

Appendix D:

Data Sources

Air Cargo	391
Air Quality Index	392
Average Daily Commute Time	383
Capital Outlays and Government Expenditures	394
Consumer Price Index	395
Crime Rate	396
Degrees Awarded	397
Early Childhood Education	398
Educational Attainment	399
Employment and Wages	400
Exports	401
Gross Product	402
Health Insurance Coverage	403
Higher Education – Institutions and Enrollment	404
Homeownership Rate	405
Hospital Beds	406
Housing Opportunity Index	407
Implicit Price Deflator	408
Income Distribution – California Franchise Tax Board	409
Income Distribution – US Department of Commerce, Bureau of Census	410
Initial Public Offerings [number firms and dollars raised]	411
Median Home Prices	412
Median Home Price Sales Data (San Diego)	413
Ozone Exposure (San Diego)	414
Passenger Enplanements	415
Patents	416
Per Capita Income	417
Population	418
Public Transit –Annual Unlinked Passenger Trips	419
Public Transit – Capital Funds Applied	421
Railroad Cargo Tonnage	422
Recycling and Trash Buried (San Diego)	423
Roadway Congestion Index	424
SBIR Awards	425
Tap Water Quality (San Diego)	426
Unemployment Rate	427
University Patent Licensing Revenue	428
Venture Capital [firms funded and dollars invested]	429
Water Quality Index	430
Waterborne Cargo Tonnage	432

Data Procurement Documentation																																																	
Indicator:	Air Cargo																																																
Source:	Airports Council International - annual reports																																																
Source Type:	annual publication																																																
Contact Information:	Airports Council International - North America 1775 K Street, N.W. Suite 500 Washington, DC 20006 http://www.airports.org/ Chris Blevins (202) 293-8500																																																
Data Format:	published report																																																
Method of Procurement:	Request data (copies of annual report) from ACI																																																
Data Complexities:	<p>For each metro, data for the most closely affiliated airport(s) are used</p> <table border="0"> <thead> <tr> <th><i>metro</i></th> <th><i>airport</i></th> <th><i>metro</i></th> <th><i>airport</i></th> </tr> </thead> <tbody> <tr> <td>Atlanta</td> <td>ATL</td> <td>Pittsburgh</td> <td>PIT</td> </tr> <tr> <td>Austin</td> <td>AUS</td> <td>Portland</td> <td>PDX</td> </tr> <tr> <td>Baltimore</td> <td>BWI</td> <td>Raleigh</td> <td>RDU</td> </tr> <tr> <td>Boston</td> <td>BOS</td> <td>Sacramento</td> <td>SMF</td> </tr> <tr> <td>Denver</td> <td>DEN</td> <td>San Diego</td> <td>SAN</td> </tr> <tr> <td>Houston</td> <td>IAH</td> <td>San Francisco</td> <td>SFO</td> </tr> <tr> <td>Miami</td> <td>MIA & FLL</td> <td>San Jose</td> <td>SJC</td> </tr> <tr> <td>Minneapolis</td> <td>MSP</td> <td>Seattle</td> <td>SEA</td> </tr> <tr> <td>Norfolk</td> <td>ORF</td> <td>Tampa</td> <td>TPA</td> </tr> <tr> <td>Orange</td> <td>SNA</td> <td>Wash DC</td> <td>IAD & DCA</td> </tr> <tr> <td>Phoenix</td> <td>PHX</td> <td></td> <td></td> </tr> </tbody> </table> <p>The original data series for 1993 was unavailable. 1993 figures were calculated using 1994 data and the reported rate of change between 1993 and 1994.</p>	<i>metro</i>	<i>airport</i>	<i>metro</i>	<i>airport</i>	Atlanta	ATL	Pittsburgh	PIT	Austin	AUS	Portland	PDX	Baltimore	BWI	Raleigh	RDU	Boston	BOS	Sacramento	SMF	Denver	DEN	San Diego	SAN	Houston	IAH	San Francisco	SFO	Miami	MIA & FLL	San Jose	SJC	Minneapolis	MSP	Seattle	SEA	Norfolk	ORF	Tampa	TPA	Orange	SNA	Wash DC	IAD & DCA	Phoenix	PHX		
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Phoenix	PHX																																																
Comments:	This resource contains both historical and forecast data.																																																
Update Date:	Spring 2002																																																

Data Procurement Documentation	
Indicator:	Air Quality Index
Source:	US Environmental Protection Agency, Air Trends report
Source Type:	annual publication - available in print and online
Contact Information:	Environmental Protection Agency Office of Air and Radiation Ariel Rios Building 1200 Pennsylvania Avenue, NW Washington, DC 20460 http://www.epa.gov
Data Format:	Acrobat Reader documents or published report
Method of Procurement:	http://www.epa.gov Section: Air http://www.epa.gov/ebtpages/air.html Section: "Office of Air and Radiation homepage" http://www.epa.gov/oar/ Section: "Tools and Technical Info" - "Publications" http://www.epa.gov/air/oarpubs.html Section: "Air Quality Trends Report (1999)" http://www.epa.gov/oar/aqtrnd99/ Table: "A-17 Number of Days with AQI Values Greater Than 100 at Trend Sites, 1990 –1999, and All Sites in 1999 " http://www.epa.gov/oar/aqtrnd99/PDF%20Files/tables/a_17.pdf
Data Complexities:	
Comments:	
Update Date:	Complete trends reports are published every two years, and summary reports every year.

Data Procurement Documentation													
Indicator:	Average Daily Commute Time												
Source:	Places Rated Almanac												
Source Type:	annual publication												
Contact Information:	Places Rated Almanac Places Rated Partnership P.O. Box 1327 Gloucester, MA 01931												
Data Format:	published report												
Method of Procurement:	Order publication Section: "Transportation" Table: "Place Profiles: Transportation" - Daily Commute (in minutes)												
Data Complexities:	<p>Places Rated reports data for small urban areas, that do not match all metro areas exactly. In the following cases, multiple areas are combined to represent the metro used for purposes of this project:</p> <table border="0"> <tr> <td><i>metro area sought</i></td> <td><i>areas combined</i></td> </tr> <tr> <td>Boston Metro</td> <td>Boston</td> </tr> <tr> <td>Denver-Boulder-Greeley Metro</td> <td>Boulder-Longmont, Denver</td> </tr> <tr> <td>Miami-Fort Lauderdale Metro</td> <td>Fort Lauderdale, Miami</td> </tr> <tr> <td>Portland-Salem</td> <td>Portland, Salem</td> </tr> <tr> <td>Seattle-Tacoma-Bremerton Metro</td> <td>Seattle, Tacoma</td> </tr> </table> <p>Morning commute time is multiplied by 2.2 to estimate round-trip commute. Places Rated undergoes methodological revisions year to year.</p>	<i>metro area sought</i>	<i>areas combined</i>	Boston Metro	Boston	Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver	Miami-Fort Lauderdale Metro	Fort Lauderdale, Miami	Portland-Salem	Portland, Salem	Seattle-Tacoma-Bremerton Metro	Seattle, Tacoma
<i>metro area sought</i>	<i>areas combined</i>												
Boston Metro	Boston												
Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver												
Miami-Fort Lauderdale Metro	Fort Lauderdale, Miami												
Portland-Salem	Portland, Salem												
Seattle-Tacoma-Bremerton Metro	Seattle, Tacoma												
Comments:													
Update Date:	new edition published annually												

Data Procurement Documentation	
Indicator:	Capital Outlays and Government Expenditures
Source:	US Department of Commerce, Bureau of the Census, Governments Division
Source Type:	database
Contact Information:	Census Bureau Governments Division Washington DC 20233 http://www.census.gov/hhes/www/hlthins.html Donna Hirsch Donna.A.Hirsch@census.gov (301) 457 1486
Data Format:	MS Access
Method of Procurement:	http://www.census.gov Section: "Government" http://www.census.gov/govs/www/index.html Sub-section: "State and Local Government Finances" http://www.census.gov/govs/www/estimate.html File: "Individual Unit File" (for Census years 1992 and 1997)
Data Complexities:	<ol style="list-style-type: none"> 1. The geographical area that makes up a Metropolitan Statistical Area [MSA] is based on population census data. Since there was a population census in 2000, it is most likely the geographical area of some of the MSAs will change when the local government finance census is conducted in 2002.. Care should be taken when compiling the data from the local government 2002 census to take the new MSA boundaries into account. 2. Census data for local governments only contain expenditures by local governments and special districts. Expenditures in a region made directly by the state or federal government in the metropolitan region are not included in the local government expenditures. This has a tendency to underestimate the total amount of expenditures reported by the census and included in this study. For San Diego, it is the reason that Capital Outlays on mass transit are less than Capital Outlays reported by the Federal Transportation Administration. 3. Washington DC metropolitan region contains the District of Columbia government and its expenditures, which are included in the region's Capital Outlays. The District of Columbia government is different from other local governments in that it receives direct funding from the Federal government. In other metropolitan regions, these funds are [typically] funnelled to state government or state agencies and are not included in the local government budget. Thus, the District of Columbia would tend to have Capital Outlays higher than might be observed if it was another local government such as San Diego. 4. The data that appear in the published Census report, "Finances of Special District Governments," may differ from those seen in the Individual Unit File database due to space limitations of the publication. Special Districts with expenditures less than \$10 million and/or total debt outstanding of less than \$20 million were not included in the published document.
Comments:	
Update Date:	Every five years, in September - Data from the 2002 census will be available Sept. 2003

