

Appendix 1 – Data Sources and Methodology by Topic Area and Indicator

This appendix contains descriptions of data sources and methodology for each indicator used in this report. It is organized by topic area in the same order as in the body of the report. The only exception is the first appendix section, called “Ecological Footprint,” which relates to Ecological Footprint data found in the introductory paragraph.

Ecological Footprint

The Ecological Footprint measures how much land and water area a human population (a city, a country, an individual, or the entire planet) requires to produce the resources it consumes and to absorb its waste, assuming prevailing technology. The Ecological Footprint methodology is internationally standardized by a global coordinating body, the Global Footprint Network. Ecological Footprint figures are cited from Global Footprint Network 2006 National Accounts, available at http://www.footprintnetwork.org/gfn_sub.php?content=global_footprint.

Waste and Recycling

Tons of Solid Waste Disposed of in Landfills

Data on tons of solid waste generated within Redwood City that is disposed of in landfills is from the California Integrated Waste Management Board annual report for Redwood City, available at <http://www.ciwmb.ca.gov/LGCentral/DRS/Reports/default.asp> under “Waste Flow by Origin Reports” and “Single-Year Countywide Origin Detail,” accessed June 2008. Estimated waste breakdown in El Cerrito is from a telephone conversation with Garth Schultz, City of El Cerrito Recycling Coordinator, June 2008. Per capita figures are based on the U.S. Census Bureau’s 2006 American Community Survey Redwood City population estimate of 78,122 and 2000 Census population estimate of 75,447. Analysis of the cause of solid waste landfill peaks was provided in August 2008 by Allied Waste Regulatory Rate Analyst Jackie Hawley, contactable at Jackie.Hawley@awin.com.

Top Non-Residential Waste Producers

Top non-residential waste producers were provided in August 2008 by Allied Waste Regulatory Rate Analyst Jackie Hawley, contactable at Jackie.Hawley@awin.com.

Residential Waste Generation and Diversion Rate in Tons

Data on residential waste make-up and diversion rate is calculated for the year and is from Allied Waste, the residential waste service provider for Redwood City. Data was provided in July 2008 by Allied Waste District Controller Rich Lanser, contactable at rich.lanser@awin.com. Analysis of recycling rates was provided in August 2008 by Allied Waste Regulatory Rate Analyst Jackie Hawley, contactable at Jackie.Hawley@awin.com.

Backyard Composting Bins Distributed

Data on number of backyard composting bins distributed is from San Mateo County, accessed June 2008 at <http://www.recycleworks.org/compost/>, with assistance by Jacqueline Rosine, Composting Coordinator for San Mateo County and the Recycle Works program. Figures for the number of households are from the U.S. Census Bureau. Assessment and estimates of the effect of backyard composting are based on conversations with Garth Schultz, City of El Cerrito Recycling Coordinator, July 2008.

Water Use and Quality

Total Gallons of Potable Water Used per Year

Information on active water connections is as of December 31 for the second year in the split year (i.e. the first record is for 12/31/99 and the last record is for 12/31/08). Data on total water use and number of active water connections is courtesy of Justin Ezell, Redwood City Public works, contactable jezell@redwoodcity.org.

Total Gallons of Water Recycled and Used per Year

Data on gallons of water recycled and used, and amount projected to be used in 2008, was supplied by Justin Ezell at the City of Redwood City in June 2008. The 50 million gallons reported by the city as recycled in 2007 differs from the 30.4 gallons of water reported as “saved” in the Sustainable San Mateo County Report *Indicators for a Sustainable San Mateo County Twelfth Annual Report Card*, April 2008, p. 62. The 50 million figure was included because it was supplied directly by Justin Ezell at the City.

Total Gallons of Water Used per Year for Large Landscape Projects

Data on gallons of water used for large landscape projects was supplied by Justin Ezell at the City of Redwood City in June 2008. Information on amount saved in 2006 against a baseline year of 2002 and on reductions achieved at various sites is cited from the Sustainable San Mateo County Report *Indicators for a Sustainable San Mateo County Twelfth Annual Report Card*, April 2008, p. 62.

Air Quality and Air Pollution

Number of Days of California Standard for Ozone and PM₁₀

Data on the number of days the Redwood City testing station recorded an exceedance of the California standard for ozone or PM₁₀ is from the Bay Area Air Quality Management District, Annual Bay Area Air Quality Summaries, available at http://www.baaqmd.gov/pio/aq_summaries/index.htm. 2007 figures are preliminary and could be adjusted in the future by the BAAQMD. The PM₁₀ figure is for PM 10 sampled every sixth day (with percentage of days based on an approximation of 60.8 days monitored per year) using the

state max 24-hr. standard. The ozone figure is sampled every day (with percentage of days based on 365 days monitored per year) using the max 1-hr. state standard Sustainable San Mateo County assisted with this indicator.

Residential-Zoned Parcels within ¼ Mile of Freeways or Freeways and Truck Routes

Information on residential parcels within ¼ mile of freeways or freeways and truck routes is based on current City of Redwood City GIS data as of June 2008, provided courtesy of Redwood City GIS specialist Stephen De Jong, contactable at sdejong@redwoodcity.org.

Contaminated Sites

Total Contaminated Sites

Data on number of total contaminated sites is comprised of the total number of sites (or open cases) found in the California State Water Resources Control Board's Geotracker database for Leaking Underground Fuel Tanks (LUFT) and sites in California's Spills, Leaks, Investigations, and Cleanups (SLIC) program, available at <http://geotracker.swrcb.ca.gov/>. 2008 data includes only activity before 5/30/08. The California State Water Resources Control Board reports data that is tracked by the San Francisco Regional Water Quality Control Board. Sustainable San Mateo County assisted with this indicator. A list by location of the contaminated sites tracked in this indicator is shown in the table below.

