

## Fresno COG's Sustainable Communities Strategy Scenario Performance Indicator Comparisons

Performance Measure/Indicator	Definition	Scenario A	Scenario B	Scenario C	Scenario D	Status Quo
Greenhouse Gas emission reduction	Percentage of per person greenhouse gas reduction against 2005.	2020: -8.15% 2035: -11.85% 2040: -12.55%	2020: -7.86% 2035: -11.32% 2040: -11.91%	2020: -8.36% 2035: -12.40% 2040: -13.15%	2020: -7.7% 2035: -11.4% 2040: -12%	2020: -6.59% 2035: -7.97% 2040: -8.56%
Housing	Percent of housing by types	Single Family: 44.1% Town Homes: 9.0% Multi-Family: 46.9%	Single Family: 53.1% Town Homes: 9.1% Multi-Family: 37.8%	Single Family: 45.1% Town Homes: 8.3% Multi-Family: 46.6%	Single Family: 36.6% Town Homes: 14.6% Multi-Family: 48.8%	Single Family: 77.7% Town Homes: 7.3% Multi-Family: 15.1%
Residential density	Average housing units per acre of <u>new growth</u>	8.3 Housing Units per acre	7.4 Housing Units per acre	8.5 Housing Units per acre	10.2 Housing Units per acre	4.6 Housing Units per acre
Compact development	Average number of people per acre	27.6 people per acre	21.1 people per acre	24.7 people per acre	31.1 people per acre	13.9 people per acre
Transit-oriented development	Share of the region's <u>growth</u> in households and employment within half-mile of Bus Rapid Transit (BRT)	Housing Units: 27,475 (28.0%) Employment: 35,805 (43.7%)	Housing Units: 20,389 (21.3%) Employment: 29,958 (36.6%)	Housing Units: 26,416 (27.1%) Employment: 34,646 (42.3%)	Housing Units: 33,415 (31.1%) Employment: 43,518 (53.1%)	Housing Units: 5,787 (6.4%) Employment: 9,969 (12.2%)
Land consumption	Acres of land consumed due to new development	11,226 acres	14,675 acres	12,542 acres	9,961 acres	22,308 acres
Important farmland consumed	Total acres of important farmland (prime, unique and state-wide importance) consumed due to new growth	90.6 acres	37.6 acres	27.4 acres	21.3 acres	352 acres
Vehicle Miles Traveled (VMT)	Total Vehicle Miles Traveled (VMT) on a typical day in 2035	Total VMT: 19,789,601 miles Per capita VMT: 15.2 miles Per capita reduction: -11.1%	Total VMT: 19,924,347 miles Per capita VMT: 15.3 miles Per capita reduction: -10.5%	Total VMT: 19,638,153 miles Per capita VMT: 15.1 miles Per capita reduction: -11.8%	Total VMT: 19,878,208 miles Per capita VMT: 15.3 miles Per capita reduction: -10.7%	Total VMT: 20,743,263 miles Per capita VMT: 15.9 miles Per capita reduction: -6.8%
Criteria pollutants emissions	Tons of pollutants released per a typical day in 2035: Carbon Monoxide, Reactive Organic Gases, Nitrogen Oxide, Particulate Matter 10, Particulate Matter 2.5	Carbon Monoxide: 40 tons Reactive Organic Gases: 4.6 tons Nitrogen Oxide: 11.3 tons Particulate Matter 10: 7.9 tons Particulate Matter 2.5: 1.0 tons (All Pass Conformity)	Carbon Monoxide: 40 tons Reactive Organic Gases: 4.6 tons Nitrogen Oxide: 11.4 tons Particulate Matter 10: 7.9 tons Particulate Matter 2.5: 1.0 tons (All Pass Conformity)	Carbon Monoxide: 40 tons Reactive Organic Gases: 4.6 tons Nitrogen Oxide: 11.3 tons Particulate Matter 10: 7.8 tons Particulate Matter 2.5: 1.0 tons (All Pass Conformity)	Carbon Monoxide: 40 tons Reactive Organic Gases: 4.6 tons Nitrogen Oxide: 11.4 tons Particulate Matter 10: 7.9 tons Particulate Matter 2.5: 1.0 tons (All Pass Conformity)	Carbon Monoxide: 41 tons Reactive Organic Gases: 4.8 tons Nitrogen Oxide: 11.6 tons Particulate Matter 10: 8.2 tons Particulate Matter 2.5: 1.0 tons (All Pass Conformity)
Active Transportation and transit travel	Weekday person trips by transit, walk and bike modes	Transit: 49,155 trips Walk: 180,009 trips Bike: 57,065 trips	Transit: 47,202 trips Walk: 175,316 trips Bike: 56,213 trips	Transit: 48,765 trips Walk: 177,172 trips Bike: 56,743 trips	Transit: 51,448 trips Walk: 186,909 trips Bike: 59,302 trips	Transit: 40,650 trips Walk: 138,033 trips Bike: 48,715 trips
Central Theme of Scenario - Proposed by...		Public Input from November 2012 Public Workshop	Current planning assumptions - member agencies	Foothill growth to City of Fresno - RTP Roundtable	Foothill growth to existing communities - Coalition of Community Organizations	