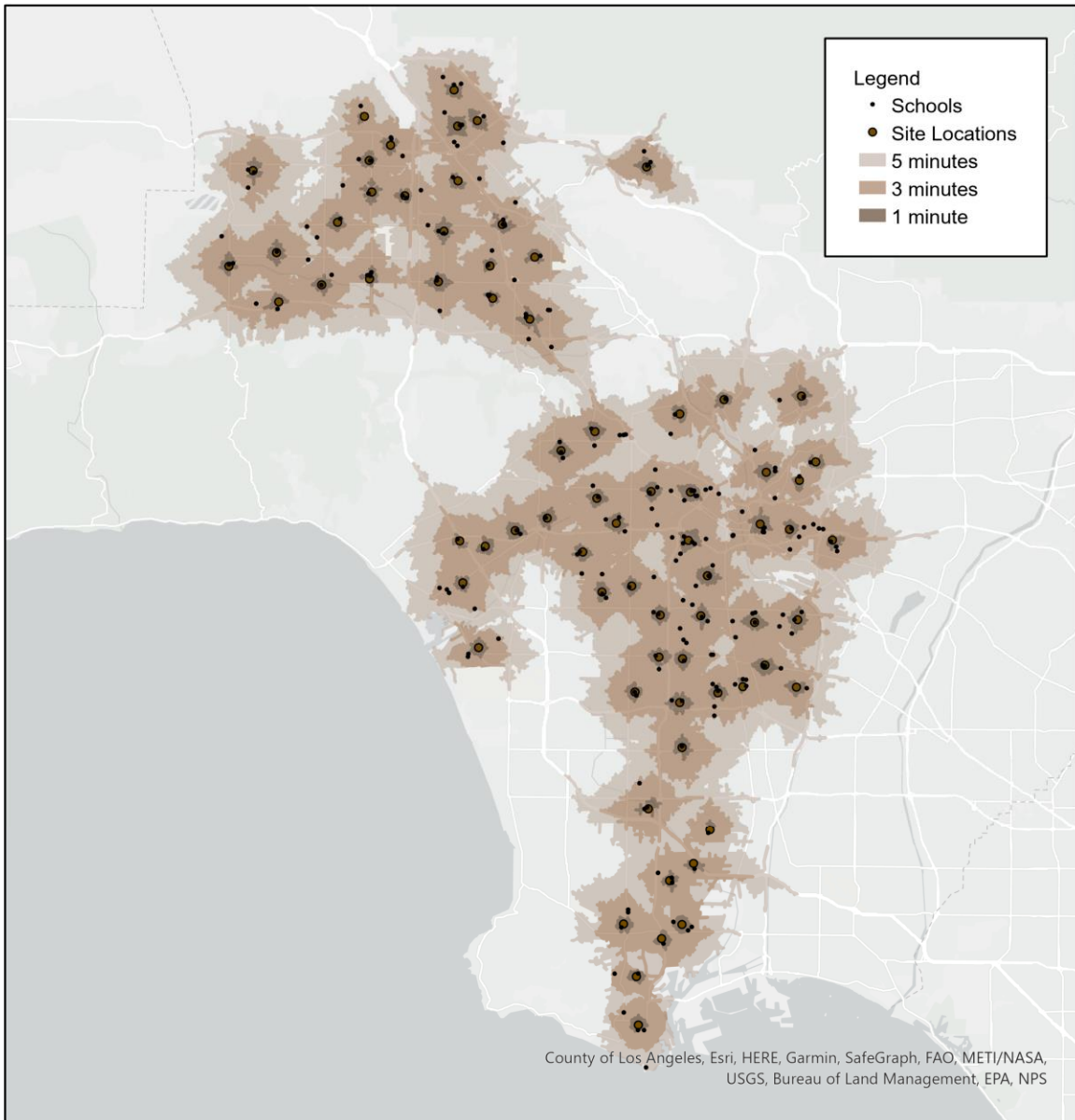
County of Los Angeles, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS
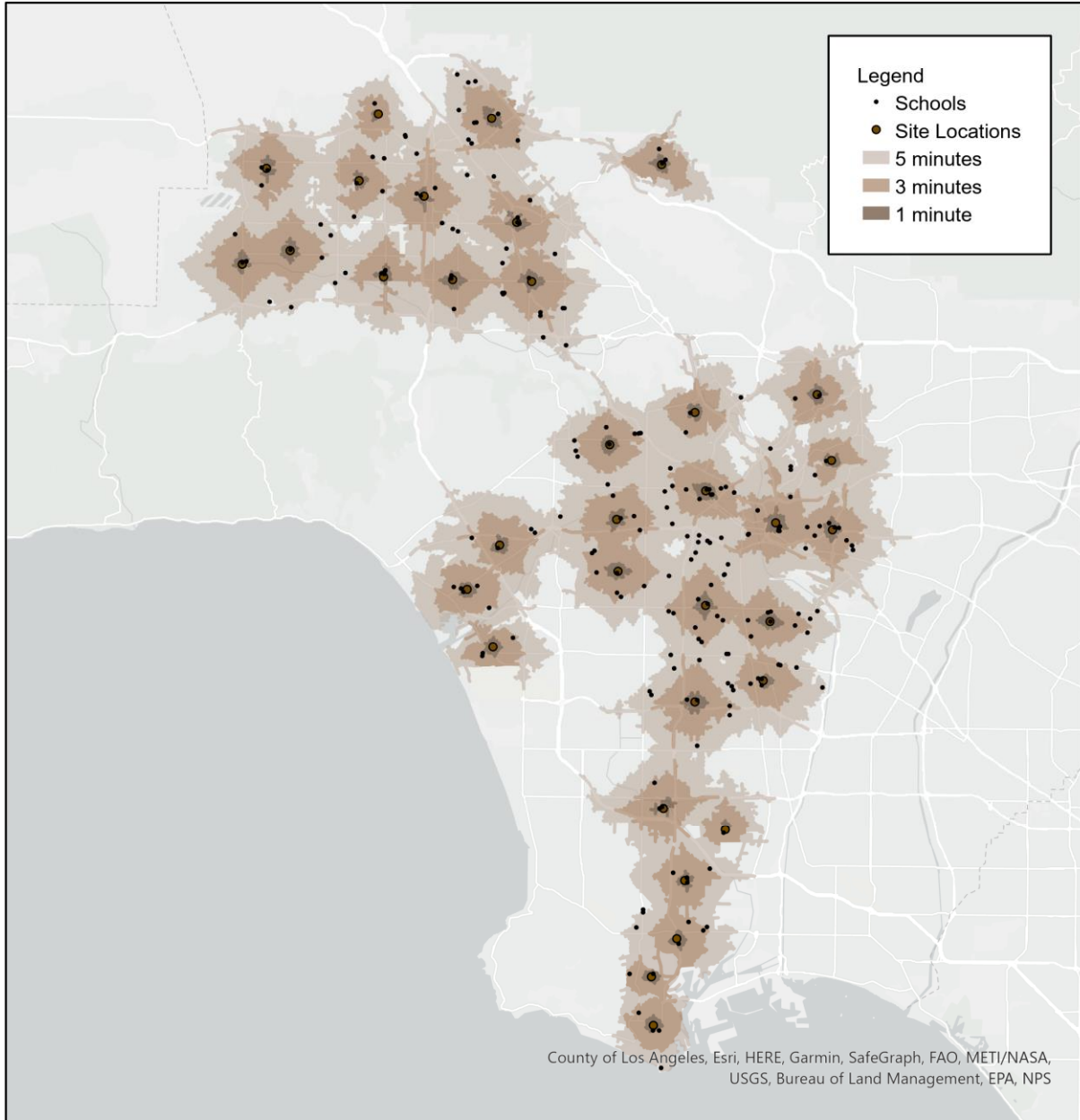
APPENDIX

Tables with data for the site locations for each map are provided in the following pages. For simplicity, locations are not labeled on the map, but this data is available upon request. In these tables, as in the brief, schools are defined as school locations, though multiple schools may exist at that address/ location. Drive times areas are determined away from the service site location, and total capacity is set to the number of schools within a five-minute drive from the service site. Percent of total schools within each service area is calculated using a total of 247 school locations. Some school locations are located within a five-minute drive time area of multiple service sites, so the total may exceed 100%.

Table A1. Site Summary for Map 1 - Maximum Coverage with Minimum Number of Sites with 3-Minute Coverage Cutoff (62 Service Sites)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	10	1	3	10	10%	30%	100%	0%	1%	4%
2	9	0	2	9	0%	22%	100%	0%	1%	4%
3	9	0	2	9	0%	22%	100%	0%	1%	4%
4	9	0	2	9	0%	22%	100%	0%	1%	4%
5	10	1	3	10	10%	30%	100%	0%	1%	4%
6	11	2	4	11	18%	36%	100%	1%	2%	4%
7	10	1	3	10	10%	30%	100%	0%	1%	4%
8	10	1	3	10	10%	30%	100%	0%	1%	4%
9	9	0	2	9	0%	22%	100%	0%	1%	4%
10	9	0	2	9	0%	22%	100%	0%	1%	4%
11	12	3	5	12	25%	42%	100%	1%	2%	5%
12	9	0	2	9	0%	22%	100%	0%	1%	4%
13	10	1	3	10	10%	30%	100%	0%	1%	4%
14	16	7	9	16	44%	56%	100%	3%	4%	6%
15	11	2	4	11	18%	36%	100%	1%	2%	4%
16	9	0	2	9	0%	22%	100%	0%	1%	4%
17	9	0	2	9	0%	22%	100%	0%	1%	4%
18	9	0	2	9	0%	22%	100%	0%	1%	4%
19	10	1	3	10	10%	30%	100%	0%	1%	4%
20	10	1	3	10	10%	30%	100%	0%	1%	4%
21	9	0	2	9	0%	22%	100%	0%	1%	4%
22	9	0	2	9	0%	22%	100%	0%	1%	4%
23	9	0	2	9	0%	22%	100%	0%	1%	4%
24	9	0	2	9	0%	22%	100%	0%	1%	4%
25	11	2	4	11	18%	36%	100%	1%	2%	4%
26	12	3	5	12	25%	42%	100%	1%	2%	5%
27	11	2	4	11	18%	36%	100%	1%	2%	4%
28	9	0	2	9	0%	22%	100%	0%	1%	4%
29	12	3	5	12	25%	42%	100%	1%	2%	5%
30	10	1	3	10	10%	30%	100%	0%	1%	4%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
31	9	0	2	9	0%	22%	100%	0%	1%	4%
32	9	0	2	9	0%	22%	100%	0%	1%	4%
33	11	2	4	11	18%	36%	100%	1%	2%	4%
34	9	0	2	9	0%	22%	100%	0%	1%	4%
35	10	1	3	10	10%	30%	100%	0%	1%	4%
36	10	1	3	10	10%	30%	100%	0%	1%	4%
37	9	0	2	9	0%	22%	100%	0%	1%	4%
38	9	0	2	9	0%	22%	100%	0%	1%	4%
39	9	0	2	9	0%	22%	100%	0%	1%	4%
40	9	0	2	9	0%	22%	100%	0%	1%	4%
41	12	3	5	12	25%	42%	100%	1%	2%	5%
42	10	1	3	10	10%	30%	100%	0%	1%	4%
43	9	0	2	9	0%	22%	100%	0%	1%	4%