Table 35: Contaminated Sites

Site Number	Site Name	Address
State-designated Leaking Underground Fuel Tank (LUFT) Sites		
1	5TH AVE SERVICE	795 5TH
2	A-1 RENTAL COMPANY	1125 ARGUELLO
3	ALOHA STATE FLOWERS, INC.	1260 MARSHALL
4	ARCO #0306	1700 MIDDLEFIELD
5	ARCO #0642	504 WHIPPLE
6	ARCO #6023	1801 WOODSIDE
7	BEACON MOBIL 10-K5E	1101 BROADWAY
8	BEALS-MARTIN & ASSOCIATES	2658 SPRING
9	BENEQUITY (FORMER TEXACO)	820 WOODSIDE
10	BROADWAY PRODUCE & FLOWERS	1870 BROADWAY
11	C & B CONSTRUCTION (FORMER)	438 STANFORD
12	CANADA COLLEGE	4200 FARM HILL
13	CARGILL SALT	UNKNOWN SEAPORT BLVD
14	CHEVRON 9-4512	585 WHIPPLE
15	COOKS AUTO BODY	1104 MAIN
16	DAVIES CHEVROLET	1101 EL CAMINO REAL

17	EGGLI LANDSCAPING	19 STEIN AM RHEIN
18	FIRE STATION #1 (FORMER)	1036 MIDDLEFIELD
19	GRADE SEPARATION	923 JEFFERSON
20	GRANITE ROCK COMPANY	365 BLOMQUIST ST
21	GRANT YARD, S.M.C.	752 CHESTNUT
22	L & L LANDSCAPE SERVICE	1995 BAYSHORE
23	LSG PROPERTIES	820 VETERANS
24	LUCKY STORE #15	UNKNOWN JEFFERSON AVE & EL CAMINO REAL
25	MALIBU GRAND PRIX	340 BLOMQUIST
26	MARINA PUMP STATION	473 SEAPORT
27	MOHAWK PETROLEUM STATION 307542 (FORMER)	1001 MAIN
28	OAK KNOLL STATION	590 CANYON
29	OLYMPIAN - WINSTON TIRE	535 WHIPPLE
30	PENINSULA BLDG SUPPLY	109 SEAPORT
31	PILOT PETROLEUM CORPORATION	475 SEAPORT BLVD
32	REDWOOD CITY ELECTRIC	114 HAZEL
33	REDWOOD MOTOR COURT	3706 ROLISON
34	REDWOOD PLAZA FEDERAL MOGUL	UNKNOWN UNKNOWN
35	REDWOOD PLAZA SHOPPING CENTER	1200 BROADWAY
36	RITZ CLEANERS	37 JAMES AVE
37	SEQUOIA LAUNDRY & CLEANERS, FORMER	55 PERRY
38	SHELL OIL	690 VETERANS
39	SHELL SERVICE STATION	2108 ROOSEVELT
40	SHELL STATION	1667 WOODSIDE
41	SHELL	639 WHIPPLE
42	SHELL, FORMER (HARRY'S HOFBRAU)	1909 EL CAMINO REAL
43	SHELL, FORMER/KENNEDY AUTO	1026 EL CAMINO REAL
44	SILVA PROPERTY	836 WILLOW
45	SMCO MOTOR POOL	590 HAMILTON
46	TEMPORARY CITY HALL	1020 MIDDLEFIELD
47	TEXACO 211284, FORMER	150 EL CAMINO REAL
48	TEXACO/EXXON RC	503 WHIPPLE
49	TOSCO #3810 (FORMER UNOCAL)	844 5TH
50	TOSCO #6896 (FORMER UNOCAL)	699 EL CAMINO REAL
51	TOUCHLESS CARWASH	215 EL CAMINO REAL
52	UNOCAL #0060 (FORMER)	2653 BROADWAY
53	USA INDEPENDENT	3139 JEFFERSON
54	WOODSIDE GAS MART	895 WOODSIDE
State-designated Spills, Leaks, Investigations, and Cleanups (SLIC) sites		
55	800 CHESTNUT (ROHM AND HAAS)	800 CHESTNUT STREET

56	850 JEFFERSON	850 JEFFERSON AVE
57	AMPEX PROPERTY	401 BROADWAY, DOUGLAS AVE & BAY RD
58	BEACH CLEANERS	2537 EL CAMINO REAL
59	BRADFORD STREET PARCELS	0 BRADFORD
60	CALTRANS MAINTENANCE FACILITY	2501 BAYSHORE
61	CULVERT REALIGNMENT	1017 MIDDLEFIELD
62	DEAN'S ANODIZING HODGESON CONSTRUCTION	819 BURLINGAME AVE
63	DEMMA PARCEL	112 CEDAR
64	FASHION CLEANERS	336 WOODSIDE PLAZA
65	FEDERAL MOGUL SITE (FORMER)	1301-1501 BROADWAY
66	FONTWERTH ENTERPRISES	1831 BAYSHORE
67	FREE FLOW PACKAGING	1093 CHARTER ST
68	HELEN'S CLEANERS	1594 WOODSIDE
69	MEZES COURT	950 MAIN
70	ON BROADWAY PARKING STRUCTURE	850 JEFFERSON AVENUE
71	ORCHARD SUPPLY HARDWARE	UNKNOWN MIDDLEFIELD & WOODSIDE RD
72	PORT OF REDWOOD CITY	775 SEAPORT
73	RAMIREZ/BAYSHORE PROJECT	N/O 1903 BAYSHORE
74	ROBISON PROPERTY	827 EL CAMINO REAL
75	ROY'S DRY CLEANERS	1100 EL CAMINO REAL
76	RUST PROPERTY	925 MAIN
77	SEQUOIA STATION	EL CAMINO REAL AND SEQUOIA STATION SHOPP
78	STULSAFT PARK	3700 FARMHILL
79	TYCO ENGINEERED PRODUCTS	2201 BAY ROAD
80	WESTPORT LANDFILL	
81	WILLIARD PRODUCTS	70 CHEMICAL WAY
82	ZACCOR CORP	UNKNOWN 5TH & MIDDLEFIELD ST
83	ZACCOR CORPORATION	823 ARGUELLO ST