Data Procurement Documentation															
Indicator:	Crime Rate														
Source:	Federal Bureau of Investigation - Uniform Crime Report														
Source Type:	annual publication - available in print and online														
Contact Information:	Federal Bureau of Investigation Criminal Justice Statistics Department Ralph Calvin Seig 100 Custer Hollow Road Clarksburg, WV 26306 (304) 625-2000 http://www.fbi.gov/														
Data Format:	published report or Acrobat Reader documents														
Method of Procurement:	http://www.fbi.gov/ Section: "Uniform Crime Report" http://www.fbi.gov/ucr/ucr.htm (or order copy of report) Table: "Table 5: Index of Crime, State" Table: "Table 6: Index of Crime, Metropolitan Statistical Areas"														
Data Complexities:	In some cases, not all "units" reported crime statistics to the FBI. In these cases the estimated totals are used. In some cases, regions listed in the Uniform Crime Report may be smaller than the competitor metros chosen for the purposes of this project. The following adjustments are made: <table border="0"> <thead> <tr> <th><i>competitor metro area</i></th> <th><i>regions used</i></th> </tr> </thead> <tbody> <tr> <td>Boston Metro</td> <td>Boston</td> </tr> <tr> <td>Denver-Boulder-Greeley Metro</td> <td>Boulder-Longmont, Denver, Greeley</td> </tr> <tr> <td>Miami-Fort Lauderdale Metro</td> <td>Fort Lauderdale, Miami</td> </tr> <tr> <td>Portland-Salem</td> <td>Portland-Vancouver, Salem</td> </tr> <tr> <td>Sacramento-Yolo</td> <td>Sacramento, Yolo</td> </tr> <tr> <td>Seattle-Tacoma-Bremerton Metro</td> <td>Bremerton, Seattle-Bellevue-Everett, Tacoma</td> </tr> </tbody> </table>	<i>competitor metro area</i>	<i>regions used</i>	Boston Metro	Boston	Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver, Greeley	Miami-Fort Lauderdale Metro	Fort Lauderdale, Miami	Portland-Salem	Portland-Vancouver, Salem	Sacramento-Yolo	Sacramento, Yolo	Seattle-Tacoma-Bremerton Metro	Bremerton, Seattle-Bellevue-Everett, Tacoma
<i>competitor metro area</i>	<i>regions used</i>														
Boston Metro	Boston														
Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver, Greeley														
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Sacramento-Yolo	Sacramento, Yolo														
Seattle-Tacoma-Bremerton Metro	Bremerton, Seattle-Bellevue-Everett, Tacoma														
Comments:	The crime rate is determined by adding violent and property crimes, and dividing by population.														
Update Date:	updates are published annually														

Data Procurement Documentation	
Indicator:	Degrees Awarded
Source:	National Science Foundation, Web CASPAR
Source Type:	website
Contact Information:	The National Science Foundation 4201 Wilson Boulevard Arlington, Virginia 22230 (703) 292-5111 http://www.nsf.gov/
Data Format:	MS Excel spreadsheet
Method of Procurement:	http://www.nsf.gov/ Section: "Science Statistics" http://www.nsf.gov/sbe/srs/stats.htm Data extraction tool: "Web CASPAR" http://caspar.nsf.gov/cgi-bin/WebIC.exe?template=nsf/srs/webcasp/start.wi Section: "Institutional Data" Data: "All Institutions," "Earned Degrees," "Degrees Awarded," with "City," "State," and "Region" included in table
Data Complexities:	Data are provided by institution, and include city and state of location. These data are compiled into metro areas using US Census Bureau definitions of counties included in each MSA. The corresponding cities for each MSA are determined, based on the US Census county designations, using information from the National Association of Counties (www.naco.org).
Comments:	
Update Date:	annual

Data Procurement Documentation	
Indicator:	Early Childhood Education
Source:	US Department of Commerce, Bureau of the Census
Source Type:	website
Contact Information:	U.S. Census Bureau Population Division The Education and Social Stratification Branch Washington DC 20233 (301) 457-2464 http://www.census.gov
Data Format:	HTML table
Method of Procurement:	Enrollments: http://factfinder.census.gov Section: Census 2000 Supplemental Survey http://factfinder.census.gov/home/en/c2ss.html Section: Profile of Selected Social Characteristics Menu Bar: Change Selection Select: "Geography" Select: appropriate geographic types and "Add" all relevant areas in one sitting "Show Table" Section: School Enrollments Population by Age: http://factfinder.census.gov Section: Data Sets http://factfinder.census.gov/servlet/DatasetMainPageServlet?_lang=en Section: Census 2000 Summary File 1 (SF 1) 100-Percent Data Section: Detailed Tables Select: appropriate geographic types and "Add" all relevant areas in one sitting "Show Table" Select and Add: Table PCT 12- "Sex by Age (Total Population)" "Show Table"
Data Complexities:	Baltimore includes only Baltimore and Anne Arundel Counties; Boston includes only the Boston-Worcester-Lawrence CMSA; Denver includes only Denver and Boulder-Longmont PMSA's; Minneapolis includes only Hennepin, Anoka and Ramsey Counties; Norfolk includes only Virginia Beach City County; Phoenix includes only Maricopa County; Portland includes only Clackamas, Marion, and Multnomah Counties and the Salem PMSA; Seattle includes only Tacoma and Seattle-Bellevue-Everett PMSA's; and Washington, DC includes only Washington, DC State.
Comments:	For population by age, the tables are segregated into Male and Female categories, which need to be added to obtain the total number of 3-4 year olds.
Update Date:	Decennial Census, 2010

Data Procurement Documentation	
Indicator:	Educational Attainment
Source:	US Department of Commerce, Bureau of the Census
Source Type:	website
Contact Information:	U.S. Census Bureau Population Division The Education and Social Stratification Branch Washington DC 20233 (301) 457-2464 http://www.census.gov
Data Format:	HTML table
Method of Procurement:	1990 Data - http://factfinder.census.gov/ Section: Data Sets http://factfinder.census.gov/servlet/DatasetMainPageServlet?_lang=en Section: 1990 Summary Tape File 3 (STF 3) - Sample data Section: Detailed Tables Select: appropriate geographic types and "Add" all relevant areas in one sitting "Show Table" Select and Add: Table P057 - "Educational Attainment" "Show Table" 2000 Data - http://www.census.gov Section: C2SS Area Profiles http://www.census.gov/c2ss/www/ Section: C2SS Profiles http://www.census.gov/c2ss/www/Products/Profiles/2000/index.htm Section: Step 2 - Choose Table: 2
Data Complexities:	For 2000, Baltimore includes only Baltimore and Anne Arundel Counties and Baltimore City; Denver includes only Denver and Boulder-Longmont PMSA's; Minneapolis includes only Hennepin, Anoka and Ramsey Counties; Norfolk includes only Virginia Beach City County; Phoenix includes only Maricopa County; Portland includes only Clark, Clackamas, Multnomah, and Washington Counties and the Salem PMSA; Seattle includes only Tacoma and Seattle-Bellevue-Everett PMSA's; and Washington, DC includes only Washington, DC State.
Comments:	
Update Date:	Decennial Census, 2010

Data Procurement Documentation															
Indicator:	Employment and Wages - total and by cluster (San Diego)														
Source:	California Employment Development Department and SANDAG														
Source Type:	electronic file from organization														
Contact Information:	<table border="0"> <tr> <td>California Employment Development Department</td> <td>SANDAG</td> </tr> <tr> <td>Labor Market Information Division</td> <td>Source Point</td> </tr> <tr> <td>San Diego County</td> <td>401 B. Street, Suite 800</td> </tr> <tr> <td>http://www.calmis.ca.gov</td> <td>San Diego, CA 92101</td> </tr> <tr> <td>Cheryl Mason</td> <td>www.sandag.org</td> </tr> <tr> <td>(858) 689-6544</td> <td>Matt Eary</td> </tr> <tr> <td></td> <td>(619) 595-5300</td> </tr> </table>	California Employment Development Department	SANDAG	Labor Market Information Division	Source Point	San Diego County	401 B. Street, Suite 800	http://www.calmis.ca.gov	San Diego, CA 92101	Cheryl Mason	www.sandag.org	(858) 689-6544	Matt Eary		(619) 595-5300
California Employment Development Department	SANDAG														
Labor Market Information Division	Source Point														
San Diego County	401 B. Street, Suite 800														
http://www.calmis.ca.gov	San Diego, CA 92101														
Cheryl Mason	www.sandag.org														
(858) 689-6544	Matt Eary														
	(619) 595-5300														
Data Format:	MS Excel spreadsheet														
Method of Procurement:	<p>Contact EDD to request data Series: San Diego total employment, total payroll and total number of employees for all 2-digit SIC codes</p> <p>Contact SANDAG to request cluster data Series: San Diego total employment, total payroll, and total number of employees for each of the 15 clusters (based on 4-digit SIC codes)</p>														
Data Complexities:	Some employment and wage data are confidential, and must be compiled by cluster before being released to the public. For the purposes of this project, SANDAG was able to aggregate the data into clusters.														
Comments:	Some data can be obtained from the EDD website, but not all data are available online. Ad hoc data reports are available from EDD, but there may be a charge for them.														
Update Date:	revised totals available approximately 9 months after the end of the year note: data may be revised more than once before figures are finalized														

Data Procurement Documentation	
Indicator:	Exports
Source:	US Department of Commerce, International Trade Administration
Source Type:	website
Contact Information:	<p>US Department of Commerce, International Trade Administration Foreign Trade Division International Trade Administration US & California data Metro data - Kate McCurdy (301) 457 2311 (202) 482 5732 tic@ita.doc.gov http://www.ita.doc.gov</p>
Data Format:	HTML tables or Acrobat Reader documents
Method of Procurement:	<p>http://www.ita.doc.gov Metropolitan area data: http://www.ita.doc.gov/td/industry/otea/metro/ Table: "Alphabetical Listing of Metropolitan Exports" http://www.ita.doc.gov/td/industry/otea/metro/highlights/METRO99ALPHALIST.TXT Table: "Metropolitan Export Totals to Selected Destinations" http://www.ita.doc.gov/td/industry/otea/metro/destinations/destinations.html Table: "Metropolitan Export Sales to World by Industry Sector" http://www.ita.doc.gov/td/industry/otea/metro/industry/industry.html State and national data: http://www.ita.doc.gov/td/industry/otea/state/preformat.html Table: "State Merchandise Export Totals to World" - "Alphabetical Listing" http://www.ita.doc.gov/td/industry/otea/state/merchandise/Worldtot1.txt</p>
Data Complexities:	The metro area export data are from a "one-time" run done by the Department of Commerce. It is not known if they will be re-compiled every year.
Comments:	<p>Metro area data are available for the period 1993 - 1999. US and California data are available for the period 1993 - 2000.</p>
Update Date:	Data lag by two to three years for state and national data. Metro data may not be available. State and national data should be available 9 months after the end of the year.