44	10	1	3	10	10%	30%	100%	0%	1%	4%
45	10	1	3	10	10%	30%	100%	0%	1%	4%
46	9	0	2	9	0%	22%	100%	0%	1%	4%
47	9	0	2	9	0%	22%	100%	0%	1%	4%
48	9	0	2	9	0%	22%	100%	0%	1%	4%
49	9	0	2	9	0%	22%	100%	0%	1%	4%
50	10	1	3	10	10%	30%	100%	0%	1%	4%
51	10	1	3	10	10%	30%	100%	0%	1%	4%
52	13	4	6	13	31%	46%	100%	2%	2%	5%
53	11	2	4	11	18%	36%	100%	1%	2%	4%
54	9	0	2	9	0%	22%	100%	0%	1%	4%
55	9	0	2	9	0%	22%	100%	0%	1%	4%
56	9	0	2	9	0%	22%	100%	0%	1%	4%
57	9	0	2	9	0%	22%	100%	0%	1%	4%
58	11	2	4	11	18%	36%	100%	1%	2%	4%
59	10	1	3	10	10%	30%	100%	0%	1%	4%
60	9	0	2	9	0%	22%	100%	0%	1%	4%
61	10	1	3	10	10%	30%	100%	0%	1%	4%
62	11	2	4	11	18%	36%	100%	1%	2%	4%

Table A2. Site Summary for Map 2 - Maximum Coverage with Minimum Number of Sites with 5-Minute Coverage Cutoff (29 Service Sites)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	19	0	7	19	0%	37%	100%	0%	3%	8%
2	13	2	8	13	15%	62%	100%	1%	3%	5%
3	9	0	1	9	0%	11%	100%	0%	0%	4%
4	33	0	10	33	0%	30%	100%	0%	4%	13%
5	4	0	2	4	0%	50%	100%	0%	1%	2%
6	7	0	4	7	0%	57%	100%	0%	2%	3%
7	7	1	4	7	14%	57%	100%	0%	2%	3%
8	11	0	6	11	0%	55%	100%	0%	2%	4%
9	22	0	7	22	0%	32%	100%	0%	3%	9%
10	25	1	14	25	4%	56%	100%	0%	6%	10%
11	14	0	3	14	0%	21%	100%	0%	1%	6%
12	3	2	3	3	67%	100%	100%	1%	1%	1%
13	14	0	5	14	0%	36%	100%	0%	2%	6%
14	7	0	3	7	0%	43%	100%	0%	1%	3%
15	8	0	4	8	0%	50%	100%	0%	2%	3%
16	6	0	2	6	0%	33%	100%	0%	1%	2%
17	1	1	1	1	100%	100%	100%	0%	0%	0%
18	16	1	5	16	6%	31%	100%	0%	2%	6%
19	8	0	1	8	0%	13%	100%	0%	0%	3%
20	15	0	8	15	0%	53%	100%	0%	3%	6%
21	3	0	2	3	0%	67%	100%	0%	1%	1%
22	10	1	4	10	10%	40%	100%	0%	2%	4%
23	8	1	3	8	13%	38%	100%	0%	1%	3%
24	13	0	10	13	0%	77%	100%	0%	4%	5%
25	5	0	1	5	0%	20%	100%	0%	0%	2%
26	10	2	5	10	20%	50%	100%	1%	2%	4%
27	7	0	2	7	0%	29%	100%	0%	1%	3%
28	3	0	3	3	0%	100%	100%	0%	1%	1%
29	9	0	1	9	0%	11%	100%	0%	0%	4%

Table A3. Site Summary for Map 3 – Five School Capacity Coverage with Maximum 50 Service Sites

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	14	0	4	14	0%	29%	100%	0%	2%	6%
2	15	0	6	15	0%	40%	100%	0%	2%	6%
3	13	0	6	13	0%	46%	100%	0%	2%	5%
4	18	3	7	18	17%	39%	100%	1%	3%	7%
5	4	0	2	4	0%	50%	100%	0%	1%	2%
6	13	0	2	13	0%	15%	100%	0%	1%	5%
7	11	2	3	11	18%	27%	100%	1%	1%	4%
8	4	0	3	4	0%	75%	100%	0%	1%	2%
9	10	0	4	10	0%	40%	100%	0%	2%	4%
10	7	0	4	7	0%	57%	100%	0%	2%	3%
11	15	0	5	15	0%	33%	100%	0%	2%	6%
12	30	0	11	30	0%	37%	100%	0%	4%	12%
13	7	1	4	7	14%	57%	100%	0%	2%	3%
14	10	1	4	10	10%	40%	100%	0%	2%	4%
15	9	0	2	9	0%	22%	100%	0%	1%	4%
16	31	0	8	31	0%	26%	100%	0%	3%	13%
17	22	1	12	22	5%	55%	100%	0%	5%	9%
18	11	0	6	11	0%	55%	100%	0%	2%	4%
19	7	0	2	7	0%	29%	100%	0%	1%	3%
20	3	2	3	3	67%	100%	100%	1%	1%	1%
