## District: 1 and Vicinity



District: 2 and Vicinity


District: 3 and Vicinity


District: 4 and Vicinity


District: 5 and Vicinity


User: Loren
Plan Name: WCCCPlan2_v3
Plan Type: WCCCPlan2_v3

## Measures of Compactness Report

Tuesday, December 7, 2021

|  | Reock | Polsby- <br> Popper | Area/Convex <br> Hull |
| :---: | :---: | :---: | :---: |
| Sum | N/A | N/A | N/A |
| Min | 0.24 | 0.09 | 0.52 |
| Max | 0.48 | 0.22 | 0.74 |
| Mean | 0.32 | 0.15 | 0.59 |
| Std. Dev. | 0.10 | 0.06 | 0.09 |
| District | Reock | Polsby- <br> Popper | Area/Convex <br> Hull |
| 1 | 0.24 | 0.14 | 0.52 |
| 2 | 0.28 | 0.09 | 0.54 |
| 3 | 0.34 | 0.20 | 0.60 |
| 4 | 0.48 | 0.22 | 0.74 |
| 5 | 0.26 | 0.11 | 0.56 |

Measures of Compactness Summary

| Reock | The measure is always between 0 and 1, with 1 being the most compact. |
| :--- | :--- |
| Polsby-Popper | The measure is always between 0 and 1 , with 1 being the most compact. |
| Area / Convex Hull | The measure is always between 0 and 1 , with 1 being the most compact. |

User: Loren
Plan Name: WCCCPlan2_v3
Plan Type: WCCCPlan2_v3

# Travel Contiguity 

| Name | Combined \% | Drive \% Walk \% | Max Drive <br> Distance | Max Drive <br> Time | Max Walk <br> Distance |
| :--- | ---: | ---: | ---: | ---: | ---: |
| 1 | $78.2 \%$ | 9.33 | 25.96 |  |  |
| 2 | $83.0 \%$ | 10.93 | 31.16 |  |  |
| 3 | $79.7 \%$ | 5.33 | 18.09 |  |  |
| 4 | $77.1 \%$ | 10.49 | 23.83 |  |  |
| 5 | $88.6 \%$ | 10.34 | 25.62 |  |  |


| Name | 1 |
| :--- | :--- |
| Combined \% | $.0 \%$ |
| Drive \% | $78.2 \%$ |
| Walk \% | $.0 \%$ |
| Max Drive Distance | 9.33 |
| Max Drive Time | 25.96 |
| Max Walk Distance | .00 |



| Name | 2 |
| :--- | :--- |
| Combined \% | $.0 \%$ |
| Drive \% | $83.0 \%$ |
| Walk \% | $.0 \%$ |
| Max Drive Distance | 10.93 |
| Max Drive Time | 31.16 |
| Max Walk Distance | .00 |



| Name | 3 |
| :--- | :--- |
| Combined \% | $.0 \%$ |
| Drive \% | $79.7 \%$ |
| Walk \% | $.0 \%$ |
| Max Drive Distance | 5.33 |
| Max Drive Time | 18.09 |
| Max Walk Distance | .00 |



| Name | 4 |
| :--- | :--- |
| Combined \% | $.0 \%$ |
| Drive \% | $77.1 \%$ |
| Walk \% | $.0 \%$ |
| Max Drive Distance | 10.49 |
| Max Drive Time | 23.83 |
| Max Walk Distance | .00 |



| Name | 5 |
| :--- | :--- |
| Combined \% | $.0 \%$ |
| Drive \% | $88.6 \%$ |
| Walk \% | $.0 \%$ |
| Max Drive Distance | 10.34 |
| Max Drive Time | 25.62 |
| Max Walk Distance | .00 |



