BeautifySJ Requests Demographic Descriptors Analysis

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Summary Tables & Charts

```
## # A tibble: 3 x 3
##   incident_source      n percent_of_total
##   <chr>            <int>            <dbl>
## 1 Mobile           65949           0.524
## 2 Web              48872           0.388
## 3 Agent desktop    11139           0.0884
```

```
## # A tibble: 6 x 3
##   service_requested       n percent_of_total
##   <chr>               <int>            <dbl>
## 1 Abandoned Vehicle   68518           0.544
## 2 Illegal Dumping     19675           0.156
## 3 General Request     15322           0.122
## 4 Graffiti            10799           0.0857
## 5 Streetlight Outage   8180           0.0649
## 6 Pothole              3466           0.0275
```

```
## # A tibble: 18 x 5
##    incident_source service_request~      n percent_of_sour~ percent_of_total
##    <chr>           <chr>             <int>            <dbl>            <dbl>
##  1 Agent desktop   Abandoned Vehic~   5275           0.474           0.0419
##  2 Agent desktop   General Request    4124           0.370           0.0327
##  3 Agent desktop   Illegal Dumping    1245           0.112           0.0099
##  4 Agent desktop   Streetlight Out~    371           0.0333          0.00290
##  5 Agent desktop   Pothole              76           0.0068          0.000600
##  6 Agent desktop   Graffiti             48           0.0043          0.0004
##  7 Mobile          Abandoned Vehic~  28620           0.434           0.227
##  8 Mobile          Illegal Dumping   15536           0.236           0.123
##  9 Mobile          Graffiti           9747           0.148           0.0774
## 10 Mobile          General Request    7360           0.112           0.0584
## 11 Mobile          Streetlight Out~   2888           0.0438          0.0229
## 12 Mobile          Pothole            1798           0.0273          0.0143
## 13 Web             Abandoned Vehic~  34623           0.708           0.275
## 14 Web             Streetlight Out~   4921           0.101           0.0391
## 15 Web             General Request    3838           0.0785          0.0305
## 16 Web             Illegal Dumping    2894           0.0592          0.023
## 17 Web             Pothole            1592           0.0326          0.0126
## 18 Web             Graffiti           1004           0.0205          0.008
```

```
## # A tibble: 7 x 3
##   request_creation_weekday      n percent_of_total
##   <ord>                     <int>            <dbl>
## 1 Mon                       22192           0.176
## 2 Tue                       21287           0.169
```

```
## 3 Wed                    20762         0.165
## 4 Thu                    20014         0.159
## 5 Fri                    17996         0.143
## 6 Sun                    12182         0.0967
## 7 Sat                    11527         0.0915


## # A tibble: 10 x 3
##    san_jose_council_district       n percent_of_total
##    <chr>                       <int>            <dbl>
##  1 3                           23788            0.189
##  2 7                           16707            0.133
##  3 6                           13718            0.109
##  4 5                           12987            0.103
##  5 2                           12058            0.0957
##  6 8                           10899            0.0865
##  7 4                           10284            0.0816
##  8 1                            9442            0.075
##  9 10                           8444            0.067
## 10 9                            7633            0.0606


## # A tibble: 10 x 3
##    census_block_id       n percent_of_total
##    <chr>             <int>            <dbl>
##  1 060855031151       1131           0.009
##  2 060855003001        973           0.0077
##  3 060855022011        891           0.0071
##  4 060855031051        890           0.0071
##  5 060855014021        863           0.0069
##  6 060855031221        850           0.0067
##  7 060855050062        831           0.0066
##  8 060855043181        811           0.0064
##  9 060855031121        804           0.0064
## 10 060855040022        737           0.0059
```
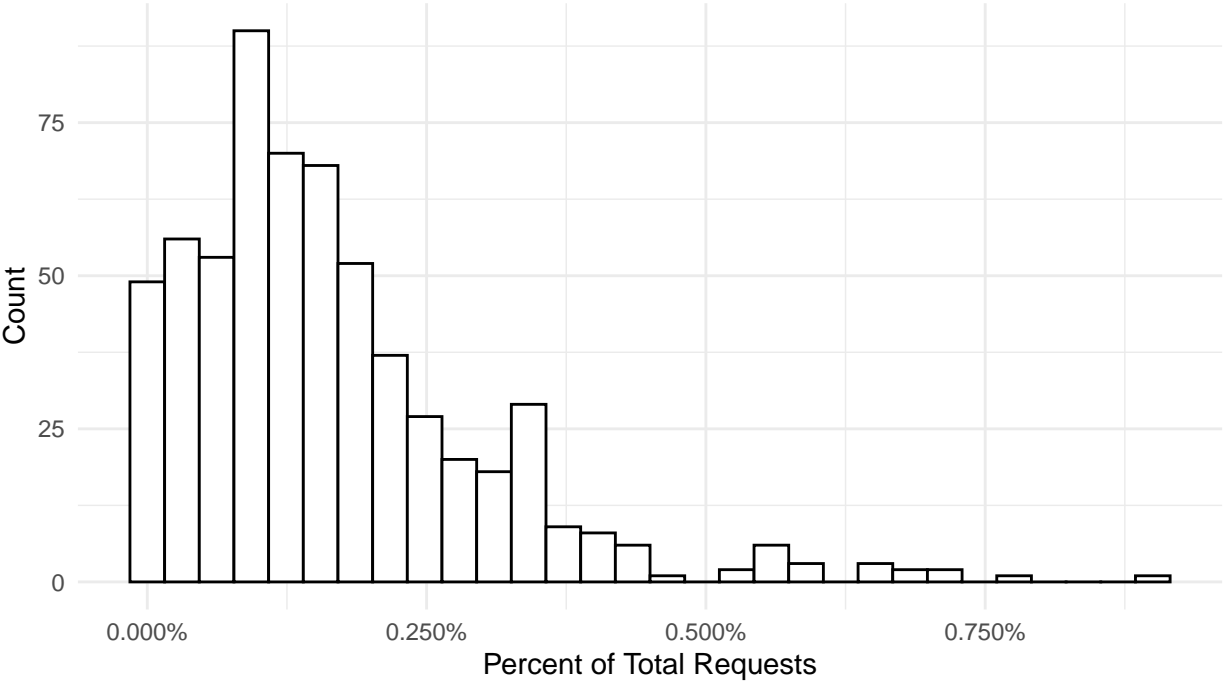
Distribution of Requests Across Census Block Groups

The distribution is right skewed, indicating that a handful of block groups
recieve a larger amount of requests than most others.

Source: City of San Jose

Demographics of Requesting Census Block Groups

var	thirtieth_percentile	median	seventieth_percentile
linguistic_isolation_(percent_households)	0.0433	0.0810	0.1460
cellular_data_subscription_(percent_of_pop)	0.5443	0.5869	0.6423
broadband_subscription_(percent_of_pop)	0.8589	0.8941	0.9276
bg_pop_percent_white	0.1238	0.2576	0.4411
bg_pop_percent_hispanic	0.1422	0.2349	0.3967
bg_pop_percent_asian	0.1729	0.2657	0.4241
bg_percent_prop_households_renter_occ	0.1947	0.3159	0.5152
bg_percent_prop_households_owner_occ	0.4848	0.6841	0.8053
bg_med_income	84031.4000	108302.5000	133687.6000
bg_med_home_value	645010.0000	805250.0000	933470.0000
bg_med_age	35.0000	38.4000	41.9000
bg_ed_percent_college_educated	0.3922	0.5300	0.6312

Demographic Descriptors By Channel

All Requests

All MySanJose Platforms

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	1.0000	1.0000	6.0000	52.000	551.0000
linguistic_isolation_(percent_households)	0.0098	0.0528	0.0810	0.070	0.0818
cellular_data_subscription_(percent_of_pop)	0.7730	0.5331	0.5331	0.580	0.5890
broadband_subscription_(percent_of_pop)	0.9774	0.9085	0.8575	0.931	0.8903
bg_pop_percent_white	0.3329	0.6746	0.4052	0.141	0.2687
bg_pop_percent_hispanic	0.0985	0.1213	0.1461	0.189	0.2487
bg_pop_percent_asian	0.4397	0.2041	0.2902	0.502	0.2557
bg_percent_prop_households_renter_occ	0.1089	0.0271	0.0293	0.202	0.3395
bg_percent_prop_households_owner_occ	0.8911	0.9729	0.9707	0.798	0.6605
bg_med_income	250001.0000	64398.0000	128667.0000	133729.000	106250.0000
bg_med_home_value	1504600.0000	736600.0000	950400.0000	854200.000	793250.0000
bg_med_age	44.5000	74.8000	39.2500	40.100	37.8500
bg_ed_percent_college_educated	0.8167	0.6257	0.6636	0.560	0.5226