Transportation

VMT

The source for VMT in Redwood City is the Bay Area Metropolitan Transportation Commission, 2007 estimate. VMT data is only available for the county, so the Redwood City VMT estimate is based on an estimate of Redwood City's proportion of the San Mateo County population. VMT is estimated at 1,810,000 per day and 660,526,000 VMT per year, assuming a 365 day year. Redwood City's population for the VMT share calculation and the VMT per capita calculation is assumed to be 78,122, which is the U. S. Census Bureau's 2006 American Community survey estimate of Redwood City population, at <http://www.census.gov>. County figures assume the MTC 2007 VMT estimate for San Mateo County of 17,220,200, a 365 day year, and U.S. Census Bureau's 2006 American Community Survey estimate of San Mateo

County population at 705,499. The National per capita VMT estimate is based on the 2007 national VMT estimate of 3,014,116 million (3.01 trillion) from the U.S. Department of Transportation, Bureau of Transportation Statistics, Table 1-33 from *National Transportation Statistics 2008*, accessed June 2008 at http://www.bts.gov/publications/national_transportation_statistics/pdf/entire.pdf, and on the U.S. Census Bureau's 2006 American Community Survey estimate of total U.S. population of 299,398,485, at <http://www.census.gov>.

Redwood City Residents Journey to Work Mode Split and Redwood City Workers Journey to Work Mode Split

Redwood City residents journey to work mode split (workers 16 years and over) is from the 1990 and 2000 U.S. Census and was accessed at <http://factfinder.census.gov> in June 2008. Redwood City workers journey to work mode split (workers 16 years and over) is from the 2000 U.S. Census and was accessed at <http://factfinder.census.gov> in June 2008. 2000 mode split Census data is within the margin of error of the U.S. Census Bureau's 2005 and 2006 American Community Survey's estimate of Mode Split. Therefore, it is not possible to determine based on American Community Survey data how journey to work mode split is changing since 2000.

Train Boardings per Weekday in Redwood City

Historic Caltrain passenger boardings is from the Caltrain table "Caltrain Weekday Station Passenger Boardings – 1992 and 1995 through 2007," accessed in June 2008 at http://www.caltrain.com/caltrain_ridership_2007.html. Train stops in Redwood City per weekday is from Caltrain.com, accessed June 2008. Analysis of the reasons for increased train boardings is courtesy of Sam Tabibnia, Transportation Consultant for Fehr and Peers, August 2008, contactable at s.tabibnia@fehrandpeers.com.

Buses and Bus Boardings per Weekday in Redwood City

This data was supplied by Samtrans in April 2008. This is an estimate for Redwood City since boardings are only available by bus route, and many bus routes pass through other cities in addition to Redwood City. Buses per Day in Redwood City on Weekdays is from Samtrans.com, accessed May 2008. "Buses per day in Redwood City on Weekdays" means total count for each time 1 bus completes 1 route (i.e. a route that has a bus come every hour over a 16 hour period would count as 16 buses), and includes both directions, meaning it is the number of times a bus passes a certain point.

Miles of Bicycle Facilities

Miles of bicycle facilities was determined by Fehr and Peers Transportation Consultants in June 2008, using GIS data from 511.org and the City of Redwood City, as well as Fehr and Peers fieldwork.

Energy and Greenhouse Gas Emissions

City-wide Greenhouse Gas Emissions and Energy Use

Data on Redwood City city-wide greenhouse gas emissions and energy use is from the Redwood City Inventory of Community Greenhouse Gas Emissions in 2005. Per capita is based on the U.S. Census Bureau's 2006 American Community Survey estimate of Redwood City's population of 78,122, as elsewhere in this report. Inventory data from San Mateo, Hercules, and El Cerrito is from greenhouse gas inventories prepared by those respective cities. As of June 2008, the Hercules Inventory was an administrative draft, being prepared by the authors of this Redwood City Sustainability Existing Conditions report, and planned to be released in final form in the summer of 2008. The El Cerrito and San Mateo inventories have been adopted by both cities, respectively, and are available upon request to the city.

Building Sector Greenhouse Gas Emissions by Selected City

Data on the building sector profiles of Redwood City, Hercules, San Mateo, and El Cerrito are taken from their respective Greenhouse Gas Inventories, as described above under the heading "City-wide Greenhouse Gas Emissions and Energy Use."

Watts of Solar Energy Capacity Installed Annually

Data is from the California Energy Commission, accessed June 2008 at http://www.energy.ca.gov/renewables/emerging_renewables/index.html. Total watts of energy consumed in the city is from the indicator "City-wide Greenhouse Gas Emissions and Energy Use," from the Redwood City greenhouse gas emissions inventory, and was calculated by converting 4,077,835 MMBtu to watts. Joe Rois at Sustainable San Mateo County assisted with data for this indicator.