Data Procurement Documentation			
Indicator:	Gross Product		
Source:	DRI-WEFA		
Source Type:	electronic file from organization		
Contact Information:	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519 </td> <td style="width: 50%; vertical-align: top;"> <i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com </td> </tr> </table>	<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com
<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com		
Data Format:	MS Excel spreadsheet		
Method of Procurement:	Order data by contacting DRI-WEFA (San Francisco office) Series: Nominal Dollar Gross Product data for the United States, California, and metro areas (see details below) and real Gross Product for the US, California and metro areas.		
Data Complexities:	DRI-WEFA provides data for all chosen competitor metro areas. However, Miami and Fort Lauderdale figures are reported as separate series. The Miami and Fort Lauderdale series are added together to form the Miami-Fort Lauderdale, FL CMSA.		
Comments:	Real (inflation-adjusted) gross product is calculated using the IPD		
Update Date:	DRI-WEFA continually updates data. For purposes of this project, updating once per year (at mid-year point) is recommended.		

Data Procurement Documentation	
Indicator:	Health Insurance Coverage
Source:	US Department of Commerce, Bureau of the Census, Current Population Survey
Source Type:	website
Contact Information:	Census Bureau Housing and Household Economic Statistics Division Washington DC 20233 (301) 457-3242 hhes-info@census.gov http://www.census.gov/hhes/www/hlthins.html
Data Format:	HTML table
Method of Procurement:	http://www.census.gov Section: "Health Insurance Data" (from the Current Population Survey) http://www.census.gov/hhes/www/hlthins.html Sub-section: "Detailed Historical Tables from the Current Population Survey: 1987-2000" http://www.census.gov/hhes/hlthins/historic/index.html Table: "HI-4. Health Insurance Coverage Status and Type of Coverage by State--All Persons: 1987 to 2000" http://www.census.gov/hhes/hlthins/historic/hihist4.html
Data Complexities:	Data are compiled at the state level. For the purposes of this project, each metro region is represented by state level data.
Comments:	Data are reported as the percent of households covered by private or government health insurance. For the purposes of this project, that figure is subtracted from 100% to obtain the percent not covered.
Update Date:	February 2002

Data Procurement Documentation															
Indicator:	Higher Education - Institutions and Enrollment														
Source:	Places Rated Almanac														
Source Type:	annual publication														
Contact Information:	Places Rated Almanac Places Rated Partnership P.O. Box 1327 Gloucester, MA 01931														
Data Format:	published report														
Method of Procurement:	Order publication Section: "Education" Table: "Place Profiles: Education" - Associate of Arts, Baccalaureate, Doctoral institutions and enrollment														
Data Complexities:	Places Rated reports data for small urban areas, that do not match all metro areas exactly. In the following cases, commute times for the central city are used to represent the metro: <table border="0"> <thead> <tr> <th><i>competitor metro area</i></th> <th><i>regions used</i></th> </tr> </thead> <tbody> <tr> <td>Boston Metro</td> <td>Boston</td> </tr> <tr> <td>Denver-Boulder-Greeley Metro</td> <td>Boulder-Longmont, Denver, Greeley</td> </tr> <tr> <td>Miami-Fort Lauderdale Metro</td> <td>Fort Lauderdale, Miami</td> </tr> <tr> <td>Portland-Salem</td> <td>Portland-Vancouver, Salem</td> </tr> <tr> <td>Sacramento-Yolo</td> <td>Sacramento, Yolo</td> </tr> <tr> <td>Seattle-Tacoma-Bremerton Metro</td> <td>Bremerton, Seattle-Bellevue-Everett, Tacoma</td> </tr> </tbody> </table> Places Rated undergoes methodological revisions year to year.	<i>competitor metro area</i>	<i>regions used</i>	Boston Metro	Boston	Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver, Greeley	Miami-Fort Lauderdale Metro	Fort Lauderdale, Miami	Portland-Salem	Portland-Vancouver, Salem	Sacramento-Yolo	Sacramento, Yolo	Seattle-Tacoma-Bremerton Metro	Bremerton, Seattle-Bellevue-Everett, Tacoma
<i>competitor metro area</i>	<i>regions used</i>														
Boston Metro	Boston														
Denver-Boulder-Greeley Metro	Boulder-Longmont, Denver, Greeley														
Miami-Fort Lauderdale Metro	Fort Lauderdale, Miami														
Portland-Salem	Portland-Vancouver, Salem														
Sacramento-Yolo	Sacramento, Yolo														
Seattle-Tacoma-Bremerton Metro	Bremerton, Seattle-Bellevue-Everett, Tacoma														
Comments:	For purposes of this project, institutions of higher education include 2-year, 4-year, and graduate programs														
Update Date:	new edition published annually														

Data Procurement Documentation	
Indicator:	Homeownership Rate
Source:	US Department of Commerce, Bureau of the Census, Housing Vacancies and Homeownership Survey
Source Type:	website
Contact Information:	Census Bureau Housing and Household Economic Statistics Division Washington DC 20233 (301) 457-3199 hhes-info@census.gov http://www.census.gov/hhes/www/hvs.html
Data Format:	HTML table
Method of Procurement:	http://www.census.gov Section: "Homeownership / Housing Vacancies and Homeownership Data" http://www.census.gov/hhes/www/hvs.html Section: "Annual Statistics" http://www.census.gov/hhes/www/housing/hvs/annual00/ann00ind.html Table: "Table 13. Homeownership Rates by State" http://www.census.gov/hhes/www/housing/hvs/annual00/ann00t13.html Table: "Table 14. Homeownership Rates for the 75 Largest MAs" http://www.census.gov/hhes/www/housing/hvs/annual00/ann00t14.html
Data Complexities:	1993 data were revised to reflect new weighting based on the 1990 decennial census. Both weightings (listed as 1993 and 1993/r) are reported by the Census Bureau for comparison purposes. For the purposes of this project, 1993/r is used.
Comments:	
Update Date:	February 2002

Data Procurement Documentation	
Indicator:	Hospital Beds
Source:	American Hospital Association (time series data for United States, California and San Diego) Places Rated Almanac (selected year data for all metropolitan areas)
Source Type:	electronic file from organization annual publication
Contact Information:	American Hospital Association Places Rated Almanac Resource Center Places Rated Partnership Jeanette Harlow P.O. Box 1327 (312) 422-2013 or (312) 422-2050 Gloucester, MA 01931
Data Format:	MS Excel spreadsheet published report
Method of Procurement:	American Hospital Association Order data by contacting the American Hospital Association Series: United States, California, San Diego Places Rated Order publication Section: "Health Care" Table: "Place Profiles: Health Care"
Data Complexities:	Places Rated reports data for small urban areas, that do not match all metro areas exactly. In the following cases, multiple areas are combined to represent the metro used for purposes of this project: <i>competitor metro area</i> <i>regions used</i> Boston Metro Boston, Brockton, Lawrence, Lowell, Worcester, Manchester, Nashua Denver-Boulder-Greeley Metro Boulder-Longmont, Denver, Greeley Miami-Fort Lauderdale Metro Fort Lauderdale, Miami Portland-Salem Portland-Vancouver, Salem Sacramento-Yolo Sacramento, Yolo Seattle-Tacoma-Bremerton Metro Bremerton, Seattle-Bellevue-Everett, Tacoma Places Rated undergoes methodological revisions year to year.
Comments:	For purposes of this project, hospital beds are defined as beds in facilities which would be typically receive payment from standard health insurance providers. Long term care facilities, and facilities in which the average stay is longer than 30 days are excluded. Included are the following: general medical and surgical, psychiatric, tuberculosis and other respiratory diseases, obstetrics and gynecology, eye, ear nose and throat, rehabilitation, orthopedics, and alcoholism and other chemical dependencies. For purposes of this project, the number of hospital beds is weighted by population to ensure a consistent measure across all metropolitan areas.
Update Date:	Approximate two year lag on AHA data, Places Rated Almanac published annually

