

Provisional

Strategy Analysis -- Selected Characteristics: 2020

Greater Wasatch Area

14-Nov-99

	Measure	Current**	Baseline	Quality Growth Strategy	Differences QGS & Baseline	
					Absolute	Percentage
Demographics/Economics						
Population	Resident Population	1,687,124	2,695,273	2,695,273	0	0.0%
Households	Number of Households	549,889	952,910	952,910	0	0.0%
Employment	Nonagricultural Jobs	841,581	1,368,024	1,368,024	0	0.0%
Land Use						
Total Developed Area	Square Miles	370	695	524	-171	-24.6%
New Developed Area	Square Miles: 98-2020	-	325	154	-171	-52.6%
Agricultural Land Converted to Urban Use	Square Miles: 98-2020	-	143	27	-116	-81.1%
Population Density	Persons Per Residential Acre	6.0	5.6		-5.6	-100.0%
Average Single Family Lot Size	Acres	0.32	0.35	0.29	-0.06	-17.1%
Housing Type						
Single Family	% of Total	71%	75%	60%	-15%	-20.0%
Town House/Duplex	% of Total	4%	4%	13%	9%	225.0%
Apartment/Condo	% of Total	25%	21%	26%	5%	23.8%
Transportation*						
Vehicle Miles Traveled: 10-County Area	Millions	40.7	79.2	76.8	-2.4	-3.0%
VMT Per Capita: 10-County Area	--	25.1	29.3	28.3	-1	-3.4%
Vehicle Miles Traveled: Metro Counties	Millions	-	60.4	57.4	-3	-5.0%
VMT Per Capita: Metro Counties	--	-	26.0	24.8	-1.2	-4.6%
Average Peak Speeds	Miles Per Hour	25.7	20.0	22.5	2.5	12.5%
Average Trip Time	Minutes	18.5	23.2	22	-1.2	-5.2%
Transit Trips	Linked Trips Per Weekday	54,000	120,000	165,000	45,000	37.5%
Transit Share of Work Trips	% of Total	3%	3%	5%	2%	59.4%
Proximity to Rail Transit	Population within Half Mile	-	45,557	608,490	562,933	1235.7%
	% of Total	0.0%	1.7%	22.6%	21%	1235.7%
Air Quality*						
Total Emissions (CO, PM, and O3)	Tons Per Day	1,869	2,634	2,541	-93	-3.5%
Mobile Emissions (CO, PM, O3)	Tons Per Day	-	1,212	1,123	-88.7	-7.3%
Distribution of Emissions	Concentration Index (Lower=Better)	-	0.78	0.79	0.01	0.9%
Population-Pollution Coincidence	Coincidence Index (Lower=Better)	-	2.44	2.53	0.09	3.7%
Water						
Total Demand	Acre Feet	698,800	1,008,800	915,600	(93,200)	-9.2%
Per Capita Use	Gallons Per Day	319	298	267	-31	-10.4%
Conservation	Percent Reduction by 2020	-	6.3%	12.5%	6.3%	100.0%
Infrastructure Costs						
Regional						
Roads	Billions of 1999 Dollars	-	12.587	9.98	(2.6)	-20.7%
Water	Billions of 1999 Dollars	-	0.606	0.545	(0.1)	-10.1%
Transit	Billions of 1999 Dollars	-	0.276	1.728	1.5	526.1%
Total Regional	Billions of 1999 Dollars	-	13.469	12.253	(1.2)	-9.0%
Sub-Regional						
On-Site	Billions of 1999 Dollars	-	11.256	8.218	(3.0)	-27.0%
Roads	Billions of 1999 Dollars	-	2.706	1.916	(0.8)	-29.2%
Water	Billions of 1999 Dollars	-	1.429	1.030	(0.4)	-27.9%
Other	Billions of 1999 Dollars	-	7.121	5.272	(1.8)	-26.0%
Off-Site	Billions of 1999 Dollars	-	1.736	1.461	(0.3)	-15.8%
Roads	Billions of 1999 Dollars	-	0.329	0.260	(0.1)	-21.0%
Water	Billions of 1999 Dollars	-	0.594	0.512	(0.1)	-13.8%
Other	Billions of 1999 Dollars	-	0.813	0.689	(0.1)	-15.3%
Total Sub-Regional	Billions of 1999 Dollars	-	12.992	9.679	(3.3)	-25.5%
Total Regional and Sub-Regional	Billions of 1999 Dollars	-	26.461	21.932	(4.5)	-17.1%
Total Roads	Billions of 1999 Dollars	-	15.622	12.156	(3.5)	-22.2%
Total Water	Billions of 1999 Dollars	-	2.629	2.087	(0.5)	-20.6%
Total Transit	Billions of 1999 Dollars	-	0.276	1.728	1.5	526.1%
Total Other	Billions of 1999 Dollars	-	7.934	5.961	(2.0)	-24.9%

* Congestion, transit, and mobile emission measures are for metro counties only

** Represents the base year for modeling purposes and varies from 1995-1998 among measures

Source: Quality Growth Efficiency Tools Technical Committee, Governor's Office of Planning and Budget