Mix of the City's Energy Supply

PG&E generates or purchases power from a variety of sources, including hydropower, wind, solar, nuclear and fossil fuel sources. Once electricity enters the PG&E grid, it is not possible to distinguish between "renewable" or "non-renewable" electricity. Therefore, it is PG&E's assumption that all electricity that flows to individual customers (both inside and outside of Redwood City) has roughly the same ratio of renewable to non-renewable sources.

Information on PG&E's energy mix is taken from its 2004, 2005, and 2006 corporate sustainability reports, accessed July 2008 at http://www.pgecorp.com/corp_responsibility. Information about PG&E's approach to quantifying "renewable" vs. "non-renewable" sourced energy and about recent PG&E activity securing additional solar and wind power sources is courtesy of Erich Nolan, PG&E License Coordinator for Hydro Power Generation, contactable at 415-973-0344 or on email at edn3@PGE.COM. Information on greenhouse gas emissions resulting from PG&E power generation vs. U.S. or California average power generation is cited in the 2006 P,G,&E corporate responsibility report, as cited above; U.S. and California data is from the U.S. E.P.A., eGRID Version 2.1, updated April 2007, and P,G&E data is from 2005, from

its third-party verified accounting registered with the California Climate Action Registry. The 2006 PG&E corporate responsibility report, as cited above, lists 2006 renewable energy sources as biomass (32%), small California-eligible hydroelectric (35%) geothermal (20%), wind (11%), biogas (2%) and solar (less than 1%).

Green Buildings

Number of LEED-Certified Buildings

Data on number of green buildings in Redwood City is from the *Cool Cities Staff Report January 22, 2007*, courtesy of Malcom Green. Data on green buildings in San Mateo County is from *Indicators for a Sustainable San Mateo County Eleventh Annual Report Card 2007*, p. 75, from Sustainable San Mateo County.

Green Business and Operations

Number of Businesses Certified by the Bay Area Green Business Program

Data on certified green business is as of August 2008, and is provide by the Redwood City City Manager's office, at http://www.redwoodcity.org/manager/initiatives/green_business.html.

Green municipal procurement standards

Data on commuter checks sold is from the City Manager's Department and Cool Cities Staff Report, January, 22_2007.

Municipal Employee Participation in Commute Alternative Program

Calculation of employee participation in the Commute Alternative Program is an estimate based on the number of commuter checks sold as part of the program. Data on commuter checks sold is from the City Manager's Department and Cool Cities Staff Report, January, 22_2007, courtesy of Malcom Smith and Debbie Matruura, Redwood City Commute Alternatives Team representatives.

Urban Ecology

Number of New Trees Planted Annually on City Property

Information on street trees planted by the city is from the Redwood City Public Works Department, courtesy of Mike Gibbons, Superintendent.

Number of Community and School Gardens

Information on community and school gardens is from the Redwood City School District and Sequoia Union High School District. Information on the community garden at the Saint Francis Center is from the St. Francis Center, accessible at <http://www.stfrancisrwc.org/>.

Miles of Creeks by Type

Information on miles of creeks by type is based on current City of Redwood City GIS data as of June 2008, provided courtesy of Redwood City GIS specialist Stephen De Jong, contactable at sdejong@redwoodcity.org.

Residential-Zoned Parcels within ¼ Mile of Parks

Information on number of residential parcels within ¼ mile of parks is from city GIS data, as of June 2008, provided courtesy of Redwood City GIS specialist Stephen De Jong, contactable at sdejong@redwoodcity.org.

Acres of Parks and Acres of Parks per 1,000 Residents

Acres of parks per 1,000 residents was provided in June 2008 by the Redwood City Parks, Recreation, and Community Services Department, courtesy of Gary Hoover, Superintendent, contactable at ghover@redwoodcity.org or (650) 780-7246. This includes all active community park area within Redwood City, including mini parks, neighborhood parks, community parks, special use parks, and sport and recreational space on the property of publicly owned schools in Redwood City.

Acres of Publicly-Owned Open Space for Passive Outdoor Recreation

Acres of Publicly-Owned Open Space for Passive Outdoor Recreation includes land owned by the city or other public entities that is available for public use within the city limits. Information was provided in June 2008 by the Redwood City Parks, Recreation, and Community Services Department, courtesy of Gary Hoover, Superintendent, contactable at ghover@redwoodcity.org or (650) 780-7246.

Health

Overweight

Information on overweight and obesity rates in San Mateo County is from the Healthy Community Collaborative of San Mateo County's 2008 *Community Assessment: Health and Quality of Life in San Mateo County*, available at <http://www.plsinfo.org/healthysmc/pdf/2008ExecSummCommunityAssessment.pdf>

Healthy Behaviors

Information on healthy behaviors in San Mateo County is from the Healthy Community Collaborative of San Mateo County's 2008 *Community Assessment: Health and Quality of Life in San Mateo County*, available at <http://www.plsinfo.org/healthysmc/pdf/2008ExecSummCommunityAssessment.pdf>. The Healthy Community Collaborative of San Mateo County's 2008 survey defines the following criteria for "exhibiting multiple healthy behaviors:" "does not smoke cigarettes," "is not overweight," "exercises at least 3 times per day," and "eats 5 or more servings of fruits and vegetables per day."