Data Procurement Documentation											
Indicator:	Housing Opportunity Index										
Source:	National Association of Home Builders, Housing Opportunity Index										
Source Type:	website and/or electronic file from organization										
Contact Information:	NAHB Economics Jo Chapman, Director of Surveys 1201 15th street, NW Washington, DC 20005 (800) 368-5242 ext. 288 Jchapman@nahb.com http://www.nahb.org										
Data Format:	HTML table and MS Excel spreadsheet										
Method of Procurement:	http://www.nahb.org Section: "Economic and Housing Data" http://www.nahb.org/facts/default.htm Table: Housing Opportunity Index - "HOI (Major Markets Listed Alphabetically)" http://www.nahb.com/facts/hoi/2001_Q2/complete_alpha.htm First quarter (Q1) data are used for the purposes of this project Historical data provided by NAHB										
Data Complexities:	HOI data are not available for California. An estimate was calculated using all available California metro areas, weighted by the number of 1990 housing units. HOI data for several other areas were not available. The following approximations are used: <table border="0"> <thead> <tr> <th><i>competitor metro area</i></th> <th><i>region used</i></th> </tr> </thead> <tbody> <tr> <td>Boston Metro</td> <td>Boston CMSA</td> </tr> <tr> <td>Denver-Boulder-Greeley Metro</td> <td>Denver PMSA</td> </tr> <tr> <td>Portland-Salem</td> <td>Portland-Vancouver PMSA</td> </tr> <tr> <td>Seattle-Tacoma-Bremerton Metro</td> <td>Seattle-Bellevue-Everett PMSA</td> </tr> </tbody> </table>	<i>competitor metro area</i>	<i>region used</i>	Boston Metro	Boston CMSA	Denver-Boulder-Greeley Metro	Denver PMSA	Portland-Salem	Portland-Vancouver PMSA	Seattle-Tacoma-Bremerton Metro	Seattle-Bellevue-Everett PMSA
<i>competitor metro area</i>	<i>region used</i>										
Boston Metro	Boston CMSA										
Denver-Boulder-Greeley Metro	Denver PMSA										
Portland-Salem	Portland-Vancouver PMSA										
Seattle-Tacoma-Bremerton Metro	Seattle-Bellevue-Everett PMSA										
Comments:											
Update Date:	July 2002										

Data Procurement Documentation			
Indicator:	Implicit Price Deflator (IPD)		
Source:	DRI-WEFA		
Source Type:	electronic file from organization		
Contact Information:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519 </td> <td style="width: 50%; vertical-align: top;"> <i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com </td> </tr> </table>	<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com
<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com		
Data Format:	MS Excel spreadsheet		
Method of Procurement:	Order GMP in constant and real dollars by contacting DRI-WEFA (San Francisco office) Series: Nominal Dollar and Real Dollar Gross Product data for the United States, California, and metro areas (see details below)		
Data Complexities:	DRI-WEFA provides data for all chosen competitor metro areas. However, Miami and Fort Lauderdale figures are reported as separate series. The Miami and Fort Lauderdale series are added together to form the Miami-Fort Lauderdale, FL CMSA.		
Comments:	IPD = Nominal Gross Product / Real Gross Product This ratio provides the IDP, where the base year of the IDP is the same as the base year of the Real Gross Product. IPD base year may be changed by those performing analysis		
Update Date:	DRI-WEFA continually updates data. For purposes of this project, updating once per year (at mid-year point) is recommended.		

Data Procurement Documentation	
Indicator:	Income Distribution (San Diego and California)
Source:	California Franchise Tax Board - annual reports
Source Type:	published report - available in print and online
Contact Information:	California Franchise Tax Board Information Office: (800) 8525711 http://www.ftb.ca.gov/index.html
Data Format:	MS Excel spreadsheet or Acrobat Reader documents, and published annual reports
Method of Procurement:	http://www.ftb.ca.gov/index.html Annual reports can be accessed via the site Index, or "FTB Plans and Reports" Section: "Appendix B: Personal Income Tax Data" http://www.ftb.ca.gov/other/index.html Table: "Table 6: Comparison by County" (mean and median values) Table: "Table 7: County by Adjusted Gross Income" (detailed income category data for both San Diego and California)
Data Complexities:	Data are reported by filers (or tax returns), not per capita. However, the number of joint filings and dependants is reported, and thus the number of persons can be determined. Note: The FTB reports Adjusted Gross Income (income after deductions and adjustments), not gross income.
Comments:	A given year's annual report contains data for the previous year's income. Three important measures of income dispersion can be derived from FTB data: 1 - distribution of income as measured by the ratio of average income in the highest quintile to average income in the lowest 2 - ratio of mean to median income (if the mean exceeds the median - the ratio is greater than one - it implies that the bulk of income is concentrated in a small population) 3 - the changing number of persons in low, middle, and high income categories
Update Date:	Data are updated in October, and lag approximately three years

Data Procurement Documentation	
Indicator:	Income Distribution - Mean and Median Income (all regions)
Source:	US Department of Commerce, Bureau of the Census, Census 2000 Supplementary Survey
Source Type:	website
Contact Information:	Census Bureau Demographic Surveys Division Washington DC 20233 cmo.c2ss@census.gov http://www.census.gov
Data Format:	HTML table
Method of Procurement:	http://www.census.gov Section: "People" - "C2SS Area Profiles" http://www.census.gov/c2ss/www/ Section: "C2SS Profiles" http://www.census.gov/c2ss/www/Products/Profiles/2000/index.htm Table: "Table 3" selected economic characteristics Data: Estimate of Mean Household Income and Median Household Income for the United States, California and all competitor metropolitan areas
Data Complexities:	
Comments:	data are in 2000 dollars
Update Date:	

Data Procurement Documentation	
Indicator:	Initial Public Offerings - number firms and dollars raised
Source:	Thomson Financial
Source Type:	electronic file from organization
Contact Information:	Thompson Financial Carrie Smith (888) 989 8373 carrie.smith@tfn.com
Data Format:	MS Excel spreadsheet
Method of Procurement:	Order data by contacting Thompson Financial
Data Complexities:	Several differing definitions of IPOs are commonly used. Defining an initial public offering includes the following: Class [common, warrants, classes, etc.] Data details [date of offering, date of registering with the SEC] Location [US, international] For the purposes of this project, IPOs are defined as follows: Common stock, occurrence between January 1 and December 31 (i.e. calendar year), for US companies
Comments:	
Update Date:	Typically after March of the following year.

Data Procurement Documentation											
Indicator:	Median Home Price										
Source:	National Association of Home Builders										
Source Type:	website and/or electronic file from organization										
Contact Information:	NAHB Economics Jo Chapman, Director of Surveys 1201 15th street, NW Washington, DC 20005 (800) 368-5242 ext. 288 Jchapman@nahb.com http://www.nahb.org										
Data Format:	HTML table and MS Excel spreadsheet										
Method of Procurement:	http://www.nahb.org Section: "Economic and Housing Data" http://www.nahb.org/facts/default.htm Table: Housing Opportunity Index - "HOI (Major Markets Listed Alphabetically)" * *note: HOI table contains median price data Data: Median Home Price, First quarter (Q1) data are used for the purposes of this project http://www.nahb.com/facts/hoi/2001_Q2/complete_alpha.htm Historical data provided by NAHB										
Data Complexities:	Median price data are not available for California. An estimate was calculated using all available California metro areas, weighted by the number of 1990 housing units. Median pride data for several other areas were not available. The following approximations are used: <table border="0"> <thead> <tr> <th><i>competitor metro area</i></th> <th><i>region used</i></th> </tr> </thead> <tbody> <tr> <td>Boston Metro</td> <td>Boston CMSA</td> </tr> <tr> <td>Denver-Boulder-Greeley Metro</td> <td>Denver PMSA</td> </tr> <tr> <td>Portland-Salem</td> <td>Portland-Vancouver PMSA</td> </tr> <tr> <td>Seattle-Tacoma-Bremerton Metro</td> <td>Seattle-Bellevue-Everett PMSA</td> </tr> </tbody> </table>	<i>competitor metro area</i>	<i>region used</i>	Boston Metro	Boston CMSA	Denver-Boulder-Greeley Metro	Denver PMSA	Portland-Salem	Portland-Vancouver PMSA	Seattle-Tacoma-Bremerton Metro	Seattle-Bellevue-Everett PMSA
<i>competitor metro area</i>	<i>region used</i>										
Boston Metro	Boston CMSA										
Denver-Boulder-Greeley Metro	Denver PMSA										
Portland-Salem	Portland-Vancouver PMSA										
Seattle-Tacoma-Bremerton Metro	Seattle-Bellevue-Everett PMSA										
Comments:											
Update Date:	July 2002										

Data Procurement Documentation	
Indicator:	Median Home Price Sales Data (San Diego)
Source:	DataQuick Information Services
Source Type:	electronic file from organization
Contact Information:	DataQuick Information Services John Karavoll San Bernadino, CA (909) 867 9534
Data Format:	MS Excel spreadsheet
Method of Procurement:	Order data by contacting DataQuick Series: San Diego only
Data Complexities:	
Comments:	Monthly updates for <i>some</i> of the time series data are available from the San Diego Union Tribune web site: http://realestate.uniontrib.com/mediancharts/index.php
Update Date:	Data are updated on a monthly basis

Data Procurement Documentation	
Indicator:	Ozone Exposure (San Diego)
Source:	Air Pollution Control District of San Diego
Source Type:	electronic file from organization
Contact Information:	SANDAG Transportation Department 401 B. Street, Suite 800 San Diego, CA 92101 www.sandag.org Elisa Arias (619) 595-5300
Data Format:	MS Excel spreadsheet
Method of Procurement:	Request data from Transportation department at SANDAG
Data Complexities:	
Comments:	
Update Date:	monthly, with an approximate 6 month lag