21	25	3	4	25	12%	16%	100%	1%	2%	10%
22	14	0	5	14	0%	36%	100%	0%	2%	6%
23	26	0	9	26	0%	35%	100%	0%	4%	11%
24	38	3	10	38	8%	26%	100%	1%	4%	15%
25	7	0	2	7	0%	29%	100%	0%	1%	3%
26	8	0	4	8	0%	50%	100%	0%	2%	3%
27	5	0	3	5	0%	60%	100%	0%	1%	2%
28	32	0	8	32	0%	25%	100%	0%	3%	13%
29	7	1	5	7	14%	71%	100%	0%	2%	3%
30	12	1	4	12	8%	33%	100%	0%	2%	5%
31	26	5	8	26	19%	31%	100%	2%	3%	11%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	8	0	2	8	0%	25%	100%	0%	1%	3%
33	11	0	5	11	0%	45%	100%	0%	2%	4%
34	24	0	10	24	0%	42%	100%	0%	4%	10%
35	6	0	1	6	0%	17%	100%	0%	0%	2%
36	5	0	3	5	0%	60%	100%	0%	1%	2%
37	10	1	4	10	10%	40%	100%	0%	2%	4%
38	9	1	5	9	11%	56%	100%	0%	2%	4%
39	5	0	3	5	0%	60%	100%	0%	1%	2%
40	4	0	4	4	0%	100%	100%	0%	2%	2%
41	17	2	8	17	12%	47%	100%	1%	3%	7%
42	6	0	2	6	0%	33%	100%	0%	1%	2%
43	13	0	10	13	0%	77%	100%	0%	4%	5%
44	15	0	8	15	0%	53%	100%	0%	3%	6%
45	22	0	8	22	0%	36%	100%	0%	3%	9%
46	24	1	10	24	4%	42%	100%	0%	4%	10%
47	7	0	6	7	0%	86%	100%	0%	2%	3%
48	13	1	4	13	8%	31%	100%	0%	2%	5%
49	18	2	7	18	11%	39%	100%	1%	3%	7%
50	18	0	10	18	0%	56%	100%	0%	4%	7%

Table A4. Site Summary for Map 4 – Five School Capacity Coverage with Maximum 75 Service Sites

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	10	1	3	10	10%	30%	100%	0%	1%	4%
2	5	1	3	5	20%	60%	100%	0%	1%	2%
3	14	0	4	14	0%	29%	100%	0%	2%	6%
4	29	2	8	29	7%	28%	100%	1%	3%	12%
5	5	1	2	5	20%	40%	100%	0%	1%	2%
6	13	2	8	13	15%	62%	100%	1%	3%	5%
7	7	0	5	7	0%	71%	100%	0%	2%	3%
8	6	1	3	6	17%	50%	100%	0%	1%	2%
9	15	0	6	15	0%	40%	100%	0%	2%	6%
10	7	1	1	7	14%	14%	100%	0%	0%	3%
11	9	1	6	9	11%	67%	100%	0%	2%	4%
12	33	0	10	33	0%	30%	100%	0%	4%	13%
13	18	3	7	18	17%	39%	100%	1%	3%	7%
14	6	0	4	6	0%	67%	100%	0%	2%	2%
15	21	7	12	21	33%	57%	100%	3%	5%	9%
16	11	2	3	11	18%	27%	100%	1%	1%	4%
17	3	0	2	3	0%	67%	100%	0%	1%	1%
18	10	0	4	10	0%	40%	100%	0%	2%	4%
19	5	0	4	5	0%	80%	100%	0%	2%	2%
20	15	0	5	15	0%	33%	100%	0%	2%	6%
21	9	0	2	9	0%	22%	100%	0%	1%	4%
22	12	0	7	12	0%	58%	100%	0%	3%	5%
23	3	0	2	3	0%	67%	100%	0%	1%	1%
24	10	0	1	10	0%	10%	100%	0%	0%	4%
25	26	1	9	26	4%	35%	100%	0%	4%	11%
26	14	0	3	14	0%	21%	100%	0%	1%	6%
27	7	0	2	7	0%	29%	100%	0%	1%	3%
28	25	3	4	25	12%	16%	100%	1%	2%	10%
29	6	2	3	6	33%	50%	100%	1%	1%	2%
30	4	0	2	4	0%	50%	100%	0%	1%	2%
31	7	0	2	7	0%	29%	100%	0%	1%	3%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	8	0	3	8	0%	38%	100%	0%	1%	3%
33	32	0	8	32	0%	25%	100%	0%	3%	13%
34	9	0	4	9	0%	44%	100%	0%	2%	4%
35	12	1	4	12	8%	33%	100%	0%	2%	5%
36	19	1	11	19	5%	58%	100%	0%	4%	8%
37	10	0	3	10	0%	30%	100%	0%	1%	4%
38	26	5	8	26	19%	31%	100%	2%	3%	11%
39	6	0	2	6	0%	33%	100%	0%	1%	2%