Percentage of 5th, 7th, and 9th Grade Students Meeting All Physical Fitness Test Standards

Information on percentage of students meeting physical fitness test standards is from California Department of Education DataQuest, accessed at <http://data1.cde.ca.gov/dataquest/> (on 4/21/08 for grade 7 and on 07/07/08 for grades 5 and 9). The California Physical Fitness Test measures six areas of fitness: upper body strength, flexibility, aerobic capacity, body composition, abdominal strength, and trunk strength.

Number of Fruit and Vegetable Vendors

Data on the number of fruit and vegetable vendors in Redwood City is from the San Mateo County Health Department, courtesy of Sara T. L. Meyer, August 2008, contactable at smayer@co.sanmateo.ca.us. Information on the Retail Food Environment Index in California is from *Searching for Healthy Food: The Food Landscape in California Cities and Counties*, California Center for Public Health Advocacy, January 19, 2007.

Number of Farmer's Markets

Information on the Farmers' Markets in San Mateo County is available at, <http://members.kaiserpermanente.org/redirects/farmersmarkets/in-northern-california.htm>; <http://www.rwckfm.org/>; and <http://www.sigonas.com/>. Number of Farmer's Markets certified by the state government is available through the California Department of Agriculture Weights and Measures, available at http://www.co.sanmateo.ca.us/smc/department/esa/home/0,,5514828_5516829_728783784,00.html.

Residential-Zoned Parcels Within ¼ mile of Schools

Information on proximity of residential parcels to grocery stores is based on current City of Redwood City GIS data as of June 2008, provided courtesy of Redwood City GIS specialist Stephen De Jong, contactable at sdejong@redwoodcity.org.

Retail alcohol outlets within ¼ mile of Schools

Data on retail alcohol outlets within ¼ mile of schools is from the City of Redwood City.

Education and Child Care

Percentage of Schools Meeting State Academic Performance Index Targets

Information on percentage of schools meeting targets is publicly available at <http://dq.cde.ca.gov/dataquest/page2.asp?level=School&subject=APII>, and was accessed June 2008. Schools tracked, by District were:

- From Belmont-Redwood Shores Elementary District: Sandpiper Elementary
- From Redwood City Elementary District: Adelante Spanish Immersion, Clifford Elementary, Cloud (Roy) Elementary, Fair Oaks Elementary, Ford (Henry) Elementary, Garfield Charter, Gill (John) Elementary, Hawes Elementary, Hoover Elementary, North Star Academy, Orion Alternative, Roosevelt Elementary, Selby Lane Elementary, Taft Elementary, Kennedy (John F.) Middle School, McKinley Institute of Technology, Newcomer Academy.
- From Sequoia Union High District: Carlmont High, Menlo-Atherton High, Sequoia High, Summit Preparatory Charter High, Woodside High.
- Data does not include Ralston Middle School.

Though there were 23 public schools from 2005-2007, data was not available for Summit Preparatory Charter High or Newcomer Academy in 2005 and 2006, and therefore this data was not included.

Percent of Students Completing Coursework Qualifying them for State University Admittance

Data is from the State of California Department of Education, California Basic Educational Data System, and was accessed 11/01/06 at <http://www.cde.ca.gov/> as cited on www.kidsdata.org. “Percent of students completing coursework qualifying them for state university admittance” is the percentage of public school 12th grade graduates completing courses required for University of California (UC) and/or California State University (CSU) entrance, with a grade of "C" or better. Course completion represents only a portion of the entrance requirements for UC or CSU; not all students complete the other requirements, including taking ACT or SAT tests and maintaining an adequate overall grade point average.

Percent of Students Passing the Mathematics Section of the California High School Exit Exam

Results from the High School Exit Exam are available from the California Department of Education, access 09/04/2007 at <http://www.cde.ca.gov> as cited on www.kidsdata.org.

Percent of 3rd Graders Testing Above the 50th Percentile

This indicator data is taken from the Redwood City Elementary School District CAT/6 exam, available from the California Department of Education, Standardized Testing and Reporting, accessed on 9/20/07 at <http://star.cde.ca.gov> and cited at www.kidsdata.org. Data reflects the number of public school third grade students testing at or above the 50th percentile ranking nationally in reading, based on scores from Redwood City Elementary School District in the Standardized Testing and Reporting (STAR) CAT/6 exam.

Financing, availability and enrollment in publicly funded after school programs

Information is from the Redwood City School District and City of Redwood City Parks, Recreation and Community Services Department, and has been compiled by Beth Ross City of Redwood City. Percent of Redwood City 5-12 year olds is from the 2006 American Community Survey dataset for Redwood City, available at www.census.gov/acs. There were an estimated 9,893 5-14 year-olds in Redwood City in 2006.

Annual Redwood City Public Library Expenditures per Capita

Annual Redwood City public library expenditures data is from the California State Library, Library Development Services Bureau statistics, available at <http://www.library.ca.gov/lids/librарystats.html>, provided June 2008 courtesy of Joe Rois at Sustainable San Mateo County.

Child Care Demand and Supply

Data on child care demand is provided by the Child Care Partnership Council of San Mateo County, contactable through Nirmala Dillman, at ndillman@smcoe.k12.ca.us. Analysis of demand and supply by age group, and data on Child Care Spaces in Redwood City by Age Group is supplied by the Redwood City Parks, Recreation, and Community Services Department, courtesy of Kristen Anderson, contactable at KManderson@redwoodcity.org, using data from www.kidsdata.org and the Child Care Partnership of San Mateo County.

Housing Affordability

Language in the section “Why is This Important?” is taken from the Sustainable San Mateo County report *Indicators for a Sustainable San Mateo County Twelfth Annual Report Card*, April 2008, p. 34.