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	29.0000	151.0000	267.000	137.000	19.0000
linguistic_isolation_(percent_households)	0.0385	0.0533	0.095	0.153	0.0951
cellular_data_subscription_(percent_of_pop)	0.6212	0.6120	0.580	0.555	0.6021
broadband_subscription_(percent_of_pop)	0.9363	0.9247	0.894	0.849	0.8603
bg_pop_percent_white	0.3205	0.3820	0.230	0.153	0.3659
bg_pop_percent_hispanic	0.0759	0.1559	0.268	0.423	0.1516
bg_pop_percent_asian	0.3968	0.3071	0.245	0.239	0.3344
bg_percent_prop_households_renter_occ	0.1339	0.2164	0.319	0.477	0.5188
bg_percent_prop_households_owner_occ	0.8661	0.7836	0.681	0.523	0.4813
bg_med_income	148266.0000	126786.0000	103621.000	79094.000	96389.0000
bg_med_home_value	1095600.0000	892850.0000	741200.000	624100.000	924500.0000
bg_med_age	44.5000	40.6000	37.300	35.600	36.7500
bg_ed_percent_college_educated	0.7080	0.5927	0.505	0.356	0.5378

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	52.000	225.000	248.000	68.0000	8.0000
linguistic_isolation_(percent_households)	0.143	0.121	0.068	0.0471	0.0697
cellular_data_subscription_(percent_of_pop)	0.545	0.564	0.598	0.6231	0.6043
broadband_subscription_(percent_of_pop)	0.817	0.873	0.915	0.9352	0.9347
bg_pop_percent_white	0.139	0.209	0.328	0.3534	0.2163
bg_pop_percent_hispanic	0.490	0.329	0.213	0.1161	0.0968
bg_pop_percent_asian	0.231	0.246	0.286	0.2335	0.6624
bg_percent_prop_households_renter_occ	0.618	0.368	0.267	0.2440	0.2635
bg_percent_prop_households_owner_occ	0.382	0.632	0.733	0.7560	0.7365
bg_med_income	59536.000	99048.000	115833.000	136864.5000	131020.0000
bg_med_home_value	635550.000	678200.000	841200.000	984700.0000	966300.0000
bg_med_age	32.900	37.000	39.050	41.5500	40.8000
bg_ed_percent_college_educated	0.331	0.436	0.549	0.6565	0.6835

Agent Desktop

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	523.0000	51.000	5.0000	1.0000	3.000
linguistic_isolation_(percent_households)	0.0818	0.081	0.0810	0.0528	0.078
cellular_data_subscription_(percent_of_pop)	0.5860	0.580	0.5331	0.5331	0.641
broadband_subscription_(percent_of_pop)	0.8878	0.925	0.8575	0.9085	0.896
bg_pop_percent_white	0.2642	0.139	0.3297	0.6746	0.333
bg_pop_percent_hispanic	0.2625	0.188	0.1165	0.1213	0.363
bg_pop_percent_asian	0.2494	0.517	0.3287	0.2041	0.101
bg_percent_prop_households_renter_occ	0.3432	0.210	0.0063	0.0271	0.222
bg_percent_prop_households_owner_occ	0.6568	0.790	0.9937	0.9729	0.778
bg_med_income	105815.0000	133729.000	128667.0000	64398.0000	134423.000
bg_med_home_value	780250.0000	844500.000	905000.0000	736600.0000	1045900.000
bg_med_age	37.6000	39.700	39.6000	74.8000	43.200
bg_ed_percent_college_educated	0.5110	0.560	0.6368	0.6257	0.467

Demographic Descriptors By District

District 1

All MySanJose Platforms

var	40%-60%	60%-80%	80%-100%
total_census_blocks	1.0000	7.0000	70.0000
linguistic_isolation_(percent_households)	0.0810	0.0413	0.0501
cellular_data_subscription_(percent_of_pop)	0.5556	0.5918	0.5664
broadband_subscription_(percent_of_pop)	0.8568	0.9326	0.9120
bg_pop_percent_white	0.5375	0.2260	0.3615
bg_pop_percent_hispanic	0.0554	0.0240	0.1010
bg_pop_percent_asian	0.2518	0.7530	0.4012
bg_percent_prop_households_renter_occ	0.0000	0.1886	0.4080
bg_percent_prop_households_owner_occ	1.0000	0.8114	0.5920
bg_med_income	156833.0000	167143.0000	128259.0000
bg_med_home_value	905000.0000	1301100.0000	1097600.0000
bg_med_age	58.0000	42.7000	40.2000
bg_ed_percent_college_educated	0.6368	0.8023	0.6746

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	10.0000	24.0000	25.000	6.0000	7.0000
linguistic_isolation_(percent_households)	0.0423	0.0501	0.081	0.0486	0.0255
cellular_data_subscription_(percent_of_pop)	0.6165	0.5664	0.535	0.5634	0.5298
broadband_subscription_(percent_of_pop)	0.9364	0.9120	0.896	0.8825	0.8603
bg_pop_percent_white	0.2129	0.3902	0.332	0.3665	0.3831
bg_pop_percent_hispanic	0.0157	0.1305	0.110	0.1264	0.0957
bg_pop_percent_asian	0.7635	0.3244	0.408	0.4041	0.3948
bg_percent_prop_households_renter_occ	0.1188	0.5020	0.498	0.3479	0.5452
bg_percent_prop_households_owner_occ	0.8812	0.4980	0.502	0.6521	0.4548
bg_med_income	176659.5000	120935.0000	112344.000	125265.0000	134821.0000
bg_med_home_value	1326000.0000	1064250.0000	1003700.000	1165650.0000	1173800.000
bg_med_age	45.8500	37.7000	38.100	46.4500	39.1000
bg_ed_percent_college_educated	0.8010	0.6556	0.624	0.6613	0.6796

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.000	14.0000	32.0000	18.0000	5.0000
linguistic_isolation_(percent_households)	0.113	0.0501	0.0501	0.0520	0.0591
cellular_data_subscription_(percent_of_pop)	0.566	0.5556	0.5625	0.5820	0.6362
broadband_subscription_(percent_of_pop)	0.899	0.8825	0.9154	0.9352	0.9285
bg_pop_percent_white	0.200	0.3664	0.3729	0.2515	0.4359
bg_pop_percent_hispanic	0.351	0.1370	0.1138	0.0305	0.0738
bg_pop_percent_asian	0.413	0.3518	0.3617	0.5736	0.4600
bg_percent_prop_households_renter_occ	0.664	0.6008	0.4013	0.2536	0.3333
bg_percent_prop_households_owner_occ	0.336	0.3992	0.5987	0.7464	0.6667
bg_med_income	84033.500	121948.5000	112604.0000	156793.5000	160921.0000
bg_med_home_value	964900.000	1051600.0000	1059000.0000	1313900.0000	1511000.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	33.250	41.0000	38.3000	43.3500	41.8000
bg_ed_percent_college_educated	0.631	0.6613	0.6309	0.7864	0.8022

District 2

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	1.0000	58.0000
linguistic_isolation__(percent_households)	0.0342	0.0589
cellular_data_subscription__(percent_of_pop)	0.7302	0.6425
broadband_subscription__(percent_of_pop)	0.9325	0.9408
bg_pop_percent_white	0.5686	0.3243
bg_pop_percent_hispanic	0.0644	0.3054
bg_pop_percent_asian	0.3232	0.2283
bg_percent_prop_households_renter_occ	0.0404	0.2332
bg_percent_prop_households_owner_occ	0.9596	0.7668
bg_med_income	223409.0000	113991.0000
bg_med_home_value	1740200.0000	687350.0000
bg_med_age	54.2000	37.9500
bg_ed_percent_college_educated	0.7257	0.4788

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.0000	13.0000	31.0000	8.000	3.000
linguistic_isolation__(percent_households)	0.0495	0.0429	0.0589	0.229	0.146
cellular_data_subscription__(percent_of_pop)	0.6329	0.6600	0.6533	0.622	0.685
broadband_subscription__(percent_of_pop)	0.9587	0.9467	0.9080	0.870	0.934
bg_pop_percent_white	0.3343	0.4059	0.3216	0.126	0.223
bg_pop_percent_hispanic	0.4122	0.2315	0.3165	0.380	0.226
bg_pop_percent_asian	0.1858	0.1836	0.2146	0.429	0.348
bg_percent_prop_households_renter_occ	0.4473	0.2205	0.2319	0.270	0.194
bg_percent_prop_households_owner_occ	0.5527	0.7795	0.7681	0.730	0.806
bg_med_income	116194.0000	125395.0000	105313.0000	81744.500	133875.000
bg_med_home_value	761550.0000	792300.0000	669200.0000	594050.000	706000.000
bg_med_age	35.1000	38.8000	37.2000	37.400	41.300
bg_ed_percent_college_educated	0.5926	0.5182	0.4722	0.318	0.531