User: Loren
Plan Name: WCCCPlan2_v3
Plan Type: WCCCPlan2_v3

## Communities of Interest (Landscape, 11x8.5)

Monday, December 13, 2021

| Elem Zones | District | POP20 | $\%$ |
| :--- | :--- | ---: | ---: |
| Bayview Elementary | 2 | 0 | 0.0 |
| Bayview Elementary | 3 | 5,964 | 54.1 |
| Bayview Elementary | 4 | 5,066 | 45.9 |
| Chavez Elementary | 3 | 4,817 | 100.0 |
| Collins Elementary | 1 | 6,477 | 100.0 |
| Coronado Elementary | 2 | 5,061 | 100.0 |
| Coronado Elementary | 5 | 0 | 0.0 |
| Dover Elementary | 2 | 1 | 0.0 |
| Dover Elementary | 3 | 5,598 | 100.0 |
| Downer Elementary | 3 | 4,278 | 100.0 |
| Ellerhorst Elementary | 1 | 4,332 | 99.6 |
| Ellerhorst Elementary | 4 | 19 | 0.5 |
| Fairmont Elementary | 2 | 0 | 0.0 |
| Fairmont Elementary | 5 | 13,250 | 100.0 |
| Ford Elementary | 2 | 1,815 | 32.6 |
| Ford Elementary | 3 | 3,760 | 67.4 |
| Ford Elementary | 4 | 1 | 0.0 |
| Grant Elementary | 2 | 18 | 0.3 |
| Grant Elementary | 3 | 6,343 | 99.7 |
| Hanna Ranch Elementary | 1 | 100.0 |  |
| Hanna Ranch Elementary | 4 | 0.0 |  |


| Elem Zones | District | POP20 | \% |
| :---: | :---: | :---: | :---: |
| Harding Elementary | 5 | 5,474 | 100.0 |
| Highland Elementary | 2 | 0 | 0.0 |
| Highland Elementary | 3 | 3,074 | 38.2 |
| Highland Elementary | 4 | 4,975 | 61.8 |
| Kensington Elementary | 4 | 18 | 0.3 |
| Kensington Elementary | 5 | 7,392 | 99.8 |
| King Elementary | 2 | 7,757 | 100.0 |
| King Elementary | 3 | 0 | 0.0 |
| Lake Elementary | 2 | 5 | 0.1 |
| Lake Elementary | 3 | 5,788 | 81.7 |
| Lake Elementary | 4 | 1,292 | 18.2 |
| Lincoln Elementary | 2 | 3,368 | 79.1 |
| Lincoln Elementary | 3 | 888 | 20.9 |
| Lupine Hills Elementary | 1 | 9,045 | 100.0 |
| Madera Elementary | 2 | 1 | 0.0 |
| Madera Elementary | 4 | 151 | 1.6 |
| Madera Elementary | 5 | 9,355 | 98.4 |
| Mira Vista School | 2 | 1,407 | 14.1 |
| Mira Vista School | 4 | 115 | 1.2 |
| Mira Vista School | 5 | 8,473 | 84.8 |
| Montalvin Elementary | 1 | 7,091 | 80.1 |
| Montalvin Elementary | 2 | 1,734 | 19.6 |
| Montalvin Elementary | 3 | 7 | 0.1 |
| Montalvin Elementary | 4 | 25 | 0.3 |
| Murphy Elementary | 1 | 260 | 2.6 |


| Elem Zones | District | POP20 | \% |
| :---: | :---: | :---: | :---: |
| Murphy Elementary | 4 | 9,926 | 97.5 |
| Nystrom Elementary | 2 | 8,825 | 100.0 |
| Nystrom Elementary | 3 | 3 | 0.0 |
| Nystrom Elementary | 5 | 0 | 0.0 |
| Ohlone Elementary | 1 | 10,192 | 100.0 |
| Olinda Elementary | 1 | 18 | 0.3 |
| Olinda Elementary | 4 | 5,416 | 99.7 |
| Peres Elementary | 2 | 531 | 9.7 |
| Peres Elementary | 3 | 4,971 | 90.4 |
| Riverside Elementary | 2 | 1,545 | 20.3 |
| Riverside Elementary | 3 | 1,099 | 14.4 |
| Riverside Elementary | 4 | 4,947 | 64.9 |
| Riverside Elementary | 5 | 27 | 0.4 |
| Shannon Elementary | 1 | 5,666 | 89.5 |
| Shannon Elementary | 4 | 664 | 10.5 |
| Sheldon Elementary | 4 | 7,156 | 100.0 |
| Sheldon Elementary | 5 | 0 | 0.0 |
| Stege Elementary | 2 | 7,771 | 85.8 |
| Stege Elementary | 5 | 1,283 | 14.2 |
| Stewart School | 1 | 3,169 | 99.4 |
| Stewart School | 4 | 19 | 0.6 |
| Tara Hills Elementary | 1 | 485 | 5.7 |
| Tara Hills Elementary | 4 | 8,081 | 94.3 |
| Valley View Elementary | 1 | 9 | 0.3 |
| Valley View Elementary | 4 | 3,441 | 99.7 |