40	18	0	6	18	0%	33%	100%	0%	2%	7%
41	6	0	1	6	0%	17%	100%	0%	0%	2%
42	11	0	5	11	0%	45%	100%	0%	2%	4%
43	10	0	4	10	0%	40%	100%	0%	2%	4%
44	25	0	4	25	0%	16%	100%	0%	2%	10%
45	7	0	3	7	0%	43%	100%	0%	1%	3%
46	18	0	6	18	0%	33%	100%	0%	2%	7%
47	10	0	9	10	0%	90%	100%	0%	4%	4%
48	6	0	4	6	0%	67%	100%	0%	2%	2%
49	13	3	4	13	23%	31%	100%	1%	2%	5%
50	5	0	3	5	0%	60%	100%	0%	1%	2%
51	5	0	3	5	0%	60%	100%	0%	1%	2%
52	9	1	5	9	11%	56%	100%	0%	2%	4%
53	4	0	4	4	0%	100%	100%	0%	2%	2%
54	23	0	11	23	0%	48%	100%	0%	4%	9%
55	3	0	2	3	0%	67%	100%	0%	1%	1%
56	27	0	9	27	0%	33%	100%	0%	4%	11%
57	2	1	1	2	50%	50%	100%	0%	0%	1%
58	9	4	6	9	44%	67%	100%	2%	2%	4%
59	13	0	10	13	0%	77%	100%	0%	4%	5%
60	3	0	1	3	0%	33%	100%	0%	0%	1%
61	10	2	5	10	20%	50%	100%	1%	2%	4%
62	7	0	3	7	0%	43%	100%	0%	1%	3%
63	8	0	2	8	0%	25%	100%	0%	1%	3%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
64	23	0	4	23	0%	17%	100%	0%	2%	9%
65	7	1	2	7	14%	29%	100%	0%	1%	3%
66	3	0	3	3	0%	100%	100%	0%	1%	1%
67	13	1	4	13	8%	31%	100%	0%	2%	5%
68	3	0	3	3	0%	100%	100%	0%	1%	1%
69	7	1	2	7	14%	29%	100%	0%	1%	3%
70	7	0	4	7	0%	57%	100%	0%	2%	3%
71	6	0	3	6	0%	50%	100%	0%	1%	2%
72	23	0	9	23	0%	39%	100%	0%	4%	9%
73	5	1	5	5	20%	100%	100%	0%	2%	2%
74	18	2	7	18	11%	39%	100%	1%	3%	7%
75	18	0	10	18	0%	56%	100%	0%	4%	7%

Table A5. Site Summary for Map 4 – Five School Capacity Coverage with Maximum 100 Service Sites (92 Sites Allocated)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	4	0	1	4	0%	25%	100%	0%	0%	2%
2	4	0	3	4	0%	75%	100%	0%	1%	2%
3	14	0	4	14	0%	29%	100%	0%	2%	6%
4	25	0	7	25	0%	28%	100%	0%	3%	10%
5	26	2	7	26	8%	27%	100%	1%	3%	11%
6	5	1	2	5	20%	40%	100%	0%	1%	2%
7	5	1	2	5	20%	40%	100%	0%	1%	2%
8	6	1	3	6	17%	50%	100%	0%	1%	2%
9	15	0	5	15	0%	33%	100%	0%	2%	6%
10	6	1	1	6	17%	17%	100%	0%	0%	2%
11	9	1	6	9	11%	67%	100%	0%	2%	4%
12	12	1	3	12	8%	25%	100%	0%	1%	5%
13	13	0	6	13	0%	46%	100%	0%	2%	5%
14	2	0	1	2	0%	50%	100%	0%	0%	1%
15	29	0	9	29	0%	31%	100%	0%	4%	12%
16	18	3	7	18	17%	39%	100%	1%	3%	7%
17	6	0	4	6	0%	67%	100%	0%	2%	2%
18	10	1	4	10	10%	40%	100%	0%	2%	4%
19	11	2	3	11	18%	27%	100%	1%	1%	4%
20	6	0	3	6	0%	50%	100%	0%	1%	2%
21	32	1	12	32	3%	38%	100%	0%	5%	13%
22	5	0	4	5	0%	80%	100%	0%	2%	2%
23	9	1	1	9	11%	11%	100%	0%	0%	4%
24	6	0	4	6	0%	67%	100%	0%	2%	2%
25	12	0	5	12	0%	42%	100%	0%	2%	5%
26	28	0	11	28	0%	39%	100%	0%	4%	11%
27	7	1	4	7	14%	57%	100%	0%	2%	3%
28	10	2	4	10	20%	40%	100%	1%	2%	4%
29	12	0	7	12	0%	58%	100%	0%	3%	5%
30	31	0	8	31	0%	26%	100%	0%	3%	13%
31	22	0	10	22	0%	45%	100%	0%	4%	9%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	3	0	2	3	0%	67%	100%	0%	1%	1%
33	26	1	9	26	4%	35%	100%	0%	4%	11%