MySanJose Web Platform

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	22.0000	24.0000	7.000	3.0000
linguistic_isolation__(percent_households)	0.0915	0.0589	0.050	0.0408
cellular_data_subscription__(percent_of_pop)	0.6329	0.6533	0.660	0.6093
broadband_subscription__(percent_of_pop)	0.9187	0.9308	0.951	0.9668
bg_pop_percent_white	0.2557	0.3427	0.398	0.3713
bg_pop_percent_hispanic	0.3054	0.3136	0.394	0.2415
bg_pop_percent_asian	0.2828	0.2015	0.130	0.3109
bg_percent_prop_households_renter_occ	0.2275	0.2414	0.245	0.0972
bg_percent_prop_households_owner_occ	0.7725	0.7586	0.755	0.9028
bg_med_income	101370.0000	119448.5000	143911.000	135096.0000
bg_med_home_value	678050.0000	664500.0000	805400.000	840200.0000

var	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	37.7000	37.5000	37.800	36.9000
bg_ed_percent_college_educated	0.4342	0.4624	0.565	0.6199

District 3

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	1.0000	78.000
linguistic_isolation_(percent_households)	0.3847	0.140
cellular_data_subscription_(percent_of_pop)	0.3280	0.585
broadband_subscription_(percent_of_pop)	0.6769	0.815
bg_pop_percent_white	0.0443	0.196
bg_pop_percent_hispanic	0.4864	0.425
bg_pop_percent_asian	0.4523	0.198
bg_percent_prop_households_renter_occ	0.7863	0.662
bg_percent_prop_households_owner_occ	0.2137	0.338
bg_med_income	46553.0000	72088.000
bg_med_home_value	602700.0000	655700.000
bg_med_age	29.0000	33.850
bg_ed_percent_college_educated	0.3174	0.383

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.0000	3.000	22.000	39.000	10.000
linguistic_isolation_(percent_households)	0.0471	0.209	0.156	0.140	0.121
cellular_data_subscription_(percent_of_pop)	0.6359	0.485	0.556	0.585	0.615
broadband_subscription_(percent_of_pop)	0.9220	0.680	0.807	0.815	0.819
bg_pop_percent_white	0.0986	0.124	0.146	0.260	0.286
bg_pop_percent_hispanic	0.0341	0.488	0.549	0.411	0.326
bg_pop_percent_asian	0.7300	0.133	0.196	0.175	0.288
bg_percent_prop_households_renter_occ	0.2966	0.749	0.641	0.697	0.705
bg_percent_prop_households_owner_occ	0.7034	0.251	0.359	0.303	0.295
bg_med_income	143083.0000	38993.000	69739.500	75243.000	57173.500
bg_med_home_value	702200.0000	433350.000	631000.000	678200.000	810200.000
bg_med_age	39.9000	30.700	34.750	33.600	32.400
bg_ed_percent_college_educated	0.7766	0.213	0.333	0.452	0.381

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	19.000	41.000	10.000	2.000	5.0000
linguistic_isolation_(percent_households)	0.121	0.146	0.203	0.174	0.0471
cellular_data_subscription_(percent_of_pop)	0.585	0.585	0.549	0.510	0.6359
broadband_subscription_(percent_of_pop)	0.815	0.815	0.806	0.759	0.9220
bg_pop_percent_white	0.258	0.235	0.136	0.196	0.0986
bg_pop_percent_hispanic	0.437	0.522	0.405	0.603	0.1623
bg_pop_percent_asian	0.175	0.195	0.239	0.133	0.7262
bg_percent_prop_households_renter_occ	0.853	0.682	0.641	0.842	0.2966
bg_percent_prop_households_owner_occ	0.147	0.318	0.359	0.158	0.7034
bg_med_income	55938.000	75417.000	72704.500	46478.000	138958.0000
bg_med_home_value	810200.000	645800.000	614100.000	470900.000	837100.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	31.300	34.000	35.900	28.650	38.6000
bg_ed_percent_college_educated	0.387	0.393	0.314	0.245	0.7631

District 4

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	1.0000	61.000
linguistic_isolation_(percent_households)	0.1192	0.106
cellular_data_subscription_(percent_of_pop)	0.5561	0.574
broadband_subscription_(percent_of_pop)	0.9386	0.925
bg_pop_percent_white	0.0628	0.143
bg_pop_percent_hispanic	0.3666	0.156
bg_pop_percent_asian	0.5169	0.633
bg_percent_prop_households_renter_occ	0.4337	0.278
bg_percent_prop_households_owner_occ	0.5663	0.722
bg_med_income	107305.0000	115250.000
bg_med_home_value	965100.0000	768800.000
bg_med_age	32.6000	38.600
bg_ed_percent_college_educated	0.4558	0.533

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	1.000	21.000	25.000	9.000	5.000
linguistic_isolation_(percent_households)	0.106	0.119	0.105	0.105	0.113
cellular_data_subscription_(percent_of_pop)	0.574	0.574	0.602	0.543	0.573
broadband_subscription_(percent_of_pop)	0.921	0.933	0.925	0.915	0.899
bg_pop_percent_white	0.131	0.131	0.143	0.151	0.183
bg_pop_percent_hispanic	0.167	0.156	0.156	0.140	0.324
bg_pop_percent_asian	0.688	0.633	0.663	0.592	0.293
bg_percent_prop_households_renter_occ	0.271	0.297	0.278	0.374	0.226
bg_percent_prop_households_owner_occ	0.729	0.703	0.722	0.626	0.774
bg_med_income	115250.000	107305.000	128226.000	109091.000	95950.000
bg_med_home_value	562000.000	813850.000	775200.000	752000.000	778900.000
bg_med_age	43.600	38.600	35.800	42.400	37.800
bg_ed_percent_college_educated	0.452	0.533	0.549	0.542	0.398

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.0000	16.000	29.000	9.0000	2.000
linguistic_isolation_(percent_households)	0.0951	0.120	0.106	0.0985	0.106
cellular_data_subscription_(percent_of_pop)	0.6569	0.539	0.588	0.6209	0.574
broadband_subscription_(percent_of_pop)	0.9150	0.915	0.928	0.9386	0.921
bg_pop_percent_white	0.1473	0.157	0.135	0.1523	0.118
bg_pop_percent_hispanic	0.3241	0.179	0.141	0.1347	0.142
bg_pop_percent_asian	0.2918	0.595	0.663	0.6337	0.718
bg_percent_prop_households_renter_occ	0.2257	0.288	0.283	0.2966	0.242
bg_percent_prop_households_owner_occ	0.7743	0.712	0.717	0.7034	0.758
bg_med_income	94922.0000	117847.000	110694.000	133750.0000	109562.500
bg_med_home_value	778900.0000	741500.000	807500.000	776550.0000	627550.000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	34.8000	39.850	37.200	41.5000	43.450
bg_ed_percent_college_educated	0.3979	0.522	0.569	0.5334	0.468

District 5

All MySanJose Platforms

var	40%-60%	60%-80%	80%-100%
total_census_blocks	1.0000	2.000	69.0000
linguistic_isolation__(percent_households)	0.2518	0.169	0.2380
cellular_data_subscription__(percent_of_pop)	0.4791	0.496	0.5087
broadband_subscription__(percent_of_pop)	0.8309	0.791	0.8461
bg_pop_percent_white	0.0232	0.237	0.0616
bg_pop_percent_hispanic	0.7855	0.525	0.6191
bg_pop_percent_asian	0.1913	0.133	0.2751
bg_percent_prop_households_renter_occ	0.3812	0.470	0.3854
bg_percent_prop_households_owner_occ	0.6188	0.530	0.6146
bg_med_income	54073.0000	113603.500	82805.0000
bg_med_home_value	547600.0000	568750.000	583600.0000
bg_med_age	32.9000	39.550	35.5500
bg_ed_percent_college_educated	0.1590	0.345	0.2410