Data Procurement Documentation																																																	
Indicator:	Passenger Enplanements																																																
Source:	Federal Aviation Administration, Terminal Area Forecast																																																
Source Type:	website and files from organization																																																
Contact Information:	Federal Aviation Administration 800 Independence Avenue, S.W. Washington, DC 20591 http://www.faa.gov/ Ronke Harrison (202) 493-4032																																																
Data Format:	HTML tables and copies of published reports																																																
Method of Procurement:	http://www.faa.gov/ Section: "Newsroom" - "FAA Information Links" http://www.faa.gov/apa/phone/info.htm Section: "Public Inquiry" - "Statistics" http://www.faa.gov/apa/PI4stats.htm Section: "Air Traffic Activity Data System (ATADS): air traffic statistics" http://www.apo.data.faa.gov/ Section: "Terminal Area Forecasts" ("TAF") http://www.apo.data.faa.gov/faatafall.HTM Data: "Query Data" Series: "summary report" for the United States, California, and each competitor metro's airport(s) (see details below)																																																
Data Complexities:	For each metro, data for the most closely affiliated airport(s) are used <table border="0"> <thead> <tr> <th><i>metro</i></th> <th><i>airport</i></th> <th><i>metro</i></th> <th><i>airport</i></th> </tr> </thead> <tbody> <tr> <td>Atlanta</td> <td>ATL</td> <td>Pittsburgh</td> <td>PIT</td> </tr> <tr> <td>Austin</td> <td>AUS</td> <td>Portland</td> <td>PDX</td> </tr> <tr> <td>Baltimore</td> <td>BWI</td> <td>Raleigh</td> <td>RDU</td> </tr> <tr> <td>Boston</td> <td>BOS</td> <td>Sacramento</td> <td>SMF</td> </tr> <tr> <td>Denver</td> <td>DEN</td> <td>San Diego</td> <td>SAN</td> </tr> <tr> <td>Houston</td> <td>IAH</td> <td>San Francisco</td> <td>SFO</td> </tr> <tr> <td>Miami</td> <td>MIA & FLL</td> <td>San Jose</td> <td>SJC</td> </tr> <tr> <td>Minneapolis</td> <td>MSP</td> <td>Seattle</td> <td>SEA</td> </tr> <tr> <td>Norfolk</td> <td>ORF</td> <td>Tampa</td> <td>TPA</td> </tr> <tr> <td>Orange</td> <td>SNA</td> <td>Wash DC</td> <td>IAD & DCA</td> </tr> <tr> <td>Phoenix</td> <td>PHX</td> <td></td> <td></td> </tr> </tbody> </table>	<i>metro</i>	<i>airport</i>	<i>metro</i>	<i>airport</i>	Atlanta	ATL	Pittsburgh	PIT	Austin	AUS	Portland	PDX	Baltimore	BWI	Raleigh	RDU	Boston	BOS	Sacramento	SMF	Denver	DEN	San Diego	SAN	Houston	IAH	San Francisco	SFO	Miami	MIA & FLL	San Jose	SJC	Minneapolis	MSP	Seattle	SEA	Norfolk	ORF	Tampa	TPA	Orange	SNA	Wash DC	IAD & DCA	Phoenix	PHX		
<i>metro</i>	<i>airport</i>	<i>metro</i>	<i>airport</i>																																														
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Orange	SNA	Wash DC	IAD & DCA																																														
Phoenix	PHX																																																
Comments:	This resource contains both historical and forecast data.																																																
Update Date:																																																	

Data Procurement Documentation	
Indicator:	Patents (utility patents and plant patents)
Source:	website
Source Type:	US Department of Commerce, Patent and Trademark Office
Contact Information:	<p>US Patent and Trademark Office</p> <p>http://www.uspto.gov/</p> <p>Information Products Division - Technology Assessment and Forecast Branch</p> <p><i>general inquiries:</i> PK3 - Suite 441 Washington, DC 20231 (703) 306-2600 oeip@uspto.gov http://www.uspto.gov/web/offices/ac/ido/oeip/taf/tafp.html</p> <p><i>cross tabulation and concordance data:</i> Paul Harrison (703) 305 5685 paul.harrison@uspto.gov</p>
Data Format:	HTML tables, Acrobat Reader documents, and MS Excel spreadsheets
Method of Procurement:	<p>Technology Assessment and Forecast Branch</p> <p>http://www.uspto.gov/web/offices/ac/ido/oeip/taf/tafp.html</p> <p>Utility Patents: Section: Statistical Reports Available for Viewing http://www.uspto.gov/web/offices/ac/ido/oeip/taf/reports.htm</p> <p>Section: Drill-down Utility Patent Reports By State and Country of Origin (12/00) http://www.uspto.gov/web/offices/ac/ido/oeip/taf/reports.htm#STC_DD</p> <p>Table: U.S. Patent Grants by State, County, and Metropolitan Area, (1990 to the present) http://www.uspto.gov/web/offices/ac/ido/oeip/taf/county.pdf</p> <p>Table: Patenting in Metropolitan and Non-metropolitan Areas of the United States- Breakout By Organization (12/99) http://www.uspto.gov/web/offices/ac/ido/oeip/taf/masgstc/mregions.htm</p> <p>Table: Patenting in Metropolitan and Non-metropolitan Areas of the United States- Breakout By Technology Class http://www.uspto.gov/web/offices/ac/ido/oeip/taf/mclsstc/mregions.htm</p> <p>Plant patent data obtained from Technology Assessment and Forecast Branch of US PTO</p> <p>Cross tabulation and concordance (assigned SIC codes to patents) data can be ordered by contacting the Technology Assessment and Forecast Branch of the US PTO</p>
Data Complexities:	<p>Two methods can be used to assign patents to industry clusters. The first method uses US PTO concordance files to assign SIC codes to patents. The second assigns patents to industry clusters based on the patent owner's industrial classification. For the purposes of this project, the second method is used.</p> <p>Under the concordance process, there are some cases where SIC codes do not exactly match patent classes. Additionally, concordance data (data in which SIC codes are assigned to patents) are only available via special arrangement with the Patent and Trademark Office, and are not available online.</p> <p>The SIC codes assigned to patent holders are based on information from three sources: the California State Employment Development Department (EDD), the United States Securities and Exchange Commission (SEC - website: http://www.sec.gov), Webster's Online Business Directory (website: http://www.webdir.net/default.asp). In most cases, the Department of Finance designations were used, except where the SEC designation more closely matched the company's (or organization's) functions, or designations from EDD were not available.</p>
Comments:	
Update Date:	October of each year. Data lags by approximately two years.

Data Procurement Documentation			
Indicator:	Per Capita Income		
Source:	DRI-WEFA		
Source Type:	electronic file from organization		
Contact Information:	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519 </td> <td style="width: 50%; vertical-align: top;"> <i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com </td> </tr> </table>	<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com
<i>to order data:</i> DRI-WEFA John Johnson (415) 293-8519	<i>technical / data questions:</i> DRI-WEFA Adrienne Ortyl (781) 860-6557 adrienne.ortyl@dri-wefa.com		
Data Format:	MS Excel spreadsheet		
Method of Procurement:	Order data by contacting DRI-WEFA (San Francisco office) Series: Nominal Per Capita Income for the United States, California, and metro areas (see details below)		
Data Complexities:	DRI-WEFA provides data for all chosen competitor metro areas. However, Miami and Fort Lauderdale figures are reported as separate series. The Miami and Fort Lauderdale series are combined using a weighted average, based on employment shares, to represent the Miami-Fort Lauderdale, FL CMSA.		
Comments:	Real (inflation-adjusted) per capita income is calculated using the CPI		
Update Date:	DRI-WEFA continually updates data. For purposes of this project, updating once per year (at mid-year point) is recommended.		

Data Procurement Documentation	
Indicator:	Population
Source:	US Department of Commerce, Bureau of the Census, Population Estimates
Source Type:	website
Contact Information:	U.S. Census Bureau Population Division Washington DC 20233 (301) 457-2422 pop@census.gov http://www.census.gov
Data Format:	HTML table
Method of Procurement:	http://www.census.gov Section: Population - Estimates http://eire.census.gov/popest/estimates.php Section: Estimates Data - Metropolitan Areas http://eire.census.gov/popest/data/metro.php Section: Latest Data http://eire.census.gov/popest/archives/1990.php#metro Table: Metropolitan Area Population Estimates: 1990 to 1999 http://eire.census.gov/popest/archives/metro/ma99-01.txt
Data Complexities:	
Comments:	Population estimates are annual (July 1) figures.
Update Date:	October 2002

Data Procurement Documentation	
Indicator:	Public Transit - Annual Unlinked Passenger Trips (AUPT)
Source:	Department of Transportation, Federal Transit Administration American Public Transportation Association
Source Type:	website
Contact Information:	Federal Transi American Public Transportation Association National Trans Terry Bronson 400 7th Street. 1666 K Street, N.W., Suite 1100 Washington, C Washington, DC 20006 http://www.fta.gov Tbronson@apta.com http://www.apta.com
Data Format:	MS Excel spreadsheets and HTML tables
Method of Procurement:	http://www.fta.dot.gov/ Section: National Transit Database http://www.ntdprogram.com/NTD/ntdhome.nsf?OpenDatabase Section: NTD Data http://www.ntdprogram.com/NTD/ntdhome.nsf/Docs/NTDDData?OpenDocument Files: listed by year (e.g. 2000 Database)
Data	Data are reported by state and municipality (or transportation organization). Metropolitan designations were assigned to each relevant agency to compile metro totals. Metro designations were assigned using US Census bureau MSA city/county definitions, the APTA list of transit organizations by region, and organization ID numbers.
Complexities:	See attached list.
Comments:	Annual Unlinked Passenger Trips (AUPT) are the number of passengers (per year) who board public transportation vehicles. Passengers are counted each time they board vehicles, no matter how many they use to travel from their origin to their destination.
Update Date:	