34	13	0	4	13	0%	31%	100%	0%	2%	5%
35	3	2	3	3	67%	100%	100%	1%	1%	1%
36	21	3	4	21	14%	19%	100%	1%	2%	9%
37	5	2	3	5	40%	60%	100%	1%	1%	2%
38	25	0	8	25	0%	32%	100%	0%	3%	10%
39	2	0	1	2	0%	50%	100%	0%	0%	1%
40	9	0	5	9	0%	56%	100%	0%	2%	4%
41	24	0	10	24	0%	42%	100%	0%	4%	10%
42	2	0	2	2	0%	100%	100%	0%	1%	1%
43	6	0	2	6	0%	33%	100%	0%	1%	2%
44	8	0	1	8	0%	13%	100%	0%	0%	3%
45	8	0	4	8	0%	50%	100%	0%	2%	3%
46	7	1	5	7	14%	71%	100%	0%	2%	3%
47	5	2	2	5	40%	40%	100%	1%	1%	2%
48	14	0	3	14	0%	21%	100%	0%	1%	6%
49	24	1	6	24	4%	25%	100%	0%	2%	10%
50	11	0	4	11	0%	36%	100%	0%	2%	4%
51	19	1	10	19	5%	53%	100%	0%	4%	8%
52	9	0	3	9	0%	33%	100%	0%	1%	4%
53	23	0	3	23	0%	13%	100%	0%	1%	9%
54	9	0	3	9	0%	33%	100%	0%	1%	4%
55	26	3	7	26	12%	27%	100%	1%	3%	11%
56	6	0	2	6	0%	33%	100%	0%	1%	2%
57	5	1	1	5	20%	20%	100%	0%	0%	2%
58	19	0	5	19	0%	26%	100%	0%	2%	8%
59	8	1	4	8	13%	50%	100%	0%	2%	3%
60	6	0	1	6	0%	17%	100%	0%	0%	2%
61	7	0	3	7	0%	43%	100%	0%	1%	3%
62	8	0	1	8	0%	13%	100%	0%	0%	3%
63	6	0	4	6	0%	67%	100%	0%	2%	2%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
64	9	1	3	9	11%	33%	100%	0%	1%	4%
65	13	3	4	13	23%	31%	100%	1%	2%	5%
66	2	0	1	2	0%	50%	100%	0%	0%	1%
67	5	0	2	5	0%	40%	100%	0%	1%	2%
68	10	1	3	10	10%	30%	100%	0%	1%	4%
69	30	0	4	30	0%	13%	100%	0%	2%	12%
70	4	0	4	4	0%	100%	100%	0%	2%	2%
71	3	0	2	3	0%	67%	100%	0%	1%	1%
72	5	0	4	5	0%	80%	100%	0%	2%	2%
73	7	1	1	7	14%	14%	100%	0%	0%	3%
74	27	0	9	27	0%	33%	100%	0%	4%	11%
75	2	1	1	2	50%	50%	100%	0%	0%	1%
76	7	0	1	7	0%	14%	100%	0%	0%	3%
77	9	4	5	9	44%	56%	100%	2%	2%	4%
78	13	0	10	13	0%	77%	100%	0%	4%	5%
79	9	0	3	9	0%	33%	100%	0%	1%	4%
80	1	0	1	1	0%	100%	100%	0%	0%	0%
81	3	1	1	3	33%	33%	100%	0%	0%	1%
82	4	0	2	4	0%	50%	100%	0%	1%	2%
83	6	1	2	6	17%	33%	100%	0%	1%	2%
84	3	0	3	3	0%	100%	100%	0%	1%	1%
85	8	0	4	8	0%	50%	100%	0%	2%	3%
86	7	1	2	7	14%	29%	100%	0%	1%	3%
87	7	0	3	7	0%	43%	100%	0%	1%	3%
88	5	0	2	5	0%	40%	100%	0%	1%	2%
89	6	0	3	6	0%	50%	100%	0%	1%	2%
90	23	0	5	23	0%	22%	100%	0%	2%	9%
91	5	1	5	5	20%	100%	100%	0%	2%	2%
92	11	0	4	11	0%	36%	100%	0%	2%	4%

Table A6. Site Summary for Map 6 – Five School Capacity Coverage with Maximum 125 Service Sites (109 Sites Allocated)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	10	1	3	10	10%	30%	100%	0%	1%	4%
2	5	0	3	5	0%	60%	100%	0%	1%	2%
3	4	0	1	4	0%	25%	100%	0%	0%	2%
4	25	0	7	25	0%	28%	100%	0%	3%	10%
5	26	2	7	26	8%	27%	100%	1%	3%	11%
6	5	1	2	5	20%	40%	100%	0%	1%	2%
7	5	1	2	5	20%	40%	100%	0%	1%	2%
8	15	0	7	15	0%	47%	100%	0%	3%	6%
9	6	1	3	6	17%	50%	100%	0%	1%	2%
10	7	1	2	7	14%	29%	100%	0%	1%	3%
11	9	1	6	9	11%	67%	100%	0%	2%	4%
12	8	0	2	8	0%	25%	100%	0%	1%	3%