MySanJose Mobile App

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	4.000	35.0000	26.0000	7.000
linguistic_isolation__(percent_households)	0.180	0.2248	0.2473	0.191
cellular_data_subscription__(percent_of_pop)	0.577	0.5114	0.4920	0.509
broadband_subscription__(percent_of_pop)	0.847	0.8575	0.8345	0.872
bg_pop_percent_white	0.154	0.0572	0.0424	0.260
bg_pop_percent_hispanic	0.517	0.6114	0.6564	0.263
bg_pop_percent_asian	0.240	0.2918	0.2411	0.504
bg_percent_prop_households_renter_occ	0.233	0.3891	0.4657	0.230
bg_percent_prop_households_owner_occ	0.767	0.6109	0.5343	0.770
bg_med_income	116215.500	86406.0000	76384.0000	111000.000
bg_med_home_value	630150.000	581600.0000	584400.0000	831000.000
bg_med_age	40.400	34.8000	33.9000	41.700
bg_ed_percent_college_educated	0.362	0.2418	0.2029	0.513

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%
total_census_blocks	12.0000	35.0000	19.0000	1.0000
linguistic_isolation__(percent_households)	0.2427	0.2380	0.2248	0.2398
cellular_data_subscription__(percent_of_pop)	0.5070	0.5155	0.4986	0.5520
broadband_subscription__(percent_of_pop)	0.8101	0.8461	0.8768	0.7895
bg_pop_percent_white	0.0377	0.0616	0.0694	0.0505
bg_pop_percent_hispanic	0.6300	0.6478	0.5549	0.6191
bg_pop_percent_asian	0.2204	0.2428	0.3156	0.3085
bg_percent_prop_households_renter_occ	0.5448	0.3675	0.3674	0.5838
bg_percent_prop_households_owner_occ	0.4552	0.6325	0.6326	0.4162
bg_med_income	58977.5000	82974.0000	93438.0000	50924.0000
bg_med_home_value	558400.0000	587300.0000	581600.0000	474500.0000

var	0%-20%	20%-40%	40%-60%	60%-80%
bg_med_age	34.0000	35.7000	34.6000	36.2000
bg_ed_percent_college_educated	0.1981	0.2199	0.2958	0.2859

District 6

All MySanJose Platforms

var	40%-60%	60%-80%	80%-100%
total_census_blocks	1.000	3.000	77.0000
linguistic_isolation_(percent_households)	NA	0.036	0.0273
cellular_data_subscription_(percent_of_pop)	NA	0.562	0.6336
broadband_subscription_(percent_of_pop)	NA	0.899	0.8684
bg_pop_percent_white	0.665	0.560	0.4964
bg_pop_percent_hispanic	0.176	0.217	0.2071
bg_pop_percent_asian	0.111	0.154	0.1348
bg_percent_prop_households_renter_occ	0.654	0.323	0.4217
bg_percent_prop_households_owner_occ	0.346	0.677	0.5783
bg_med_income	NA	135208.000	118398.0000
bg_med_home_value	1051100.000	865300.000	906950.0000
bg_med_age	22.300	41.800	39.5000
bg_ed_percent_college_educated	0.701	0.644	0.6262

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.0000	22.0000	30.0000	22.0000	3.0000
linguistic_isolation_(percent_households)	0.0187	0.0238	0.0316	0.0735	0.0852
cellular_data_subscription_(percent_of_pop)	0.6535	0.6807	0.6336	0.5618	0.5708
broadband_subscription_(percent_of_pop)	0.8845	0.9143	0.8701	0.8490	0.8763
bg_pop_percent_white	0.7696	0.6022	0.5284	0.2990	0.3571
bg_pop_percent_hispanic	0.0642	0.1654	0.2047	0.4046	0.2641
bg_pop_percent_asian	0.1118	0.1347	0.1263	0.1598	0.3555
bg_percent_prop_households_renter_occ	0.0816	0.2881	0.4046	0.6203	0.2440
bg_percent_prop_households_owner_occ	0.9184	0.7119	0.5954	0.3797	0.7560
bg_med_income	191562.5000	129892.5000	117448.0000	94355.5000	129574.0000
bg_med_home_value	1220400.0000	989700.0000	906950.0000	723000.0000	900300.0000
bg_med_age	48.5000	44.4500	39.0500	35.6000	35.8000
bg_ed_percent_college_educated	0.7472	0.6692	0.6349	0.4403	0.6389

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	4.0000	35.0000	28.0000	11.0000	1.0000
linguistic_isolation_(percent_households)	0.0859	0.0671	0.0252	0.0238	0.0064
cellular_data_subscription_(percent_of_pop)	0.5503	0.5708	0.6445	0.6729	0.6567
broadband_subscription_(percent_of_pop)	0.8611	0.8490	0.9143	0.8684	0.9359
bg_pop_percent_white	0.3752	0.4673	0.5860	0.6217	0.7592
bg_pop_percent_hispanic	0.1407	0.2610	0.1938	0.1283	0.0973
bg_pop_percent_asian	0.2509	0.1273	0.1362	0.1349	0.1056
bg_percent_prop_households_renter_occ	0.4744	0.4242	0.4175	0.4479	0.0774
bg_percent_prop_households_owner_occ	0.5256	0.5758	0.5825	0.5521	0.9226
bg_med_income	121430.5000	110357.0000	124044.0000	124500.0000	158000.0000
bg_med_home_value	852550.0000	827050.0000	988600.0000	1017900.0000	1231500.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	36.5000	37.0000	39.0500	44.2000	50.7000
bg_ed_percent_college_educated	0.5506	0.5573	0.6244	0.6820	0.6987

District 7

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	3.0000	56.0000
linguistic_isolation_(percent_households)	0.2155	0.2467
cellular_data_subscription_(percent_of_pop)	0.5921	0.5656
broadband_subscription_(percent_of_pop)	0.8674	0.8219
bg_pop_percent_white	0.0471	0.0602
bg_pop_percent_hispanic	0.2191	0.4709
bg_pop_percent_asian	0.5545	0.3447
bg_percent_prop_households_renter_occ	0.2447	0.4293
bg_percent_prop_households_owner_occ	0.7553	0.5707
bg_med_income	96196.0000	69182.5000
bg_med_home_value	470600.0000	579600.0000
bg_med_age	37.0000	34.2000
bg_ed_percent_college_educated	0.3027	0.2846

MySanJose Mobile App

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.0000	25.000	24.0000	6.000
linguistic_isolation_(percent_households)	0.2155	0.247	0.2467	0.107
cellular_data_subscription_(percent_of_pop)	0.5921	0.566	0.5205	0.571
broadband_subscription_(percent_of_pop)	0.9083	0.839	0.8125	0.834
bg_pop_percent_white	0.0459	0.061	0.0412	0.278
bg_pop_percent_hispanic	0.2191	0.447	0.5649	0.315
bg_pop_percent_asian	0.5545	0.473	0.3087	0.202
bg_percent_prop_households_renter_occ	0.2447	0.376	0.4293	0.633
bg_percent_prop_households_owner_occ	0.7553	0.624	0.5707	0.367
bg_med_income	93750.0000	75481.000	65224.0000	64386.500
bg_med_home_value	617600.0000	588200.000	557100.000	721950.000
bg_med_age	40.1000	36.000	33.1500	35.800
bg_ed_percent_college_educated	0.3027	0.330	0.2334	0.484

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	10.0000	26.0000	18.0000	1.0000	1.000
linguistic_isolation_(percent_households)	0.2291	0.2467	0.2863	0.1649	0.162
cellular_data_subscription_(percent_of_pop)	0.5402	0.5725	0.5435	0.6704	0.583
broadband_subscription_(percent_of_pop)	0.8060	0.8235	0.8531	0.9484	0.788
bg_pop_percent_white	0.0479	0.0602	0.0569	0.0459	0.154
bg_pop_percent_hispanic	0.5534	0.4347	0.4763	0.1560	0.588
bg_pop_percent_asian	0.2722	0.3624	0.4540	0.7147	0.197
bg_percent_prop_households_renter_occ	0.6159	0.3767	0.4359	0.2217	0.631
bg_percent_prop_households_owner_occ	0.3841	0.6233	0.5641	0.7783	0.369
bg_med_income	58315.5000	79023.5000	68110.5000	126786.0000	52120.000
bg_med_home_value	513850.0000	564000.0000	558150.0000	777600.0000	486400.000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	35.8000	34.5500	36.6500	40.1000	30.300
bg_ed_percent_college_educated	0.2810	0.2846	0.2888	0.4830	0.393