| Elem Zones | District | POP20 | \% |
| :--- | :--- | :---: | :--- |
| Verde Elementary | 2 | 1,528 | 23.9 |
| Verde Elementary | 3 | 4,877 | 76.1 |
| Washington Elementary | 2 | 1,435 | 15.1 |
| Washington Elementary | 5 | 8,072 | 84.9 |
| Wilson Elementary | 2 | 8,020 | 86.3 |
| Wilson Elementary | 3 | 1,272 | 13.7 |


| Elem Zones | POP20 Listed by District | \% |
| :--- | ---: | ---: |
|  |  |  |
| District 1 |  |  |
| Collins Elementary | 6,477 | 100.0 |
| Ellerhorst Elementary (part) | 4,332 | 99.6 |
| Hanna Ranch Elementary (part) | 3,968 | 100.0 |
| Lupine Hills Elementary | 9,045 | 100.0 |
| Montalvin Elementary (part) | 7,091 | 80.1 |
| Murphy Elementary (part) | 260 | 2.6 |
| Ohlone Elementary | 10,192 | 100.0 |
| Olinda Elementary (part) | 18 | 0.3 |
| Shannon Elementary (part) | 5,666 | 89.5 |
| Stewart School (part) | 3,169 | 99.4 |
| Tara Hills Elementary (part) | 485 | 5.7 |
| Valley View Elementary (part) | 9 | 0.3 |

District 2

| Bayview Elementary (part) | 0 | 0.0 |
| :--- | ---: | ---: |
| Coronado Elementary (part) | 5,061 | 100.0 |
| Dover Elementary (part) | 1 | 0.0 |
| Fairmont Elementary (part) | 0 | 0.0 |
| Ford Elementary (part) | 1,815 | 32.6 |
| Grant Elementary (part) | 18 | 0.3 |
| Highland Elementary (part) | 0 | 0.0 |
| King Elementary (part) | 7,757 | 100.0 |
| Lake Elementary (part) | 5 | 0.1 |
| Lincoln Elementary (part) | 3,368 | 79.1 |
| Madera Elementary (part) | 1 | 0.0 |
| Mira Vista School (part) | 1,407 | 14.1 |
| Montalvin Elementary (part) | 1,734 | 19.6 |
| Nystrom Elementary (part) | 8,825 | 100.0 |
| Peres Elementary (part) | 531 | 9.7 |
| Riverside Elementary (part) | 1,545 | 20.3 |
| Stege Elementary (part) | 7,771 | 85.8 |
| Verde Elementary (part) | 1,528 | 23.9 |
| Washington Elementary (part) | 1,435 | 15.1 |
| Wilson Elementary (part) | 8,020 | 86.3 |

District 3

| Bayview Elementary (part) | 5,964 | 54.1 |
| :--- | ---: | ---: |
| Chavez Elementary | 4,817 | 100.0 |
| Dover Elementary (part) | 5,598 | 100.0 |
| Downer Elementary | 4,278 | 100.0 |
| Ford Elementary (part) | 3,760 | 67.4 |
| Grant Elementary (part) | 6,343 | 99.7 |
| Highland Elementary (part) | 3,074 | 38.2 |
| King Elementary (part) | 0 | 0.0 |
| Lake Elementary (part) | 5,788 | 81.7 |
| Lincoln Elementary (part) | 888 | 20.9 |
| Montalvin Elementary (part) | 7 | 0.1 |
| Nystrom Elementary (part) | 3 | 0.0 |
| Peres Elementary (part) | 4,971 | 90.4 |
| Riverside Elementary (part) | 1,099 | 14.4 |
| Verde Elementary (part) | $\mathbf{4 , 8 7 7}$ | 76.1 |
| Wilson Elementary (part) | 1,272 | 13.7 |
| District $\mathbf{3}$ Totals | $\mathbf{5 2 , 7 3 9}$ |  |