13	13	0	6	13	0%	46%	100%	0%	2%	5%
14	2	0	1	2	0%	50%	100%	0%	0%	1%
15	29	0	9	29	0%	31%	100%	0%	4%	12%
16	18	3	7	18	17%	39%	100%	1%	3%	7%
17	6	0	4	6	0%	67%	100%	0%	2%	2%
18	10	1	4	10	10%	40%	100%	0%	2%	4%
19	7	0	5	7	0%	71%	100%	0%	2%	3%
20	3	0	2	3	0%	67%	100%	0%	1%	1%
21	2	0	1	2	0%	50%	100%	0%	0%	1%
22	6	0	3	6	0%	50%	100%	0%	1%	2%
23	5	0	4	5	0%	80%	100%	0%	2%	2%
24	9	1	1	9	11%	11%	100%	0%	0%	4%
25	9	0	4	9	0%	44%	100%	0%	2%	4%
26	28	0	11	28	0%	39%	100%	0%	4%	11%
27	7	1	4	7	14%	57%	100%	0%	2%	3%
28	4	0	3	4	0%	75%	100%	0%	1%	2%
29	10	2	4	10	20%	40%	100%	1%	2%	4%
30	12	0	7	12	0%	58%	100%	0%	3%	5%
31	10	0	3	10	0%	30%	100%	0%	1%	4%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	22	0	10	22	0%	45%	100%	0%	4%	9%
33	3	0	2	3	0%	67%	100%	0%	1%	1%
34	7	0	2	7	0%	29%	100%	0%	1%	3%
35	22	0	7	22	0%	32%	100%	0%	3%	9%
36	3	2	3	3	67%	100%	100%	1%	1%	1%
37	9	0	3	9	0%	33%	100%	0%	1%	4%
38	12	0	5	12	0%	42%	100%	0%	2%	5%
39	9	0	5	9	0%	56%	100%	0%	2%	4%
40	24	0	10	24	0%	42%	100%	0%	4%	10%
41	4	0	2	4	0%	50%	100%	0%	1%	2%
42	2	0	2	2	0%	100%	100%	0%	1%	1%
43	15	2	8	15	13%	53%	100%	1%	3%	6%
44	6	0	2	6	0%	33%	100%	0%	1%	2%
45	8	0	1	8	0%	13%	100%	0%	0%	3%
46	27	0	8	27	0%	30%	100%	0%	3%	11%
47	10	0	2	10	0%	20%	100%	0%	1%	4%
48	5	2	2	5	40%	40%	100%	1%	1%	2%
49	24	1	6	24	4%	25%	100%	0%	2%	10%
50	11	0	4	11	0%	36%	100%	0%	2%	4%
51	19	1	10	19	5%	53%	100%	0%	4%	8%
52	23	0	3	23	0%	13%	100%	0%	1%	9%
53	9	0	3	9	0%	33%	100%	0%	1%	4%
54	11	0	1	11	0%	9%	100%	0%	0%	4%
55	5	1	1	5	20%	20%	100%	0%	0%	2%
56	19	0	5	19	0%	26%	100%	0%	2%	8%
57	8	1	4	8	13%	50%	100%	0%	2%	3%
58	6	0	1	6	0%	17%	100%	0%	0%	2%
59	11	0	5	11	0%	45%	100%	0%	2%	4%
60	25	0	3	25	0%	12%	100%	0%	1%	10%
61	7	0	3	7	0%	43%	100%	0%	1%	3%
62	24	0	9	24	0%	38%	100%	0%	4%	10%
63	13	0	6	13	0%	46%	100%	0%	2%	5%
64	4	0	2	4	0%	50%	100%	0%	1%	2%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
65	10	0	9	10	0%	90%	100%	0%	4%	4%
66	6	0	4	6	0%	67%	100%	0%	2%	2%
67	9	3	3	9	33%	33%	100%	1%	1%	4%
68	6	0	2	6	0%	33%	100%	0%	1%	2%
69	9	1	3	9	11%	33%	100%	0%	1%	4%
70	7	0	2	7	0%	29%	100%	0%	1%	3%
71	13	3	4	13	23%	31%	100%	1%	2%	5%
72	7	0	3	7	0%	43%	100%	0%	1%	3%
73	3	0	2	3	0%	67%	100%	0%	1%	1%
74	10	1	3	10	10%	30%	100%	0%	1%	4%
75	8	1	3	8	13%	38%	100%	0%	1%	3%
76	30	0	4	30	0%	13%	100%	0%	2%	12%
77	4	0	3	4	0%	75%	100%	0%	1%	2%
78	9	1	5	9	11%	56%	100%	0%	2%	4%
79	5	0	4	5	0%	80%	100%	0%	2%	2%
80	17	2	8	17	12%	47%	100%	1%	3%	7%
81	9	0	2	9	0%	22%	100%	0%	1%	4%
82	27	0	9	27	0%	33%	100%	0%	4%	11%
83	26	0	7	26	0%	27%	100%	0%	3%	11%
84	2	1	1	2	50%	50%	100%	0%	0%	1%
85	4	1	4	4	25%	100%	100%	0%	2%	2%
86	9	4	5	9	44%	56%	100%	2%	2%	4%