District 8

All MySanJose Platforms

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	1.0000	1.0000	4.0000	30.000	25.0000
linguistic_isolation_(percent_households)	0.0098	0.0528	0.0528	0.096	0.2042
cellular_data_subscription_(percent_of_pop)	0.7730	0.5331	0.5653	0.577	0.5791
broadband_subscription_(percent_of_pop)	0.9774	0.9085	0.9085	0.941	0.8897
bg_pop_percent_white	0.3329	0.6746	0.3181	0.108	0.0582
bg_pop_percent_hispanic	0.0985	0.1213	0.1645	0.203	0.3381
bg_pop_percent_asian	0.4397	0.2041	0.3740	0.571	0.5072
bg_percent_prop_households_renter_occ	0.1089	0.0271	0.0293	0.193	0.2288
bg_percent_prop_households_owner_occ	0.8911	0.9729	0.9707	0.807	0.7712
bg_med_income	250001.0000	64398.0000	183833.5000	132062.500	99048.0000
bg_med_home_value	1504600.0000	736600.0000	1031950.0000	803250.000	614400.0000
bg_med_age	44.5000	74.8000	39.3000	39.750	37.0000
bg_ed_percent_college_educated	0.8167	0.6257	0.6992	0.556	0.3561

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	4.0000	27.000	18.0000	3.0000	5.0000
linguistic_isolation_(percent_households)	0.0528	0.096	0.1636	0.2621	0.2155
cellular_data_subscription_(percent_of_pop)	0.6434	0.603	0.5512	0.4526	0.5087
broadband_subscription_(percent_of_pop)	0.9305	0.944	0.9040	0.7801	0.8674
bg_pop_percent_white	0.3197	0.115	0.0591	0.0585	0.0471
bg_pop_percent_hispanic	0.1172	0.203	0.3372	0.2625	0.5656
bg_pop_percent_asian	0.4182	0.564	0.4466	0.6204	0.3281
bg_percent_prop_households_renter_occ	0.0806	0.165	0.2255	0.3458	0.2288
bg_percent_prop_households_owner_occ	0.9194	0.835	0.7745	0.6542	0.7712
bg_med_income	129958.5000	141136.000	102586.5000	82137.0000	75938.0000
bg_med_home_value	1045700.0000	840000.000	654600.0000	570400.0000	568600.0000
bg_med_age	42.0500	39.700	37.1000	40.1000	37.0000
bg_ed_percent_college_educated	0.6776	0.560	0.4021	0.3381	0.2418

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	5.0000	22.000	23.0000	3.000	3.000
linguistic_isolation_(percent_households)	0.0528	0.108	0.0960	0.119	0.215
cellular_data_subscription_(percent_of_pop)	0.5331	0.541	0.6032	0.603	0.579
broadband_subscription_(percent_of_pop)	0.9085	0.907	0.9444	0.919	0.877
bg_pop_percent_white	0.2642	0.115	0.0787	0.123	0.145
bg_pop_percent_hispanic	0.2510	0.273	0.2030	0.333	0.219
bg_pop_percent_asian	0.4524	0.426	0.6472	0.555	0.554
bg_percent_prop_households_renter_occ	0.1764	0.214	0.1918	0.105	0.245
bg_percent_prop_households_owner_occ	0.8236	0.786	0.8082	0.895	0.755
bg_med_income	82137.0000	117354.000	126761.0000	127167.000	73261.000
bg_med_home_value	627600.0000	718700.000	840000.0000	717100.000	584700.000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	43.8000	39.700	39.5000	41.900	38.400
bg_ed_percent_college_educated	0.6190	0.498	0.5683	0.519	0.303

District 9

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	5.0000	71.0000
linguistic_isolation_(percent_households)	0.0078	0.0259
cellular_data_subscription_(percent_of_pop)	0.6527	0.5976
broadband_subscription_(percent_of_pop)	0.9359	0.9186
bg_pop_percent_white	0.6832	0.5700
bg_pop_percent_hispanic	0.0890	0.1563
bg_pop_percent_asian	0.2129	0.1947
bg_percent_prop_households_renter_occ	0.0775	0.2440
bg_percent_prop_households_owner_occ	0.9225	0.7560
bg_med_income	158000.0000	133182.0000
bg_med_home_value	1231500.0000	941000.0000
bg_med_age	45.7000	41.0000
bg_ed_percent_college_educated	0.6784	0.5766

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	7.000	26.0000	36.0000	6.0000	1.0000
linguistic_isolation_(percent_households)	0.013	0.0235	0.0259	0.0865	0.0852
cellular_data_subscription_(percent_of_pop)	0.643	0.6471	0.5640	0.6257	0.5708
broadband_subscription_(percent_of_pop)	0.936	0.9247	0.9004	0.8935	0.8619
bg_pop_percent_white	0.622	0.6252	0.5599	0.5130	0.0955
bg_pop_percent_hispanic	0.089	0.1294	0.1879	0.2478	0.2071
bg_pop_percent_asian	0.205	0.2050	0.1946	0.1670	0.4528
bg_percent_prop_households_renter_occ	0.270	0.1646	0.3097	0.3407	0.7035
bg_percent_prop_households_owner_occ	0.730	0.8354	0.6903	0.6593	0.2965
bg_med_income	136750.000	147332.0000	126693.0000	116081.5000	112167.0000
bg_med_home_value	1048700.000	950950.0000	930800.0000	825850.0000	658000.0000
bg_med_age	41.600	41.2000	40.4500	42.6000	27.2000
bg_ed_percent_college_educated	0.550	0.6263	0.5537	0.5554	0.4668

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.0000	15.0000	43.0000	13.0000	1.000
linguistic_isolation_(percent_households)	0.0599	0.0248	0.0259	0.0195	0.000
cellular_data_subscription_(percent_of_pop)	0.6388	0.5976	0.5976	0.6435	0.707
broadband_subscription_(percent_of_pop)	0.9157	0.9244	0.9186	0.9270	0.922
bg_pop_percent_white	0.5896	0.5508	0.5691	0.6312	0.622
bg_pop_percent_hispanic	0.1688	0.2099	0.1563	0.1168	0.139
bg_pop_percent_asian	0.1670	0.1947	0.1986	0.2054	0.135
bg_percent_prop_households_renter_occ	0.4648	0.2361	0.2440	0.2699	0.218
bg_percent_prop_households_owner_occ	0.5352	0.7639	0.7560	0.7301	0.782
bg_med_income	150790.0000	131765.0000	130694.0000	143409.0000	183715.000
bg_med_home_value	1245250.5000	930800.0000	928650.0000	961700.0000	1135500.000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	45.6500	41.0000	41.2000	40.4000	44.200
bg_ed_percent_college_educated	0.6334	0.5689	0.5820	0.6517	0.682

District 10

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	2.0000	62.000
linguistic_isolation_(percent_households)	0.0386	0.049
cellular_data_subscription_(percent_of_pop)	0.6096	0.645
broadband_subscription_(percent_of_pop)	0.9240	0.920
bg_pop_percent_white	0.5217	0.443
bg_pop_percent_hispanic	0.1547	0.185
bg_pop_percent_asian	0.2394	0.239
bg_percent_prop_households_renter_occ	0.1466	0.178
bg_percent_prop_households_owner_occ	0.8534	0.822
bg_med_income	184702.0000	132750.000
bg_med_home_value	965050.0000	851250.000
bg_med_age	42.7000	42.400
bg_ed_percent_college_educated	0.6993	0.574

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.0000	18.0000	30.0000	10.0000	2.000
linguistic_isolation_(percent_households)	0.0215	0.0449	0.0474	0.0878	0.129
cellular_data_subscription_(percent_of_pop)	0.7048	0.6416	0.6416	0.6269	0.699
broadband_subscription_(percent_of_pop)	0.9499	0.9480	0.9097	0.9043	0.906
bg_pop_percent_white	0.3597	0.4715	0.4671	0.3637	0.261
bg_pop_percent_hispanic	0.1115	0.1246	0.2298	0.2744	0.274
bg_pop_percent_asian	0.1549	0.2405	0.2406	0.2178	0.390
bg_percent_prop_households_renter_occ	0.0724	0.1738	0.1694	0.3360	0.251
bg_percent_prop_households_owner_occ	0.9276	0.8262	0.8306	0.6640	0.749
bg_med_income	175104.0000	136014.0000	141059.5000	93933.5000	103420.000
bg_med_home_value	1236100.0000	902400.0000	854100.0000	706000.0000	700000.000
bg_med_age	46.1000	42.4500	41.4000	41.9000	40.650
bg_ed_percent_college_educated	0.8662	0.6168	0.5837	0.5356	0.455