Metro	Agency
Atlanta	Cobb Community Transit Douglas County Rideshare Metro Atlanta RTA
Austin	Capital Metro Transp Auth VPSI, Inc.
Baltimore	Annapolis Parking/Trans Baltimore-ColumBus Harford County Transp Svc Howard Area Transit Svc MTA-Maryland DOT
Boston	Brockton Area Transit Cape Ann Transp Auth Lowell Regional Transit Manchester Transit Auth Mass Bay Transp Auth Merrimack Valley RTA Montachusett RTA Nashua Transit System Worcester Regional TA
Denver	City of Greeley-The Bus Dave Transportation, Laidlaw Regional Transp District
Houston	Houston-VPSI MetroTransAuth HarrisCnty Ryder/ATE
Miami	Broward Cnty Mass Transit Comsis Mobility Services, Inc. Fort Lauderdale-B & L Miami-Dade Transit Agency Miami-MDTA/Comprehensive Tri-County Commuter Rail
Minneapolis	Metro Mobility Metro Transit Metropolitan Council
Norfolk	Hampton Roads James City County Transit Peninsula Transportation District Tidewater Transportation District
Orange	Laguna Beach Municipal Orange County Transp Auth * DAVE Transp Svcs-LA
Phoenix	City of Mesa City of Tempe Transp Div Glendale Dial-A-Ride Maricopa Cnty Spec Transp Peoria Transit Phoenix Publ Transit Dept Phoenix-VPSI Regional Publ Transp Auth Scottsdale Connection Sun Cities Transit System Surprise Dial-A-Ride TS Town of Guadalupe

Metro	Agency
Pittsburgh	ACCESS Transportation Sys Beaver County Transit G G & C Bus Company Port Authority Allegheny SWn PA Region Plng Comm University of Pittsburgh Westmoreland County TA
Portland	Clark County Public Trans Salem Area MassTransDist Tri-County Metro District
Raleigh	Capital Area Transit Chapel Hill Transit Durham Area Transit Research Triangle RPTA
Sacramento	Roseville Transit Sacramento RTD UNITRANS-Davis Yolo County TD
San Diego	N San Diego Cnty Transit San Diego MTDB San Diego Rgnl Transp Svc San Diego Transit Corp San Diego Trolley
San Francisco	GoldenGateBridge-Hwy&TD Municipal Railway Peninsula Corridor JPB San Mateo Cnty TransitDst * Alameda Ferry Services * Bay Area Rapid Transit * Intelitran-SF
San Jose	Outreach & Escort Santa Clara Valley TA
Seattle	Central Puget Sound RTA Everett Transit Intercity Transit King County DOT Kitsap Transit Monorail Transit Pierce Cnty Ferry Ops Pierce Transit Senior Svc Snohomish Cnty Snohomish Cnty Transp BAC Washington State Ferries Whatcom Transp Auth
Tampa	Hillsborough Area RTA Pasco County Public Trans Pinellas Suncoast Transit
Wash DC	City of Alexandria City of Fairfax CUE Bus Fairfax Connector Bus Sys Frederick County Transit Loudoun Commuter Bus Svc Montgomery Cnty Ride-On Potomac and Rappahannock Virginia Railway Express Washington-Metro

Data Procurement Documentation	
Indicator:	Public Transit - Capital Funds Applied
Source:	Department of Transportation, Federal Transit Administration
Source Type:	American Public Transportation Association website
Contact Information:	Federal Transi American Public Transportation Association National Trans Terry Bronson 400 7th Street, 1666 K Street, N.W., Suite 1100 Washington, C Washington, DC 20006 http://www.fta.gov Tbronson@apta.com http://www.apta.com
Data Format:	MS Excel spreadsheets and HTML tables
Method of	http://www.fta.dot.gov/
Procurement:	Section: National Transit Database http://www.ntdprogram.com/NTD/ntdhome.nsf?OpenDatabase Section: NTD Data http://www.ntdprogram.com/NTD/ntdhome.nsf/Docs/NTDDData?OpenDocument Files: listed by year (e.g. 2000 Database)
Data Complexities:	Data are reported by state and municipality (or transportation organization). Metropolitan designations were assigned to each relevant agency to compile metro totals. Metro designations were assigned using US Census bureau MSA city/county definitions, <u>the</u> APTA list of transit organizations by region, and organization ID numbers. See attached list.
Comments:	
Update Date:	

Data Procurement Documentation	
Indicator:	Railroad Cargo Tonnage
Source:	US Department of Transportation, Surface Transportation Board, Office of Economics, Environmental Analysis and Administration
Source Type:	electronic file from organization
Contact Information:	US Department of Transportation Surface Transportation Board, Office of Economics, Environmental Analysis and Administration 1925 K Street, NW Washington, DC 20423-0001 James Nash (202) 565-1542 http://www.stb.dot.gov/
Data Format:	MS Excel spreadsheet
Method of Procurement:	Request data from Surface Transportation Board of the US Department of Transportation Series: United States, California, and competitor metro areas
Data Complexities:	
Comments:	
Update Date:	annual, data lag by approximately 1.5 years

Data Procurement Documentation											
Indicator:	Recycling and Trash Buried (San Diego)										
Source:	California Integrated Waste Management Board										
Source Type:	website										
Contact Information:	<table border="0"> <tr> <td>California Integrated Waste Management Board</td> <td>County of San Diego</td> </tr> <tr> <td>1001 I Street, PO Box 4025</td> <td>J. Taylor</td> </tr> <tr> <td>Sacramento, CA 95812-4025</td> <td>(858) 874-4020</td> </tr> <tr> <td>(916) 341-6000</td> <td></td> </tr> <tr> <td>http://www.ciwmb.ca.gov</td> <td></td> </tr> </table>	California Integrated Waste Management Board	County of San Diego	1001 I Street, PO Box 4025	J. Taylor	Sacramento, CA 95812-4025	(858) 874-4020	(916) 341-6000		http://www.ciwmb.ca.gov	
California Integrated Waste Management Board	County of San Diego										
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Sacramento, CA 95812-4025	(858) 874-4020										
(916) 341-6000											
http://www.ciwmb.ca.gov											
Data Format:	HTML tables										
Method of Procurement:	<p>http://www.ciwmb.ca.gov</p> <p>Section: Program: "Profiles: Waste Stream" http://www.ciwmb.ca.gov/Profiles/</p> <p>Section: Jurisdictions http://www.ciwmb.ca.gov/Profiles/Juris/</p> <p>Sub-sections: county (San Diego), and jurisdiction within county (all jurisdictions) Table: "Waste Stream" for series "Overall Waste Stream - Tons Buried" e.g. (for City of San Diego) http://www.ciwmb.ca.gov/Profiles/Juris/JurProfile1.asp?RG=C&JURID=433&JUR=San+Diego</p>										
Data Complexities:	Data for all jurisdictions must be compiled to get overall county totals										
Comments:	The 1999 and 2000 data are preliminary figures, and are subject to revision.										
Update Date:	Annually, each fall.										

Data Procurement Documentation																									
Indicator:	Roadway Congestion Index																								
Source:	Texas Transportation Institute, 2001 Urban Mobility Report																								
Source Type:	website																								
Contact Information:	Texas Transportation Institute Texas A&M University System Tim Lomax 3135 TAMU College Station, Texas 77843-3135 (979) 845-1713 t-lomax@tamu.edu http://tti.tamu.edu/ or http://mobility.tamu.edu																								
Data Format:	MS Excel spreadsheet																								
Method of Procurement:	http://tti.tamu.edu/ Section: "Review Featured Research" http://tti.tamu.edu/research/ Section: "Operations" http://tti.tamu.edu/research/operations/ Section: Urban Mobility Study http://tti.tamu.edu/research/operations/mobility.stm Section: 2001 Urban Mobility Study - Mobility Data http://mobility.tamu.edu/2001/study/cities/ Table: "all of the data" http://mobility.tamu.edu/2001/study/cities/tables/complete_data.xls																								
Data Complexities:	TTI reports data for selected urbanized areas, rather than metropolitan areas. In all cases, the urbanized area most closely relating to the metropolitan area is used for the purposes of this project. In some cases, approximations were less exact. These cases are as follows: <table border="0"> <thead> <tr> <th><i>competitor metro area</i></th> <th><i>region used</i></th> </tr> </thead> <tbody> <tr> <td>Austin-San Marcos, TX MSA</td> <td><i>Austin, TX</i></td> </tr> <tr> <td>Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA</td> <td><i>Boston, MA</i></td> </tr> <tr> <td>Denver-Boulder-Greeley, CO CMSA</td> <td><i>Denver, CO</i></td> </tr> <tr> <td>Norfolk-Va Beach-Newport News, VA-NC MSA</td> <td><i>Norfolk, VA</i></td> </tr> <tr> <td>Orange, CA PMSA</td> <td><i>Los Angeles, CA</i></td> </tr> <tr> <td>Phoenix-Mesa, AZ MSA</td> <td><i>Phoenix, AZ</i></td> </tr> <tr> <td>Portland-Salem, OR-WA CMSA</td> <td><i>Portland-Vancouver, OR-WA</i></td> </tr> <tr> <td>Raleigh-Durham-Chapel Hill, NC MSA</td> <td><i>Charlotte, NC</i></td> </tr> <tr> <td>San Francisco, CA PMSA</td> <td><i>San Francisco-Oakland, CA</i></td> </tr> <tr> <td>Seattle-Tacoma-Bremerton, WA CMSA</td> <td><i>Seattle-Everett WA</i></td> </tr> <tr> <td>Tampa-St. Petersburg, FL MSA</td> <td><i>Tampa, FL</i></td> </tr> </tbody> </table>	<i>competitor metro area</i>	<i>region used</i>	Austin-San Marcos, TX MSA	<i>Austin, TX</i>	Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	<i>Boston, MA</i>	Denver-Boulder-Greeley, CO CMSA	<i>Denver, CO</i>	Norfolk-Va Beach-Newport News, VA-NC MSA	<i>Norfolk, VA</i>	Orange, CA PMSA	<i>Los Angeles, CA</i>	Phoenix-Mesa, AZ MSA	<i>Phoenix, AZ</i>	Portland-Salem, OR-WA CMSA	<i>Portland-Vancouver, OR-WA</i>	Raleigh-Durham-Chapel Hill, NC MSA	<i>Charlotte, NC</i>	San Francisco, CA PMSA	<i>San Francisco-Oakland, CA</i>	Seattle-Tacoma-Bremerton, WA CMSA	<i>Seattle-Everett WA</i>	Tampa-St. Petersburg, FL MSA	<i>Tampa, FL</i>
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Tampa-St. Petersburg, FL MSA	<i>Tampa, FL</i>																								
Comments:																									
Update Date:	May 2002																								