District 4

| Bayview Elementary (part) | 5,066 | 45.9 |
| :--- | ---: | ---: |
| Ellerhorst Elementary (part) | 19 | 0.5 |
| Ford Elementary (part) | 1 | 0.0 |
| Hanna Ranch Elementary (part) | 0 | 0.0 |
| Highland Elementary (part) | 4,975 | 61.8 |
| Kensington Elementary (part) | 18 | 0.3 |
| Lake Elementary (part) | 1,292 | 18.2 |
| Madera Elementary (part) | 151 | 1.6 |
| Mira Vista School (part) | 115 | 1.2 |
| Montalvin Elementary (part) | 25 | 0.3 |
| Murphy Elementary (part) | 9,926 | 97.5 |
| Olinda Elementary (part) | 5,416 | 99.7 |
| Riverside Elementary (part) | 4,947 | 64.9 |
| Shannon Elementary (part) | 664 | 10.5 |
| Sheldon Elementary (part) | 7,156 | 100.0 |
| Stewart School (part) | 19 | 0.6 |
| Tara Hills Elementary (part) | 8,081 | 94.3 |
| Valley View Elementary (part) | 3,441 | 99.7 |
| District 4 Totals | $\mathbf{5 1 , 3 1 2}$ |  |

District 5

| Coronado Elementary (part) | 0 | 0.0 |
| :--- | ---: | ---: |
| Fairmont Elementary (part) | 13,250 | 100.0 |
| Harding Elementary | 5,474 | 100.0 |
| Kensington Elementary (part) | 7,392 | 99.8 |
| Madera Elementary (part) | 9,355 | 98.4 |
| Mira Vista School (part) | 8,473 | 84.8 |
| Nystrom Elementary (part) | 0 | 0.0 |
| Riverside Elementary (part) | 27 | 0.4 |
| Sheldon Elementary (part) | 0 | 0.0 |
| Stege Elementary (part) | $\mathbf{1 , 2 8 3}$ | 14.2 |
| Washington Elementary (part) | 8,072 | 84.9 |
| District $\mathbf{5}$ Totals | $\mathbf{5 3 , 3 2 6}$ |  |

## Summary Statistics

Number of Elem Zones not split 6
Number of Elem Zones split 30
Number of Elem Zones split in $2 \quad 21$
Number of Elem Zones split in $3 \quad 7$
Number of Elem Zones split in $4 \quad 2$
Total number of splits 71

User: Loren
Plan Name: WCCCPlan2_v3
Plan Type: WCCCPlan2_v3

## Communities of Interest (Landscape, 11x8.5)

Monday, December 13, 2021 3:33 PM

| HS Zones | District | POP20 | $\%$ |
| :--- | :--- | ---: | ---: |
| De Anza | 1 | 287 | 0.6 |
| De Anza | 2 | 0 | 0.0 |
| De Anza | 3 | 9,038 | 18.8 |
| De Anza | 4 | 38,854 | 80.6 |
| De Anza | 5 | 28 | 0.1 |
| El Cerrito | 2 | 3,025 | 6.3 |
| El Cerrito | 4 | 284 | 0.6 |
| El Cerrito | 5 | 45,043 | 93.2 |
| Hercules | 1 | 23,205 | 100.0 |
| Hercules | 4 | 0 | 0.0 |
| JFK | 2 | 40,638 | 70.8 |
| JFK | 3,506 | 14.8 |  |
| JFK | 8 | 27,256 | 14.4 |
| Pinole Valley | 1 | 72.1 |  |
| Pinole Valley | 2 | 7,734 | 4.6 |
| Pinole Valley | 3 | 7 | 0.0 |
| Pinole Valley | 4 | 35,188 | 80.0 |
| Richmond | 2 | 3,364 | 7.7 |
| Richmond | 3 | 12.3 |  |
| Richmond | 4 |  |  |



District 4

| De Anza (part) | 38,854 | 80.6 |
| :--- | ---: | ---: |
| El Cerrito (part) | 284 | 0.6 |
| Hercules (part) | 0 | 0.0 |
| Pinole Valley (part) | 8,809 | 23.3 |
| Richmond (part) | 3,364 | 7.7 |
| District 4 Totals | $\mathbf{5 1 , 3 1 1}$ |  |
| District 5 |  |  |
| De Anza (part) | 28 | 0.1 |
| El Cerrito (part) | $\mathbf{4 5 , 0 4 3}$ | 93.2 |
| JFK (part) | $\mathbf{8 , 2 5 6}$ | 14.4 |
| District 5 Totals | $\mathbf{5 3 , 3 2 7}$ |  |

## Summary Statistics

Number of HS Zones not split 0

Number of HS Zones split 6
Number of HS Zones split in $2 \quad 1$
Number of HS Zones split in 3
Number of HS Zones split in $4 \quad 1$
Number of HS Zones split in $5 \quad 1$
Total number of splits 20