87	13	0	10	13	0%	77%	100%	0%	4%	5%
88	14	0	8	14	0%	57%	100%	0%	3%	6%
89	9	0	3	9	0%	33%	100%	0%	1%	4%
90	5	0	1	5	0%	20%	100%	0%	0%	2%
91	22	1	4	22	5%	18%	100%	0%	2%	9%
92	10	0	4	10	0%	40%	100%	0%	2%	4%
93	22	0	8	22	0%	36%	100%	0%	3%	9%
94	24	1	10	24	4%	42%	100%	0%	4%	10%
95	3	1	1	3	33%	33%	100%	0%	0%	1%
96	7	0	3	7	0%	43%	100%	0%	1%	3%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
97	22	0	4	22	0%	18%	100%	0%	2%	9%
98	3	0	3	3	0%	100%	100%	0%	1%	1%
99	10	2	6	10	20%	60%	100%	1%	2%	4%
100	8	0	4	8	0%	50%	100%	0%	2%	3%
101	7	1	2	7	14%	29%	100%	0%	1%	3%
102	7	0	3	7	0%	43%	100%	0%	1%	3%
103	5	0	2	5	0%	40%	100%	0%	1%	2%
104	6	0	3	6	0%	50%	100%	0%	1%	2%
105	5	1	5	5	20%	100%	100%	0%	2%	2%
106	11	0	4	11	0%	36%	100%	0%	2%	4%
107	18	2	5	18	11%	28%	100%	1%	2%	7%
108	15	0	9	15	0%	60%	100%	0%	4%	6%
109	5	0	2	5	0%	40%	100%	0%	1%	2%

Table A7. Site Summary for Map 7 - Maximum Coverage with Minimum Number of School-Based Sites with 3-Minute Coverage Cutoff (72 Service Sites)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	37	4	10	37	11%	27%	100%	2%	4%	15%
2	13	2	3	13	15%	23%	100%	1%	1%	5%
3	18	1	3	18	6%	17%	100%	0%	1%	7%
4	8	2	3	8	25%	38%	100%	1%	1%	3%
5	7	1	3	7	14%	43%	100%	0%	1%	3%
6	6	1	4	6	17%	67%	100%	0%	2%	2%
7	4	2	2	4	50%	50%	100%	1%	1%	2%
8	6	1	1	6	17%	17%	100%	0%	0%	2%
9	5	0	1	5	0%	20%	100%	0%	0%	2%
10	5	1	3	5	20%	60%	100%	0%	1%	2%
11	10	2	3	10	20%	30%	100%	1%	1%	4%
12	7	1	4	7	14%	57%	100%	0%	2%	3%
13	11	2	7	11	18%	64%	100%	1%	3%	4%
14	26	2	5	26	8%	19%	100%	1%	2%	11%
15	10	1	2	10	10%	20%	100%	0%	1%	4%
16	23	4	6	23	17%	26%	100%	2%	2%	9%
17	13	1	2	13	8%	15%	100%	0%	1%	5%
18	15	1	3	15	7%	20%	100%	0%	1%	6%
19	4	1	2	4	25%	50%	100%	0%	1%	2%
20	5	1	1	5	20%	20%	100%	0%	0%	2%
21	9	2	3	9	22%	33%	100%	1%	1%	4%
22	20	3	8	20	15%	40%	100%	1%	3%	8%
23	22	1	6	22	5%	27%	100%	0%	2%	9%
24	7	1	5	7	14%	71%	100%	0%	2%	3%
25	9	2	6	9	22%	67%	100%	1%	2%	4%
26	21	1	11	21	5%	52%	100%	0%	4%	9%
27	5	2	3	5	40%	60%	100%	1%	1%	2%
28	6	3	3	6	50%	50%	100%	1%	1%	2%
29	10	3	4	10	30%	40%	100%	1%	2%	4%
30	2	1	2	2	50%	100%	100%	0%	1%	1%
31	13	4	7	13	31%	54%	100%	2%	3%	5%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	2	1	1	2	50%	50%	100%	0%	0%	1%
33	8	1	3	8	13%	38%	100%	0%	1%	3%
34	9	1	2	9	11%	22%	100%	0%	1%	4%
35	5	0	1	5	0%	20%	100%	0%	0%	2%
36	8	0	2	8	0%	25%	100%	0%	1%	3%
37	4	0	3	4	0%	75%	100%	0%	1%	2%
38	8	2	3	8	25%	38%	100%	1%	1%	3%
39	9	2	3	9	22%	33%	100%	1%	1%	4%
40	10	0	4	10	0%	40%	100%	0%	2%	4%
41	3	2	3	3	67%	100%	100%	1%	1%	1%
42	4	1	2	4	25%	50%	100%	0%	1%	2%
43	3	1	2	3	33%	67%	100%	0%	1%	1%
44	13	2	3	13	15%	23%	100%	1%	1%	5%