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	1.000	20.0000	31.0000	9.0000	1.0000
linguistic_isolation_(percent_households)	0.106	0.0688	0.0458	0.0408	0.0134
cellular_data_subscription_(percent_of_pop)	0.411	0.6269	0.6455	0.7048	0.6506
broadband_subscription_(percent_of_pop)	0.793	0.9080	0.9130	0.9499	0.9270
bg_pop_percent_white	0.218	0.3839	0.4669	0.4473	0.6963
bg_pop_percent_hispanic	0.583	0.2225	0.1352	0.1141	0.1220
bg_pop_percent_asian	0.108	0.2549	0.2427	0.1522	0.1474
bg_percent_prop_households_renter_occ	0.913	0.2303	0.1655	0.1318	0.3395
bg_percent_prop_households_owner_occ	0.087	0.7697	0.8345	0.8682	0.6605
bg_med_income	60600.000	120574.0000	145694.0000	119565.0000	152054.0000
bg_med_home_value	967600.000	732500.0000	857100.0000	1143800.0000	888700.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	27.800	41.0500	42.4000	44.9000	44.6000
bg_ed_percent_college_educated	0.227	0.5440	0.6083	0.5927	0.6517

Demographic Descriptors By Channel and Request Type

Abandoned Vehicle

All MySanJose Platforms

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	1.0000	3.0000	36.0000	549.0000
linguistic_isolation_(percent_households)	0.0810	0.0671	0.0423	0.0833
cellular_data_subscription_(percent_of_pop)	0.5556	0.5625	0.6055	0.5849
broadband_subscription_(percent_of_pop)	0.8568	0.9311	0.9240	0.8909
bg_pop_percent_white	0.5375	0.1648	0.3596	0.2480
bg_pop_percent_hispanic	0.0554	0.2270	0.1450	0.2625
bg_pop_percent_asian	0.2518	0.1747	0.3509	0.2622
bg_percent_prop_households_renter_occ	0.0000	0.1886	0.2851	0.3195
bg_percent_prop_households_owner_occ	1.0000	0.8114	0.7149	0.6805
bg_med_income	156833.0000	151591.0000	131250.0000	105682.0000
bg_med_home_value	905000.0000	1276900.0000	974500.0000	778900.0000
bg_med_age	58.0000	42.7000	40.6500	37.9500
bg_ed_percent_college_educated	0.6368	0.5723	0.6734	0.5110

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	67.0000	250.0000	184.000	64.000	10.0000
linguistic_isolation_(percent_households)	0.0478	0.0765	0.106	0.140	0.0738
cellular_data_subscription_(percent_of_pop)	0.6142	0.5821	0.580	0.556	0.5921
broadband_subscription_(percent_of_pop)	0.9278	0.9014	0.879	0.849	0.8687
bg_pop_percent_white	0.3713	0.2924	0.181	0.226	0.2309
bg_pop_percent_hispanic	0.1558	0.2196	0.320	0.406	0.3443
bg_pop_percent_asian	0.3250	0.2750	0.249	0.224	0.2447
bg_percent_prop_households_renter_occ	0.2447	0.3061	0.368	0.480	0.3193
bg_percent_prop_households_owner_occ	0.7553	0.6939	0.632	0.520	0.6807
bg_med_income	131250.0000	113281.5000	93750.000	83437.500	59654.5000
bg_med_home_value	902400.0000	826700.0000	658000.000	664300.000	547600.0000
bg_med_age	41.1000	38.9500	36.900	35.800	40.8000
bg_ed_percent_college_educated	0.6337	0.5318	0.430	0.365	0.3236

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	14.0000	116.000	273.000	144.000	35.0000
linguistic_isolation_(percent_households)	0.2379	0.146	0.0878	0.0528	0.0478
cellular_data_subscription_(percent_of_pop)	0.5450	0.556	0.5890	0.6055	0.6209
broadband_subscription_(percent_of_pop)	0.8483	0.859	0.8938	0.9222	0.9220
bg_pop_percent_white	0.0462	0.136	0.2447	0.3652	0.3713
bg_pop_percent_hispanic	0.5736	0.376	0.2768	0.1682	0.1638
bg_pop_percent_asian	0.2676	0.244	0.2589	0.2844	0.3109
bg_percent_prop_households_renter_occ	0.5697	0.407	0.3128	0.2843	0.2573
bg_percent_prop_households_owner_occ	0.4303	0.593	0.6872	0.7157	0.7427
bg_med_income	61821.5000	88862.000	105313.0000	119565.0000	133851.0000
bg_med_home_value	523800.0000	647450.000	775300.0000	865500.0000	891200.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	33.9000	37.000	37.6000	39.2500	41.6000
bg_ed_percent_college_educated	0.2133	0.370	0.5132	0.5635	0.5754

Illegal Dumping

All MySanJose Platforms

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.0000	16.0000	55.0000	490.0000
linguistic_isolation_(percent_households)	0.0311	0.0371	0.0588	0.0951
cellular_data_subscription_(percent_of_pop)	0.6734	0.6205	0.6050	0.5791
broadband_subscription_(percent_of_pop)	0.9346	0.8773	0.9150	0.8878
bg_pop_percent_white	0.5092	0.4525	0.3894	0.2201
bg_pop_percent_hispanic	0.1038	0.1412	0.1744	0.2721
bg_pop_percent_asian	0.3870	0.2456	0.2799	0.2651
bg_percent_prop_households_renter_occ	0.1935	0.2124	0.2318	0.3432
bg_percent_prop_households_owner_occ	0.8065	0.7876	0.7682	0.6568
bg_med_income	156299.5000	137727.0000	125625.0000	102700.0000
bg_med_home_value	1418050.0000	926050.0000	851400.0000	757550.0000
bg_med_age	48.7500	41.3500	39.6000	37.4000
bg_ed_percent_college_educated	0.7741	0.6607	0.5603	0.5006

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.000	36.0000	89.0000	192.000	234.000
linguistic_isolation_(percent_households)	0.105	0.0556	0.0512	0.106	0.106
cellular_data_subscription_(percent_of_pop)	0.653	0.6288	0.6318	0.576	0.571
broadband_subscription_(percent_of_pop)	0.961	0.9288	0.9220	0.885	0.872
bg_pop_percent_white	0.162	0.4282	0.3894	0.190	0.211
bg_pop_percent_hispanic	0.233	0.1692	0.1851	0.299	0.313
bg_pop_percent_asian	0.347	0.3115	0.2773	0.258	0.268
bg_percent_prop_households_renter_occ	0.584	0.2008	0.2164	0.324	0.408
bg_percent_prop_households_owner_occ	0.416	0.7992	0.7836	0.676	0.592
bg_med_income	81997.000	120144.5000	130341.0000	99271.000	95508.000
bg_med_home_value	948900.000	920600.0000	856250.0000	708400.000	717100.000
bg_med_age	36.200	44.1000	39.3000	37.250	36.700
bg_ed_percent_college_educated	0.357	0.5766	0.5966	0.476	0.461

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	282.000	125.0000	41.0000	14.0000	7.0000
linguistic_isolation_(percent_households)	0.135	0.0688	0.0572	0.0684	0.0213
cellular_data_subscription_(percent_of_pop)	0.562	0.5970	0.6455	0.6266	0.6893
broadband_subscription_(percent_of_pop)	0.870	0.9049	0.9353	0.9300	0.9270
bg_pop_percent_white	0.153	0.3310	0.4046	0.3222	0.6217
bg_pop_percent_hispanic	0.357	0.2191	0.1925	0.1843	0.1114
bg_pop_percent_asian	0.273	0.2414	0.2365	0.4003	0.1986
bg_percent_prop_households_renter_occ	0.401	0.2529	0.2217	0.1571	0.0761
bg_percent_prop_households_owner_occ	0.599	0.7471	0.7783	0.8429	0.9239
bg_med_income	92927.500	111719.0000	128226.0000	121786.0000	168333.0000
bg_med_home_value	663650.000	819100.0000	880850.0000	918350.0000	1226000.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	35.900	38.9000	40.9000	44.0000	45.7000
bg_ed_percent_college_educated	0.418	0.5482	0.5965	0.5455	0.6820