Median Sales Price for a Condominium or Single Family Home

Data on median home or condominium sales price is from the San Mateo County Association of Realtors, provided courtesy of Joe Rois at Sustainable San Mateo County, accessed at http://www.samcar.org/index.cfm/sales_statistics.htm. Figures here are not adjusted for inflation, as they were in the Sustainable San Mateo County report *Indicators for a Sustainable San*

Mateo County Twelfth Annual Report Card, April 2008, p. 34. Information on the percentage of households that can afford an entry-level home is adapted from *Indicators for a Sustainable San Mateo County Twelfth Annual Report Card*, p. 34, and is calculated according to the California Association of Realtors' First-time Buyer Housing Affordability Index for the third quarter of 2007, found at <http://www.car.org/index.php?id+MzgwMTY=>. Median family income estimates are from the U.S. Census Bureau, 2006 American Community Survey, and available in the Redwood City fact sheet at http://factfinder.census.gov/home/saff/main.html?_lang=en. Debbi Jones-Thomas, Housing Coordinator for Redwood City, is the source of the analysis that despite the housing market downturn, single family home prices have remained stable, low and moderate incomes have not risen, and few new people are qualifying for homeownership. Sustainable San Mateo County assisted with this indicator.

Market Average Rent

Market average rent data is from the County of San Mateo Department of Housing, and was provided by Debbi Jones-Thomas, Housing Coordinator for Redwood City, in June 2008. Income data is from the U.S. Census Bureau, 2006 American Community Survey. The definition of “cost-burdened” is from the U.S. Department of Housing and Urban Development. The equation to calculate the income level below which a household would be cost-burdened is as follows: Cost Burdened Income Level x 30% = Market Average Rent x 12(months in a year). Extremely Cost Burdened Income Level x 50% = Market Average Rent x 12(months in a year).

Number of Subsidized Affordable Rental Units in Redwood City

Data on the number of subsidized affordable rental units in Redwood City is from the City of Redwood City Redevelopment Agency, August 2008, courtesy of Debbi Jones-Thomas, contactable at DJones-Thomas@redwoodcity.org. “Number of Subsidized Affordable Rental Units in Redwood City” does not include units purchased through affordability or other assistance programs, and does not include affordable rental or for-sale units that may be available unsubsidized. Table 36 lists units by name and location, and is the source for the indicator number included in this report.

Table 36: Number of Affordable Units and Regulatory Timelines

Project Name	Building Type	# of Affordable Units	Financing	Regulatory Term Agreement	Description
Casa de Redwood 1280 Veterans Blvd Redwood City 94063 053-211-090	Apartments	134	Section 202; Section 236, CDBG. HOME	2/1/2013 Occupied 1972	Senior Housing Project Based Section 8 Owned by Non-profit
City Center Plaza 950 Main Street Redwood City 94063 053-400-030	Apartments	81	Redevelopment Housing Funds, Tax Credits, City Funds	1/17/2028**	Family Housing Owned by Non-profit
Franklin Street Apartments One Maple Street Redwood City 94063 053-176-180	Apartments	31	Privately Financed; OPA	1/17/2028**	Required 15%: 13 Very Low Income & 18 Moderate
Hallmark Apartments	Apartments	72	HOME,	5/22/2058**	11 HOME units w/ preference

Table 36: Number of Affordable Units and Regulatory Timelines

Project Name	Building Type	# of Affordable Units	Financing	Regulatory Term Agreement	Description
531 Woodside Road Redwood City 94063 059-092-290			Redevelopment Housing Funds, Tax Credits		for seniors
Heron Court 350 Gunter Lane Redwood City 94065 095-221-040	Cooperative Apartments	104	Section 221(d)(3), Land Donation, CDBG	3/1/2036	Land Donation Our Note 12/1/2013
Hilton House 606 Hilton Street Redwood City 94063 053-245-340	Shared Housing	6 Bedrooms	49 Year City Land Lease, State HCD RHCP	8/31/2040	City 49 Year Land Lease; HIP owns improvements
Hope Court 1-6 Hope Court Redwood City 94061 113-900-060	Townhomes	6	CDBG, HOME & Private Donations	2020	HOA – Privately owned Self Help Housing developed by Habitat for Humanity
Hope House IV 4th Avenue 926 4th Avenue 055-054-190	Single Family Dwelling	6 beds	CDBG, HOME,	9/2063	Re-entry housing for previously incarcerated
Hope House V Buckingham Avenue 96 Buckingham Ave 054-275-010	Single Family Dwelling	6 beds	CDBG, HOME,	9/2063	Re-entry housing for previously incarcerated
Kainos A & B House 3631 Jefferson Ave Redwood City, CA 94062 057-320-130	Group Home	10	City/County CDBG Land Lease	12/18/2035	Developmentally Disabled City Land Lease; Kainos owns improvements
Kainos Chantal House 1220 Chantal Way Redwood City 94061 111-870-270	Group Home Independent Living	3	State/Golden Gate Regional Center	as long as West Bay holds Title 2099	Developmentally Disabled adults Owned by non-profit
Kainos La Vista 3631 Jefferson Ave Redwood City 94062 057-320-130	Group Home	17	City/County CDBG Deferred Loan	12/18/2035	Developmentally Disabled Land Lease
Kainos Triplex 1209 Chantal Way Redwood City 94061 059-032-020	Group Home	20	City Land Lease	4/19/2037	Developmentally Disabled City Land Lease; Kainos owns improvements
Kainos Wy's House 2033 Jefferson Ave Redwood City 94061 053-011-500	Group Home	5	City/County CDBG	6/12/2028	Owned by Non-profit
Lincoln Townhomes 122-136 Lincoln Avenue Redwood City 94063 053-093-160	Townhomes	8	CDBG, HOME, Redevelopment Agency Housing Funds, Private Donations	2048	HOA – Privately owned Self Help Housing developed by Habitat for Humanity. Occupancy 2008
Peninsula Habitat 278 Madrone Street Redwood City 94061 053-327-010	Single family Dwelling	1	CDBG & Redevelopment Housing Funds	2019	Land Donation; Restricted Resale
Pescadero Apartments 950 Redwood Shores Pky	Apartments	20	City Development Incentive	5/20/2049	Mortgage Revenue Bonds