45	28	5	9	28	18%	32%	100%	2%	4%	11%
46	5	2	4	5	40%	80%	100%	1%	2%	2%
47	13	2	6	13	15%	46%	100%	1%	2%	5%
48	7	1	2	7	14%	29%	100%	0%	1%	3%
49	14	2	5	14	14%	36%	100%	1%	2%	6%
50	8	3	3	8	38%	38%	100%	1%	1%	3%
51	7	1	2	7	14%	29%	100%	0%	1%	3%
52	12	1	3	12	8%	25%	100%	0%	1%	5%
53	9	4	6	9	44%	67%	100%	2%	2%	4%
54	11	1	2	11	9%	18%	100%	0%	1%	4%
55	4	1	3	4	25%	75%	100%	0%	1%	2%
56	6	4	4	6	67%	67%	100%	2%	2%	2%
57	3	1	2	3	33%	67%	100%	0%	1%	1%
58	4	1	4	4	25%	100%	100%	0%	2%	2%
59	10	1	6	10	10%	60%	100%	0%	2%	4%
60	9	1	2	9	11%	22%	100%	0%	1%	4%
61	34	4	9	34	12%	26%	100%	2%	4%	14%
62	16	1	4	16	6%	25%	100%	0%	2%	6%
63	21	2	10	21	10%	48%	100%	1%	4%	9%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
64	10	2	4	10	20%	40%	100%	1%	2%	4%
65	4	1	2	4	25%	50%	100%	0%	1%	2%
66	28	7	12	28	25%	43%	100%	3%	5%	11%
67	14	2	5	14	14%	36%	100%	1%	2%	6%
68	17	2	4	17	12%	24%	100%	1%	2%	7%
69	7	1	1	7	14%	14%	100%	0%	0%	3%
70	1	0	1	1	0%	100%	100%	0%	0%	0%
71	6	2	2	6	33%	33%	100%	1%	1%	2%
72	4	2	3	4	50%	75%	100%	1%	1%	2%

Table A8. Site Summary for Map 8 - Maximum Coverage with Minimum Number of School-Based Sites with 5-Minute Coverage Cutoff (34 Service Sites)

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
1	6	1	1	6	17%	17%	100%	0%	0%	2%
2	5	1	2	5	20%	40%	100%	0%	1%	2%
3	11	1	7	11	9%	64%	100%	0%	3%	4%
4	5	2	4	5	40%	80%	100%	1%	2%	2%
5	4	1	2	4	25%	50%	100%	0%	1%	2%
6	9	2	3	9	22%	33%	100%	1%	1%	4%
7	5	2	3	5	40%	60%	100%	1%	1%	2%
8	10	3	4	10	30%	40%	100%	1%	2%	4%
9	2	1	2	2	50%	100%	100%	0%	1%	1%
10	13	4	7	13	31%	54%	100%	2%	3%	5%
11	28	1	13	28	4%	46%	100%	0%	5%	11%
12	5	0	1	5	0%	20%	100%	0%	0%	2%
13	4	0	3	4	0%	75%	100%	0%	1%	2%
14	16	1	6	16	6%	38%	100%	0%	2%	6%
15	13	1	4	13	8%	31%	100%	0%	2%	5%
16	3	2	3	3	67%	100%	100%	1%	1%	1%
17	3	1	2	3	33%	67%	100%	0%	1%	1%
18	13	2	3	13	15%	23%	100%	1%	1%	5%
19	7	1	2	7	14%	29%	100%	0%	1%	3%
20	12	1	3	12	8%	25%	100%	0%	1%	5%
21	9	2	4	9	22%	44%	100%	1%	2%	4%
22	9	4	6	9	44%	67%	100%	2%	2%	4%
23	4	1	3	4	25%	75%	100%	0%	1%	2%
24	6	4	4	6	67%	67%	100%	2%	2%	2%
25	3	1	2	3	33%	67%	100%	0%	1%	1%
26	4	1	4	4	25%	100%	100%	0%	2%	2%
27	10	1	4	10	10%	40%	100%	0%	2%	4%
28	34	4	9	34	12%	26%	100%	2%	4%	14%
29	19	7	11	19	37%	58%	100%	3%	4%	8%
30	21	2	10	21	10%	48%	100%	1%	4%	9%
31	17	2	6	17	12%	35%	100%	1%	2%	7%

Location	Capacity	Number of schools within drive times			Percent of capacity within drive times			Percent of total locations within drive times		
		1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes	1 minute	3 minutes	5 minutes
32	28	7	12	28	25%	43%	100%	3%	5%	11%
33	1	0	1	1	0%	100%	100%	0%	0%	0%
34	4	2	3	4	50%	75%	100%	1%	1%	2%