Data Procurement Documentation	
Indicator:	SBIR Awards
Source:	US Small Business Administration
Source Type:	website
Contact Information:	US Small Business Administration Office of Technology 409 Third Street, SW Washington, DC 20416 (202) 205-6450 http://www.sba.gov
Data Format:	text tables on website
Method of Procurement:	http://www.sba.gov/ Section: Offices and Services http://www.sba.gov/services/ SBA Programs - Technology (SBIR/STTR) http://www.sba.gov/sbir/ SBIR - STTR http://www.sba.gov/sbir/indexsbir-sttr.html Series: "SBIR Awards" - "Award Winners" (by year) for years FY 1993 - 1998 Data: Company name, award amount, and year awarded
Data Complexities:	Data are listed by state. Sub-state data must be extracted from state files.
Comments:	
Update Date:	

Data Procurement Documentation	
Indicator:	Tap Water Quality (San Diego)
Source:	City of San Diego, Water Department, Consumer Confidence Report
Source Type:	annual publication
Contact Information:	City of San Diego Water Department 600 B. Street, Suite 1150, MS 911A San Diego, CA 92101-4589 http://www.sannet.gov/water/ Kurt Kidman, Sr. Public Information Officer (619) 533-4185
Data Format:	published report (printed or Acrobat Reader file)
Method of Procurement:	http://www.sannet.gov/water/ Section: Water Quality http://www.sannet.gov/water/quality/index.shtml Section: 2000 Consumer Confidence Report http://www.sannet.gov/water/quality/report00.pdf Data: Turbidity, Total Trihalomethanes, Total Dissolved Solids publications from prior years can be obtained by contacting the City of San Diego Water Department
Data Complexities:	Data are reported for San Diego's three water treatment plants: Miramar, Alvarado, and Otay. Where possible, the system average data are used. Elsewhere, Alvarado figures are used, since the Alvarado plant serves the most central portion of San Diego county.
Comments:	Test are performed and data are reported for numerous contaminants. However, few are found at detectable levels. The indicators of Turbidity, Total Trihalomethanes, and Total Dissolved Solids were chosen because they were found at detectable levels, and were reported consistently over the time period. Turbidity: Monitored under Primary Standards (Mandatory Health Related Standards) for clarity Total Trihalomethanes: Monitored under Primary Standards (Mandatory Health Related Standards) for organic chemicals Total Dissolved Solids: Monitored under Secondary Standards (Aesthetic Standards) It should be noted that bacteria levels were not included for the purposes of this project. The reason is that consistent data were not available (measuring and reporting standards changed) and no violations occurred.
Update Date:	publication is updated and distributed to the public each year

Data Procurement Documentation											
Indicator:	Unemployment Rate										
Source:	DRI-WEFA										
Source Type:	electronic file from organization										
Contact Information:	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><i>to order data:</i></td> <td style="width: 50%;"><i>technical / data questions:</i></td> </tr> <tr> <td>DRI-WEFA</td> <td>DRI-WEFA</td> </tr> <tr> <td>John Johnson</td> <td>Adrienne Ortyl</td> </tr> <tr> <td>(415) 293-8519</td> <td>(781) 860-6557</td> </tr> <tr> <td></td> <td>adrienne.ortyl@dri-wefa.com</td> </tr> </table>	<i>to order data:</i>	<i>technical / data questions:</i>	DRI-WEFA	DRI-WEFA	John Johnson	Adrienne Ortyl	(415) 293-8519	(781) 860-6557		adrienne.ortyl@dri-wefa.com
<i>to order data:</i>	<i>technical / data questions:</i>										
DRI-WEFA	DRI-WEFA										
John Johnson	Adrienne Ortyl										
(415) 293-8519	(781) 860-6557										
	adrienne.ortyl@dri-wefa.com										
Data Format:	MS Excel spreadsheet										
Method of Procurement:	Order data by contacting DRI-WEFA (San Francisco office) Series: United States, California, and metro areas (see details below)										
Data Complexities:	DRI-WEFA provides data for all chosen competitor metro areas. However, Miami and Fort Lauderdale figures are reported as separate series. The Miami and Fort Lauderdale series are combined using a weighted average, based on employment shares, to represent the Miami-Fort Lauderdale, FL CMSA.										
Comments:											
Update Date:	DRI-WEFA continually updates data. For purposes of this project, updating once per year (at mid-year point) is recommended.										

Data Procurement Documentation																															
Indicator:	University Patent Licensing Revenue (proceeds from licensed patents)																														
Source:	University of California, San Diego San Diego State University Chronicle of Higher Education Association of University Technology Managers																														
Source Type:	information from universities published reports																														
Contact Information:	<p><i>local information:</i></p> <table border="0"> <tr> <td>University of California, San Diego</td> <td>San Diego State University</td> </tr> <tr> <td>Technology Transfer and Intellectual Property</td> <td>Technology Transfer Office</td> </tr> <tr> <td>Alexa Falkenstein, Special Asst. to the Director</td> <td>Dr. Stuart Gordon, Director</td> </tr> <tr> <td>9500 Gilman Drive</td> <td>(619) 594-0516</td> </tr> <tr> <td>Mail Code 0901</td> <td>stu.gordon@foundation.sdsu.edu</td> </tr> <tr> <td>La Jolla, CA 92093-0910</td> <td>http://www.foundation.sdsu.edu/tto/</td> </tr> <tr> <td>(858) 534-5815</td> <td></td> </tr> <tr> <td>invent@ucsd.edu (or) Afalkenstein@ucsd.edu</td> <td></td> </tr> <tr> <td>http://invent.ucsd.edu</td> <td></td> </tr> </table> <p><i>national information:</i></p> <table border="0"> <tr> <td>Association of University Technology Managers</td> <td>Chronicle of Higher Education</td> </tr> <tr> <td>60 Revere Drive, Suite 500</td> <td>1255 23rd St. N.W., Suite 700</td> </tr> <tr> <td>Northbrook, IL 60062</td> <td>Washington, DC 20037</td> </tr> <tr> <td>(847) 559-0846</td> <td>(202) 466-1000</td> </tr> <tr> <td>autm@autm.net</td> <td>help@chronicle.com</td> </tr> <tr> <td>http://www.autm.net/index_ie.html</td> <td>http://chronicle.com/</td> </tr> </table>	University of California, San Diego	San Diego State University	Technology Transfer and Intellectual Property	Technology Transfer Office	Alexa Falkenstein, Special Asst. to the Director	Dr. Stuart Gordon, Director	9500 Gilman Drive	(619) 594-0516	Mail Code 0901	stu.gordon@foundation.sdsu.edu	La Jolla, CA 92093-0910	http://www.foundation.sdsu.edu/tto/	(858) 534-5815		invent@ucsd.edu (or) Afalkenstein@ucsd.edu		http://invent.ucsd.edu		Association of University Technology Managers	Chronicle of Higher Education	60 Revere Drive, Suite 500	1255 23rd St. N.W., Suite 700	Northbrook, IL 60062	Washington, DC 20037	(847) 559-0846	(202) 466-1000	autm@autm.net	help@chronicle.com	http://www.autm.net/index_ie.html	http://chronicle.com/
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Data Format:	local: telephone interview with university staff national: published report																														
Method of Procurement:	Contact local university technology management offices for annual figures (see above) National data are published in the Chronicle for Higher Education, or can be obtained by contacting the Association of University Technology Managers.																														
Data Complexities:	National data are reported by institution, not by metro. California totals were determined by summing figures for all institutions in the state.																														
Comments:																															
Update Date:	end of fiscal year																														