General Requests

All MySanJose Platforms

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.000	44.000	73.0000	205.000	256.000
linguistic_isolation_(percent_households)	0.036	0.070	0.0793	0.081	0.095
cellular_data_subscription_(percent_of_pop)	0.545	0.580	0.5921	0.585	0.586
broadband_subscription_(percent_of_pop)	0.908	0.944	0.9150	0.900	0.874
bg_pop_percent_white	0.481	0.134	0.2260	0.241	0.274
bg_pop_percent_hispanic	0.102	0.203	0.1843	0.267	0.280
bg_pop_percent_asian	0.351	0.520	0.3012	0.254	0.240
bg_percent_prop_households_renter_occ	0.109	0.193	0.2771	0.289	0.429
bg_percent_prop_households_owner_occ	0.891	0.807	0.7229	0.711	0.571
bg_med_income	135208.000	133729.000	114728.0000	110956.000	97909.500
bg_med_home_value	995800.000	854200.000	872900.0000	796700.000	717100.000
bg_med_age	44.500	40.100	38.9000	38.600	36.700
bg_ed_percent_college_educated	0.708	0.567	0.5651	0.502	0.501

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	55.0000	114.0000	215.0000	151.0000	31.000
linguistic_isolation_(percent_households)	0.0793	0.0902	0.0951	0.0818	0.057
cellular_data_subscription_(percent_of_pop)	0.6005	0.5746	0.5814	0.5962	0.605
broadband_subscription_(percent_of_pop)	0.9270	0.9143	0.8768	0.8825	0.876
bg_pop_percent_white	0.1732	0.1634	0.2290	0.2973	0.405
bg_pop_percent_hispanic	0.1919	0.2226	0.2957	0.2641	0.246
bg_pop_percent_asian	0.4397	0.3836	0.2321	0.2401	0.195
bg_percent_prop_households_renter_occ	0.1855	0.2991	0.3256	0.4024	0.411
bg_percent_prop_households_owner_occ	0.8145	0.7009	0.6744	0.5976	0.589
bg_med_income	128667.0000	107056.0000	102063.0000	105313.0000	103971.000
bg_med_home_value	891200.0000	811000.0000	729700.0000	746300.0000	902100.000
bg_med_age	40.6000	38.5500	37.0000	36.7000	40.300
bg_ed_percent_college_educated	0.5603	0.5139	0.4724	0.5261	0.570

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	206.0000	247.000	61.000	16.000	7.000
linguistic_isolation_(percent_households)	0.0988	0.081	0.081	0.135	0.106
cellular_data_subscription_(percent_of_pop)	0.5828	0.580	0.597	0.576	0.625
broadband_subscription_(percent_of_pop)	0.8940	0.890	0.899	0.887	0.860
bg_pop_percent_white	0.2157	0.239	0.226	0.163	0.269
bg_pop_percent_hispanic	0.2499	0.270	0.222	0.277	0.227
bg_pop_percent_asian	0.2637	0.272	0.264	0.343	0.225
bg_percent_prop_households_renter_occ	0.3043	0.347	0.323	0.232	0.459
bg_percent_prop_households_owner_occ	0.6957	0.653	0.677	0.768	0.541
bg_med_income	110001.5000	104824.000	97841.000	95260.500	77997.000
bg_med_home_value	795450.0000	758700.000	707800.000	704700.000	1355200.000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	37.3500	37.300	40.100	39.400	36.900
bg_ed_percent_college_educated	0.5101	0.519	0.477	0.447	0.586

Graffiti

All MySanJose Platforms

var	60%-80%	80%-100%
total_census_blocks	6.0000	518.0000
linguistic_isolation_(percent_households)	0.0511	0.0915
cellular_data_subscription_(percent_of_pop)	0.5711	0.5849
broadband_subscription_(percent_of_pop)	0.8460	0.8868
bg_pop_percent_white	0.3677	0.2269
bg_pop_percent_hispanic	0.3187	0.2700
bg_pop_percent_asian	0.1993	0.2668
bg_percent_prop_households_renter_occ	0.7177	0.3385
bg_percent_prop_households_owner_occ	0.2823	0.6615
bg_med_income	93699.5000	104052.0000
bg_med_home_value	728850.0000	761150.0000
bg_med_age	36.6500	37.4000
bg_ed_percent_college_educated	0.5471	0.5006

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	3.000	9.0000	28.0000	55.0000	423.0000
linguistic_isolation_(percent_households)	0.096	0.1211	0.0776	0.0952	0.0905
cellular_data_subscription_(percent_of_pop)	0.532	0.6209	0.5680	0.5827	0.5849
broadband_subscription_(percent_of_pop)	0.824	0.9154	0.9004	0.8674	0.8868
bg_pop_percent_white	0.257	0.0874	0.2439	0.1732	0.2500
bg_pop_percent_hispanic	0.270	0.2680	0.3422	0.3222	0.2581
bg_pop_percent_asian	0.300	0.4100	0.2383	0.2794	0.2623
bg_percent_prop_households_renter_occ	0.387	0.4508	0.2507	0.3614	0.3412
bg_percent_prop_households_owner_occ	0.613	0.5492	0.7493	0.6386	0.6588
bg_med_income	87813.000	79271.0000	107705.0000	89638.0000	105893.0000
bg_med_home_value	822200.000	593150.0000	779800.0000	654700.0000	774250.0000
bg_med_age	40.900	36.0000	39.3500	37.2000	37.4000
bg_ed_percent_college_educated	0.404	0.3782	0.4478	0.4514	0.5187

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	173.000	48.000	20.0000	10.0000	8.0000
linguistic_isolation_(percent_households)	0.135	0.099	0.0955	0.1155	0.0885
cellular_data_subscription_(percent_of_pop)	0.579	0.585	0.5610	0.6089	0.5633
broadband_subscription_(percent_of_pop)	0.862	0.871	0.8951	0.8983	0.9128
bg_pop_percent_white	0.191	0.166	0.2180	0.0928	0.1711
bg_pop_percent_hispanic	0.373	0.346	0.3422	0.2859	0.2101
bg_pop_percent_asian	0.243	0.289	0.2985	0.3605	0.4543
bg_percent_prop_households_renter_occ	0.491	0.347	0.2422	0.3815	0.2030
bg_percent_prop_households_owner_occ	0.509	0.653	0.7578	0.6185	0.7970
bg_med_income	86544.000	89194.000	102590.5000	83542.0000	98850.5000
bg_med_home_value	663650.000	647500.000	779800.0000	596900.0000	885550.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	35.800	37.150	39.5000	36.0000	40.2000
bg_ed_percent_college_educated	0.404	0.434	0.4418	0.3912	0.5451

Streetlight Outage

All MySanJose Platforms

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.0000	5.000	29.0000	516.0000
linguistic_isolation_(percent_households)	0.2651	0.150	0.0588	0.0793
cellular_data_subscription_(percent_of_pop)	0.5220	0.530	0.5860	0.5952
broadband_subscription_(percent_of_pop)	0.8402	0.858	0.8961	0.8990
bg_pop_percent_white	0.0558	0.183	0.2432	0.2691
bg_pop_percent_hispanic	0.5982	0.580	0.2733	0.2308
bg_pop_percent_asian	0.3032	0.283	0.2427	0.2681
bg_percent_prop_households_renter_occ	0.4889	0.245	0.2488	0.3333
bg_percent_prop_households_owner_occ	0.5111	0.755	0.7512	0.6667
bg_med_income	73257.5000	103971.000	121691.0000	107368.0000
bg_med_home_value	528350.0000	698700.000	875100.0000	800900.0000
bg_med_age	37.9000	38.500	38.1000	38.4000
bg_ed_percent_college_educated	0.3275	0.377	0.5820	0.5293

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	83.0000	172.0000	117.000	57.000	54.000
linguistic_isolation_(percent_households)	0.0476	0.0695	0.076	0.106	0.168
cellular_data_subscription_(percent_of_pop)	0.6209	0.6032	0.586	0.583	0.554
broadband_subscription_(percent_of_pop)	0.9251	0.9125	0.879	0.879	0.856
bg_pop_percent_white	0.3346	0.3205	0.281	0.197	0.163
bg_pop_percent_hispanic	0.1397	0.2101	0.270	0.295	0.391
bg_pop_percent_asian	0.3339	0.2856	0.230	0.234	0.265
bg_percent_prop_households_renter_occ	0.2133	0.2685	0.405	0.604	0.480
bg_percent_prop_households_owner_occ	0.7867	0.7315	0.595	0.396	0.520
bg_med_income	128382.0000	117048.5000	102750.000	96389.000	75468.000
bg_med_home_value	934100.0000	827900.0000	758850.000	675700.000	615350.000
bg_med_age	41.4000	39.0000	36.200	35.700	35.900
bg_ed_percent_college_educated	0.6044	0.5394	0.493	0.463	0.352