Table 36: Number of Affordable Units and Regulatory Timelines

Project Name	Building Type	# of Affordable Units	Financing	Regulatory Term Agreement	Description
Redwood City 94065 095-441-010					
Pine Middlefield House 508 Pine Street Redwood City 94063 053-164-140	Shared Housing	6 Bedrooms	49 Year City Land Lease	8/31/2040	City 49 Year Land Lease; HIP owns improvements
Redwood City Commons 875 Walnut Street Redwood City 94063 053-235-010	Apartments	58	Section 221(d)(4)	5/31/2011	Project Based Section 8; Owned by for-profit. At risk of conversion to market rate.
Redwood Court 635 Spruce/622 Chestnut Redwood City 94063 053-253-240 053-251-130	Apartments	27	Section 221(d)(4), Tax Credits, Redevelopment Housing Funds	7/2/2058**	Owned by Non-profit
Redwood Oaks 330-340 Redwood Ave Redwood City 94061 053-271-490	Apartments	36	HOME, Tax Credit, Section 8 Project Based Subsidies	HOME Note 1/14/2032	Owned by Non-profit
Rolison Road Apartments 3272 Rolison Road Redwood City 94063 055-031-240	Apartments	7	CDBG - Trustee Deed Upon Sale	as long as City holds Title 2099	Managed by Third Party Fiscal Agent
Rolison Townhomes 3400 Block of Rolison Rd Redwood City 94063 114-070-190	Townhomes	36	CDBG, HOME, Redevelopment Agency Housing Funds	30 Yrs from Sale 2031-2034	HOA - Privately owned Self Help Housing developed by Habitat for Humanity
Sanchez Way 1234-36 Sanchez Way Redwood City 94061 059-027-040	Group Home	5	State/Golden Gate Regional Center	as long as West Bay holds Title 2099	Developmentally Disabled adults Owned by non-profit
St. Claire Apartments 2683 Marlborough Ave Redwood City, CA 94063 054-265-230	Apartment	24	City County CDBG	11/1/2011	4 units designated for Redwood City; Owned by Non-profit
Villa Montgomery 1500 El Camino Real Redwood City, CA 94063 053-093-150	Apartment	58	CDBG, HOME, Redevelopment Agency Housing Funds, MHP & Tax Credits	4/11/2060**	Owned by Non-profit
Wyndham Place Whipple & Warren St. Redwood City, CA 94061 113-320-070	Condominium	15	Redevelopment Housing Funds, CDBG, HOME	1/17/2028**	HOA - Privately developed under DDA

Table 37: Redwood City Pending City/Redevelopment Affordable Housing Projects

Project Name	Building Type	# of Affordable Units	Financing	Regulatory Term Agreement	Description
Bradford Senior Housing 707 Bradford 052-372-200	Apartment over Childcare	60	Redevelopment Housing Funds, CDBG, HOME	55 years	Environmental Cleanup underway; expect issue of RFP early 2009
Cedar Street Supportive Housing 109-112 Cedar Street 053-188-050	Apartments	16	CDBG, HOME, HUD 811	55 years	General Plan & ReZone approved; DDA underway. Construction to begin in 2008

Homelessness and Homeless Facilities

Data on number of homeless people is from HOPE (Housing Our People Effectively), San Mateo County Human Services Agency. 2007 data is the number of homeless people counted over two days, available in the *San Mateo County Homeless Census and Survey*, at www.redwoodcityhousing.org/pdf/2007_SMCO_Homeless_Census_and_Survey.pdf. 2002-2005 is the number of homeless people counted over one day, and data is at http://www.co.sanmateo.ca.us/vgn/images/portal/cit_609/11/24/563286703Housing_H_L_Context_Presentation-REV12-7-05.pdf. Additional information on the 2007 homeless count is from “First Day of Homeless Tally Turns a Little Tricky,” by Edward Carpenter, *San Francisco Examiner*, January 31, 2007. The 2007 homeless census used three times the number of volunteers as in past efforts, more extensive interviews of private property owners, and homeless guides, and it counted the total number of homeless people located over 2 days instead of 1, as in 2002-2005. Therefore, the number of homeless people counted in 2007 increased dramatically. Future surveys done with this more robust methodology will be comparable to 2007, though year-to-year comparisons will always be inexact. Based on available data, it is not possible to tell what percentage of the San Mateo County population resides in Redwood City.

Data on the number of emergency shelter transitional housing units in Redwood City is from the City of Redwood City Redevelopment Agency, August 2008, courtesy of Debbi Jones-Thomas, contactable at DJones-Thomas@redwoodcity.org. Beds in “Hope House IV” and Hope House V” have already been counted in Table 36, “Number of Affordable Rental Units and Regulatory Timeline;” therefore, to avoid double counting, they are not included in the cited indicator total for shelter beds in Redwood City. In future indicator reports, these beds could arguably be allocated to the “Number of Emergency Shelter Transitional Housing Units” total instead of the “Number of Affordable Rental Units Guaranteed by Regulation” total. Beds in the “Hope House IV” and Hope House V” projects can also be considered shelter beds, but have already been counted in the “Number of Affordable Rental Units Guaranteed by Regulation” indicator. Therefore, to avoid double counting, they are not included in the cited indicator total for shelter beds in Redwood City.