Data Procurement Documentation																																																					
Indicator:	Venture Capital - firms funded and dollars invested																																																				
Source:	Venture Economics / National Venture Capital Association																																																				
Source Type:	electronic files from organization																																																				
Contact Information:	Venture Economics Joshua Radler (973) 353 7139 Joshua.Radler@tfsnj-ims.tfn.com http://www.ventureeconomics.com/																																																				
Data Format:	MS Excel spreadsheet																																																				
Method of Procurement:	Order data, sorted by area code, by contacting Venture Economics																																																				
Data Complexities:	<p>The data are sorted by telephone area codes. While these do not exactly match the Census Bureau's definitions of metropolitan areas, they provide a reasonable approximation.</p> <table border="0"> <thead> <tr> <th><i>metro</i></th> <th><i>area code(s)</i></th> <th><i>metro</i></th> <th><i>area code(s)</i></th> </tr> </thead> <tbody> <tr> <td>Atlanta</td> <td>404, 770</td> <td>Portland</td> <td>503</td> </tr> <tr> <td>Austin</td> <td>512, 737</td> <td>Raleigh</td> <td>919</td> </tr> <tr> <td>Baltimore</td> <td>410</td> <td>Sacramento</td> <td>530, 916</td> </tr> <tr> <td>Boston</td> <td>351, 508, 617, 774, 781, 857, 978</td> <td>San Diego</td> <td>619, 760, 858</td> </tr> <tr> <td>Denver</td> <td>303</td> <td>San Francisco</td> <td>415, 650</td> </tr> <tr> <td>Houston</td> <td>713</td> <td>San Jose</td> <td>408, 925</td> </tr> <tr> <td>Miami</td> <td>305, 954</td> <td>Seattle</td> <td>206, 253, 360, 425</td> </tr> <tr> <td>Minneapolis</td> <td>612</td> <td>Tampa</td> <td>727, 813</td> </tr> <tr> <td>Norfolk</td> <td>757</td> <td>Wash. DC</td> <td>202, 540, 571, 703</td> </tr> <tr> <td>Orange</td> <td>714, 949</td> <td></td> <td></td> </tr> <tr> <td>Phoenix</td> <td>480, 520, 602, 623</td> <td></td> <td></td> </tr> <tr> <td>Pittsburgh</td> <td>412</td> <td></td> <td></td> </tr> </tbody> </table>	<i>metro</i>	<i>area code(s)</i>	<i>metro</i>	<i>area code(s)</i>	Atlanta	404, 770	Portland	503	Austin	512, 737	Raleigh	919	Baltimore	410	Sacramento	530, 916	Boston	351, 508, 617, 774, 781, 857, 978	San Diego	619, 760, 858	Denver	303	San Francisco	415, 650	Houston	713	San Jose	408, 925	Miami	305, 954	Seattle	206, 253, 360, 425	Minneapolis	612	Tampa	727, 813	Norfolk	757	Wash. DC	202, 540, 571, 703	Orange	714, 949			Phoenix	480, 520, 602, 623			Pittsburgh	412		
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Comments:																																																					
Update Date:	Typically after March of the following year.																																																				

Data Procurement Documentation	
Indicator:	Water Quality Index
Source:	US Environmental Protection Agency, Index of Watershed Indicators
Source Type:	website
Contact Information:	Environmental Protection Agency Surf Your Watershed Mail Code 4503F 401 M Street SW Washington, D.C. 20460 http://www.epa.gov
Data Format:	map-based web application
Method of Procurement:	http://www.epa.gov Section: Water http://www.epa.gov/ebtpages/water.html Section: "EPA's Surf Your Watershed" http://www.epa.gov/surf/ Section: "Locate Your Watershed" http://cfpub.epa.gov/surf/locate/map2.cfm Section: regions (search by map or list) for all competitor metro areas (see details below) Data: Index of Watershed Indicators Section: state and national figures approximated using the average index score of all reported watersheds California: http://www.epa.gov/iwi/states/CA/ Nation: http://www.epa.gov/iwi/1999sept/catalog.html
Data Complexities:	In all cases, watersheds do not correspond exactly with metropolitan areas. In most cases, metro areas include more than one watershed. Details on following page.
Comments:	
Update Date:	Data are generally released bi-annually

Watersheds and Metro Regions	Reason for choosing selected watershed
03070103 Upper Ocmulgee; state(s): GA	incl. Atlanta on border of watershed
03130002 Middle Chattahoochee-Lake Harding; state(s): AL, GA Atlanta, GA MSA	incl. Atlanta on border of watershed <i>average of above-listed watersheds</i>
12090205 Austin-Travis Lakes; state(s): TX	incl. Austin
12100203 San Marcos; state(s): TX Austin-San Marcos, TX MSA	inc. San Marcos <i>average of above-listed watersheds</i>
02060003 Gunpowder-Patapsco; state(s): MD, PA Baltimore	incl. Baltimore
01090001 Charles; state(s): MA Boston	incl. Boston
10190003 Middle South Platte-Cherry Creek; state(s): CO Denver-Boulder-Greeley	falls into Denver, Boulder-Longmont and Greeley
12040104 Buffalo-San Jacinto; state(s): TX Houston	incl. Houston
03090202 Everglades; state(s): FL Miami-Fort Lauderdale	incl. Miami and Ft. Lauderdale
07010206 Twin Cities; state(s): MN Minneapolis-St.Paul	incl. Minneapolis and St. Paul
02080208 Hampton Roads; state(s): VA Norfolk-Virginia Beach-Newport News	incl. Norfolk
18070204 Newport Bay; state(s): CA Orange, CA PMSA	incl. Santa Ana and Irvine - borders Orange
15060106 Lower Salt; state(s): AZ Phoenix-Mesa	incl. Phoenix, Mesa, Glendale
05010009 Lower Allegheny; state(s): PA Pittsburgh	incl. Pittsburgh, but at very border of watershed
17090012 Lower Willamette; state(s): WA, OR	incl. Portland
17090007 Middle Willamette; state(s): OR Portland-Salem	incl. Salem <i>average of above-listed watersheds</i>
03020201 Upper Neuse; state(s): NC Raleigh-Durham-Chapel Hill	incl. Raleigh and Durham
18020109 Lower Sacramento; state(s): CA Sacramento	incl. Sacramento and falls into Yolo County
18070304 San Diego; state(s): CA San Diego	incl. San Diego
18050004 San Francisco Bay; state(s): CA San Francisco	incl. San Francisco
18050003 Coyote; state(s): CA San Jose	incl. San Jose
17110019 Puget Sound; state(s): WA Seattle-Tacoma-Bremerton	incl. Seattle, Tacoma and Bremerton
03100205 Hillsborough; state(s): FL	incl. Tampa, but at the edge, and mostly other MSA
03100206 Tampa; state(s): FL Tampa-St. Petersburg-Clearwater	incl. St. Petersburg, and borders Tampa <i>average of above-listed watersheds</i>
02070008 Middle Potomac-Catoctin; state(s): DC, MD, VA, WV Washington, DC	incl. Washington, DC
California	Average of all reported watershed scores
United States	Average of all reported watershed scores

Data Procurement Documentation

Indicator:	Waterborne Cargo Tonnage																
Source:	US Army Corps of Engineers, Annual Waterborne Commerce of the United States (WCUS) report																
Source Type:	website																
Contact Information:	<p>US Army Corps of Engineers Waterborne Commerce Statistics Center (WCSC) PO BOX 61280 New Orleans, LA 70161-1280 (504)862-1424 http://www.usace.army.mil/ Peggy Galliano peggy.a.galliano@mvn02.usace.army.mil</p>																
Data Format:	Acrobat Reader files of annual report																
Method of Procurement:	<p>http://www.usace.army.mil/ Section: "Services for the Public" - "Navigation" http://www.usace.army.mil/public.html#Navigation Section: "Navigation Data Center" http://www.wrsc.usace.army.mil/ndc/index.htm Section: "Waterborne Commerce" http://www.wrsc.usace.army.mil/ndc/wcsc.htm Report: "Waterborne Commerce of the United States" (multiple years) Table: "Part 1 - Atlantic Coast" Series: "Comparative Statement of Traffic" (in thousands of short tons) for Salem Harbor, Portsmouth, Port of Boston, Cape Cod Canal, New Bedford, and Fairhaven, Fall River, Baltimore, Norfolk, Virginia Beach, Hampton Roads, Newport News, Port Everglades, Miami Table: "Part 2 - Gulf Coast, Mississippi River System and Antilles" Series: "Comparative Statement of Traffic" (in thousands of short tons) for Minneapolis, St. Paul, Port of Pittsburgh, Houston, Tampa, Washington Table: "Part 4 - Pacific Coast, Alaska and Hawaii" Series: "Comparative Statement of Traffic" (in thousands of short tons) for San Diego, Sacramento, San Francisco, Redwood City, Multnomah Channel, Oregon Slough, Vancouver, Portland, Olympia, Tacoma, Seattle, Everett Table: "Part 5 - National Summaries of Domestic and Foreign Waterborne Commerce" Series: "Comparative Statement of Traffic" (in thousands of short tons) for California and the United States (see detailed port descriptions below)</p>																
Data Complexities:	<p>Several metro areas encompass more than one port. These are as follows:</p> <table border="0"> <tr> <td><i>metro</i></td> <td><i>harbors / ports</i></td> </tr> <tr> <td>Boston</td> <td>Boston, Cape Cod, New Bedford and Salem, MA and Portsmouth, NH. <i>is Fall River included or not?</i></td> </tr> <tr> <td>Miami</td> <td>Miami and Port Everglades, FL</td> </tr> <tr> <td>Minneapolis</td> <td>Minneapolis, MN and St. Paul, WI</td> </tr> <tr> <td>Norfolk data</td> <td>Norfolk, Virginia Beach, Newport News and Hampton Roads, VA</td> </tr> <tr> <td>Portland</td> <td>Portland, the Multanoma Channel & Oregon Slough, OR and Vancouver, WA</td> </tr> <tr> <td>San Francisco</td> <td>Redwood city and San Francisco, CA</td> </tr> <tr> <td>Seattle</td> <td>Everett, Olympia, Seattle and Tacoma, WA</td> </tr> </table>	<i>metro</i>	<i>harbors / ports</i>	Boston	Boston, Cape Cod, New Bedford and Salem, MA and Portsmouth, NH. <i>is Fall River included or not?</i>	Miami	Miami and Port Everglades, FL	Minneapolis	Minneapolis, MN and St. Paul, WI	Norfolk data	Norfolk, Virginia Beach, Newport News and Hampton Roads, VA	Portland	Portland, the Multanoma Channel & Oregon Slough, OR and Vancouver, WA	San Francisco	Redwood city and San Francisco, CA	Seattle	Everett, Olympia, Seattle and Tacoma, WA
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