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	23.000	73.000	140.0000	168.0000	102.0000
linguistic_isolation_(percent_households)	0.140	0.110	0.0718	0.0684	0.0539
cellular_data_subscription_(percent_of_pop)	0.587	0.577	0.5977	0.6013	0.5857
broadband_subscription_(percent_of_pop)	0.861	0.879	0.8965	0.9186	0.9171
bg_pop_percent_white	0.235	0.164	0.2920	0.3290	0.3204
bg_pop_percent_hispanic	0.274	0.334	0.2639	0.2003	0.1535
bg_pop_percent_asian	0.223	0.240	0.2465	0.2911	0.3275
bg_percent_prop_households_renter_occ	0.550	0.509	0.3406	0.2490	0.2334
bg_percent_prop_households_owner_occ	0.450	0.491	0.6594	0.7510	0.7666
bg_med_income	62440.000	98177.000	109678.5000	121988.0000	118833.0000
bg_med_home_value	634250.000	675700.000	811950.0000	854800.0000	901150.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	36.500	35.700	37.4000	40.0000	40.5000
bg_ed_percent_college_educated	0.366	0.493	0.5330	0.5484	0.5658

Pothole

All MySanJose Platforms

var	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	2.000	7.0000	13.000	508.0000
linguistic_isolation_(percent_households)	0.162	0.0904	0.150	0.0818
cellular_data_subscription_(percent_of_pop)	0.564	0.6037	0.510	0.5900
broadband_subscription_(percent_of_pop)	0.846	0.9022	0.811	0.8940
bg_pop_percent_white	0.199	0.1968	0.230	0.2622
bg_pop_percent_hispanic	0.493	0.1165	0.486	0.2473
bg_pop_percent_asian	0.240	0.1712	0.200	0.2637
bg_percent_prop_households_renter_occ	0.371	0.3529	0.608	0.3188
bg_percent_prop_households_owner_occ	0.629	0.6471	0.392	0.6812
bg_med_income	89444.000	158000.0000	93373.000	106454.5000
bg_med_home_value	654650.000	1075000.0000	602250.000	793250.0000
bg_med_age	37.400	40.3000	31.400	38.3000
bg_ed_percent_college_educated	0.360	0.6663	0.337	0.5252

MySanJose Mobile App

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	21.000	89.0000	123.000	94.000	113.0000
linguistic_isolation_(percent_households)	0.081	0.0793	0.081	0.121	0.0985
cellular_data_subscription_(percent_of_pop)	0.590	0.5976	0.583	0.585	0.5628
broadband_subscription_(percent_of_pop)	0.881	0.9087	0.894	0.876	0.8825
bg_pop_percent_white	0.245	0.2695	0.250	0.266	0.2380
bg_pop_percent_hispanic	0.263	0.2581	0.291	0.271	0.2802
bg_pop_percent_asian	0.296	0.2449	0.247	0.234	0.2395
bg_percent_prop_households_renter_occ	0.304	0.3242	0.300	0.376	0.3256
bg_percent_prop_households_owner_occ	0.696	0.6758	0.700	0.624	0.6744
bg_med_income	123750.000	109453.0000	104125.000	96858.000	106534.0000
bg_med_home_value	859550.000	822900.0000	782850.000	685450.000	735150.0000
bg_med_age	38.900	36.8000	38.250	36.300	38.3000
bg_ed_percent_college_educated	0.501	0.5509	0.510	0.465	0.5147

MySanJose Web Platform

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
total_census_blocks	45.000	109.000	112.0000	86.0000	90.0000
linguistic_isolation_(percent_households)	0.141	0.103	0.0826	0.0662	0.0738
cellular_data_subscription_(percent_of_pop)	0.555	0.596	0.5900	0.5973	0.6069
broadband_subscription_(percent_of_pop)	0.866	0.877	0.8941	0.9171	0.9186
bg_pop_percent_white	0.154	0.258	0.2552	0.2870	0.2811
bg_pop_percent_hispanic	0.404	0.316	0.2758	0.2068	0.2135
bg_pop_percent_asian	0.220	0.218	0.2714	0.2567	0.3197
bg_percent_prop_households_renter_occ	0.429	0.356	0.2932	0.3213	0.2891
bg_percent_prop_households_owner_occ	0.571	0.644	0.7068	0.6787	0.7109
bg_med_income	87589.000	95625.000	105651.5000	114391.5000	118399.0000
bg_med_home_value	652850.000	702200.000	790200.0000	857100.0000	827900.0000

var	0%-20%	20%-40%	40%-60%	60%-80%	80%-100%
bg_med_age	36.500	36.200	38.4000	37.1500	40.1000
bg_ed_percent_college_educated	0.393	0.455	0.5254	0.5911	0.5468

Duplicates Analysis

```
data_requests %>%
    mutate(
        date = date(date_created) %>% as.character(),
        latitude = latitude %>% round(digits = 3),
        longitude = longitude %>% round(digits = 3)
    ) %>%
    count(request_creation_year, request_creation_month, service_requested, latitude, longitude, census_
    mutate(latitude = as.character(latitude), longitude = as.character(longitude))
```

```
## # A tibble: 89,486 x 7
##    request_creatio~ request_creatio~ service_request~ latitude longitude
##               <dbl> <ord>            <chr>            <chr>    <chr>
## 1              2019 Feb              Abandoned Vehic~ 37.303   -121.844
## 2              2018 Aug              Abandoned Vehic~ 37.391   -121.863
## 3              2019 May              Abandoned Vehic~ 37.345   -121.877
## 4              2018 Dec              Abandoned Vehic~ 37.303   -121.844
## 5              2018 Jul              Abandoned Vehic~ 37.324   -121.924
## 6              2018 Aug              Abandoned Vehic~ 37.323   -121.798
## 7              2019 Jul              Abandoned Vehic~ 37.29    -121.842
## 8              2019 Jul              Abandoned Vehic~ 37.321   -121.878
## 9              2018 Sep              Abandoned Vehic~ 37.241   -121.813
## 10             2018 Oct              Abandoned Vehic~ 37.324   -121.924
## # ... with 89,476 more rows, and 2 more variables: census_block_id <chr>,
## #   n <int>
```

```
data_requests %>%
    mutate(
        date = date(date_created) %>% as.character(),
        latitude = as.character(latitude),
        longitude = as.character(longitude)
    ) %>%
    filter(
        date == "2019-02-27",
        service_requested == "Abandoned Vehicle",
        latitude == "37.3074934",
        longitude == "-121.8783636",
        census_block_id == "060855031211"
    )
```

```
## # A tibble: 5 x 12
##   mysanjose_refer~ service_request~ incident_source latitude longitude
##   <chr>            <chr>            <chr>           <chr>    <chr>
## 1 190227-000289    Abandoned Vehic~ Web             37.3074~ -121.878~
## 2 190227-000294    Abandoned Vehic~ Web             37.3074~ -121.878~
```

```
## 3 190227-000296    Abandoned Vehic~ Web                    37.3074~ -121.878~
## 4 190227-000317    Abandoned Vehic~ Web                    37.3074~ -121.878~
## 5 190227-000318    Abandoned Vehic~ Web                    37.3074~ -121.878~
## # ... with 7 more variables: date_created <dttm>,
## #   request_creation_year <dbl>, request_creation_month <ord>,
## #   request_creation_weekday <ord>, san_jose_council_district <chr>,
## #   census_block_id <chr>, date <chr>
```

```r
data_requests %>%
    mutate(
        date = date(date_created) %>% as.character(),
        latitude = latitude %>% round(digits = 3),
        longitude = longitude %>% round(digits = 3)
    ) %>%
    distinct(service_requested, latitude, longitude, request_creation_year,request_creation_month, censu
```

```
## # A tibble: 89,486 x 6
##    service_request~ latitude longitude request_creatio~ request_creatio~
##    <chr>               <dbl>     <dbl>            <dbl> <ord>
##  1 Abandoned Vehic~     37.4     -122.             2018 Jul
##  2 Illegal Dumping      37.4     -122.             2018 Jul
##  3 Abandoned Vehic~     37.3     -122.             2018 Jul
##  4 Abandoned Vehic~     37.4     -122.             2018 Jul
##  5 Illegal Dumping      37.2     -122.             2018 Jul
##  6 Abandoned Vehic~     37.3     -122.             2018 Jul
##  7 Streetlight Out~     37.2     -122.             2018 Jul
##  8 Streetlight Out~     37.2     -122.             2018 Jul
##  9 Illegal Dumping      37.3     -122.             2018 Jul
## 10 Streetlight Out~     37.4     -122.             2018 Jul
## # ... with 89,476 more rows, and 1 more variable: census_block_id <chr>
```