Table 38: Number of Emergency Shelter or Transitional Housing Beds in Redwood City

Project Name	Building Type	# of Shelter Beds	Financing	Regulatory Term Agreement	Description
DayBreak Youth Shelter 639 Douglas Avenue Redwood City, CA 94063 054-231-260	Single Family	10	CDBG	N/A	Transitional housing for youth
Hope House IV 4th Avenue Transitional Housing, 926 4th Avenue 055-054-190	Single Family Dwelling	6 (already included on affordable unit inventory)	CDBG, HOME,	55 Years 8/2063	3 Bedroom Transitional Housing for individuals
Hope House V Buckingham Transitional Housing, 96 Buckingham Ave 054-275-010	Single Family Dwelling	6 (already included on affordable unit inventory)	CDBG, HOME,	55 Years 8/2063	3 Bedroom Transitional Housing for individuals
Maple Street Shelter 1580A Maple Street Redwood City, CA 94063 052-532-020	Commercial	32 Short term, 44 Transitional	CDBG	N/A	Emergency Shelter (short term & Mid Term) for individuals
Redwood Family House 110 Locust Street Redwood City, CA 94061 053-322-160	Apartment	8	CDBG	City holds mortgage	Transitional housing for families
Spring Street Shelter 2686 Spring Street Redwood City, CA 94063 054-181-060	Apartments	45	CDBG	N/A	Emergency Shelter for individuals with disabilities

Civic Engagement

Catalogue of Community-Building Programs and Best Practices

Information on all programs sponsored by the City Manager's Office is courtesy of Malcom Smith at the City Manager's office, and was obtained either directly from the City Manager's Office or on the City Manager's Office website at <http://www.ci.redwood-city.ca.us/manager/initiatives/index.html>, accessed July 2008. All other information is courtesy of Beth Ross, City of Redwood City, contactable at bross@redwoodcity.org.

Catalogue of Community-Building Programs and Best Practices

Data is from the Parks, Recreation and Community Services Department Annual Report July 2006-June 2007, pages 18-20, provided courtesy of Christopher Beth, Parks Recreation and Community Services Department superintendent, contactable at CBeth@redwoodcity.org.

Sense of Community – PACT Survey

Information is averaged from results of 4 PACT community surveys, all completed between 2005 and June 2008, answering the question, "How strong is your feeling of a sense of community in

Redwood City?” Survey results are courtesy of Malcom Smith, Redwood City City Manager’s office.

Sense of Community – Biennial Neighborhood Services Survey

Information is from the Redwood City Neighborhood Services Survey Executive Summary 2003, conducted on behalf of Redwood City by Godbe Research and Analysis. Results reported in the indicator report for resident rating of community groups are drawn from the full result summary below, as published by Godbe Research and Analysis:

“In a follow-up question, respondents were presented with a list of community groups and asked to rate how strongly each group provided them with a sense of community within Redwood City. On a scale of -2 to +2 where -2 represents ‘Very weak’ and +2 represents ‘Very strong’, the area that respondents indicated they felt the strongest sense of community from was ‘Friends living locally’ (0.86). A relatively equal sense of community were reported from ‘Family living closely’ (0.66), ‘Local based hobbies/sports’ (0.62), and ‘Children’s local schools’ (0.61). Respondents were asked if there was any ‘Other’ area of their life in Redwood City from which they derived a sense of community. This question was presented in open-end format, which means respondents were free to mention any source, without being constrained to choose from a list. Residents were also allowed to give more than one response. Thirty nine percent (39%) of the respondents indicated that they felt a sense of community from a source other than those that were presented. Amongst the list of ‘Other’ sources of strength of community ‘City parks and recreation’, ‘Neighborhood’, and ‘Library’ were the three most frequently mentioned (14%, 11%, and 8%, respectively). None of the ‘Other’ sources were mentioned by greater than 15 percent of those who had another source.”

Public Safety

Violent Crime

Violent Crimes data for Redwood City is from the Federal Bureau of Investigation, *Crime in the United States*, accessed July 2008 at <http://www.fbi.gov/ucr/cius2006/rankingmessage.htm>. State data is from the Federal Bureau of Investigation, accessed August 2008 at http://www.fbi.gov/ucr/cius2006/data/table_04.html.

Property Crime

Property Crimes data is from the Federal Bureau of Investigation, *Crime in the United States*, accessed July 2008 at <http://www.fbi.gov/ucr/cius2006/rankingmessage.htm>. State data is from the Federal Bureau of Investigation, *Crime in the United States*, accessed August 2008 at http://www.fbi.gov/ucr/cius2006/data/table_04.html.

Domestic Violence

Domestic violence data is from kidsdata.org, cited from California Department of Justice, Criminal Justice Statistics Center, accessed August 2007 at <http://caag.state.ca.us/cjsc/index.htm>.

Juvenile Arrests

Juvenile Arrests data is from kidsdata.org, cited from State of California Department of Justice, California Criminal Justice Profiles, accessed April 2007 at <http://caag.state.ca.us/cjsc/index.htm>. Percent of Redwood City 10-19 Year old is from the 2005 and 2006 American Community Survey datasets for Redwood City, available at www.census.gov/acs. There were 10,260 10-19 year-olds in Redwood City in 2005 and 10,473 in 2006.