



California Farmland Conversion Report 2002-2004



State of California
Arnold Schwarzenegger
Governor

Resources Agency
Mike Chrisman
Secretary for Resources

Department of Conservation
Bridgett Luther
Director

California Department of Conservation

Division of Land Resource Protection (DLRP)

Our Mission:

The Division of Land Resource Protection provides information, maps, funding and technical assistance to local governments, consultants, Resource Conservation Districts and non-profit organizations statewide with the goal of conserving the state's agricultural and natural resources.



Farmland Mapping and Monitoring Program (FMMP)

The Program:

The Farmland Mapping and Monitoring Program provides consistent, timely and accurate land use data for assessing present status, reviewing trends, and planning for the future of California's agricultural land resources.

For further information, please contact:

California Department of Conservation
Division of Land Resource Protection
Farmland Mapping and Monitoring Program
801 K Street, MS 18-01
Sacramento, CA 95814-3528
(916) 324-0859
FAX (916) 327-3430
TDD (916) 324-2555

email: fmmp@conservation.ca.gov
www.conservation.ca.gov/dlrp/fmmp

Cover Graphics

Front: Fuyu persimmon in fall, Sacramento

Back: Digital imagery from the U. S. Department of Agriculture's National Agricultural Imagery Program, NASA's ER-2 aircraft, and LANDSAT 7 satellite. Example encompasses the Sacramento International Airport and vicinity.

© 2006, *California Department of Conservation*

All rights reserved. Fair use of this report for a non-commercial, educational, research or scientific purpose is not a violation of copyright. However, no part of the contents of this report may be reproduced, transmitted, or distributed in any form or by any means, electronic or mechanical, for any purpose without the express written permission of the Department of Conservation, Division of Land Resource Protection.

California Farmland Conversion Report 2002 - 2004

*California Department of Conservation
Division of Land Resource Protection*

Farmland Mapping and Monitoring Program

December 2006

Acknowledgements

MANY INDIVIDUALS AND ORGANIZATIONS HAVE CONTRIBUTED TO THIS REPORT AND THE GIS DATA FROM WHICH IT WAS DERIVED.

Farmland Mapping and Monitoring Program Staff

Molly Penberth, Manager
Larelle Burkham-Greydanus
Janet Carey
Diane Golling
Patrick Hennessy
Dr. MD Murshidul Hoque
Kerri Kisko
Michael Kisko
Judith Santillan

With the assistance of Rain Ananael, Joel Bonilla, and Chee Vue.
Thanks also to all past FMMP staff members for their cumulative contributions.

Division of Land Resource Protection

Brian Leahy, Assistant Director
Emily Kishi, Administrative Liaison

With office support from Deanna Dobrinen and Jacquelyn Ramsey.

Principal Data Sources include soil surveys produced by the U.S. Department of Agriculture-Natural Resources Conservation Service and aerial imagery acquired by the High Altitude Missions Branch of NASA. Current and historic satellite data by permission of SPOT Data Corporation and EROS Data Center. Additional photography sources included AirPhotoUSA and the U.S. Department of Agriculture National Agricultural Imagery Program.

Cultural base information for the Important Farmland Maps was derived from the U.S. Geological Survey, with updates generated by digitizing over current imagery.

Additional data on land management and land use conversion activity was made available from the U. S. Fish and Wildlife Service, U. S. Forest Service, California Department of Fish and Game, the California Integrated Waste Management Board, and various local government agencies.

Map reviewer comments contribute substantially to improving the quality of the information. These reviewers include county and city planning offices, county agricultural commissioners, resource conservation districts, Natural Resources Conservation Service district conservationists, California Farm Bureau Federation, University of California Cooperative Extension, California Cattlemen's Association, local water and irrigation districts, public interest groups, and building industry representatives. Many of these groups also participated in development of the Farmland of Local Importance definitions for their respective counties.



DEPARTMENT OF CONSERVATION

DIRECTOR'S OFFICE

801 K STREET • MS 24-01 • SACRAMENTO, CALIFORNIA 95814

PHONE 916 / 322-1080 • FAX 916 / 445-0732 • TDD 916 / 324-2555 • WEB SITE conservation.ca.gov

April 2007

Dear Land Conservation Partner:

On behalf of the Department of Conservation I am pleased to present the **California Farmland Conversion Report 2002-2004**. This analysis of agricultural land use conversion trends, based on detailed geographic information system mapping, is the tenth biennial report of the Farmland Mapping and Monitoring Program (FMMP).

The FMMP was established more than 20 years ago to document the location and extent of California's important farmlands, and to report on how they change over time. The Important Farmland Maps are used in the planning process to gauge the impact of planning decisions on agricultural land throughout the state. Population projections and today's environmental challenges make this information more important than ever.

Farm and grazing lands in California decreased by nearly 267 square miles (170,982 acres) between 2002 and 2004. The highest-quality agricultural soils, known as Prime Farmland, comprised 46 percent of the loss (78,575 acres). Urban land increased by 101,825 acres, a ten percent increase relative to the 2000-2002 reporting period. Other types of conversion were substantial as well: land idling, conversion to wildlife areas, low-density residential uses, and confined animal agriculture facilities. The report contains county and regional summaries of the dynamics that occurred beyond the urban edge, providing context for larger planning issues.

Identifying strategic farmland resources is an important first step in maintaining California's agricultural vitality. The Department of Conservation thanks the agricultural organizations and local governments that work with us to produce these useful tools for conservation planning.

Sincerely,

Bridgett Luther
Director

Table of Contents

EXECUTIVE SUMMARY	1
1 The Farmland Mapping and Monitoring Program	3
Important Farmland Map Categories.....	5
2 2002-2004 Improvements	7
3 Understanding the Data	9
4 Land Use Conversion, 2002-2004.....	11
Urbanization.....	12
Other Changes Affecting Agriculture	17
Net Land Use Change	22
 APPENDIX A 2002-2004 County Conversion Tables	 25
APPENDIX B 2002 and 2004 County Acreage Tallies.....	73
APPENDIX C County and Regional Conversion Summaries	77
APPENDIX D Rural Land Mapping County Tables.....	81
APPENDIX E Farmland of Local Importance Definitions	86
 FIGURES	
Figure 1 FMMP Survey Area.....	4
Figure 2 Conversion Table Structure.....	9
Figure 3 FMMP Regions.....	10
Figure 4 Statewide Acreage Change	11
Figure 5 Sources of Urban Land 2002-2004.....	15
Figure 6 Air Photo Examples.....	16
Figure 7 Land Removed from Irrigated Agriculture 2002-2004 ..	17
Figure 8 Rural Land Mapping Data 2002 and 2004.....	19
Figure 9 Conversions to Irrigated Farmland 2002-2004.....	21
Figure 10 Distribution of Prime Farmland 2004.....	23
 TABLES	
Table 1 Butte County Important Farmland 2004	7
Table 2 Top Overall Urban Ranks.....	12
Table 3 Regional Urbanization Ranks	12
Table 4 California Farmland Conversion Summary 2002-2004 ..	13
Table 5 Top Irrigated to Urban Ranks	14
Table 6 Changes and Improvements to Rural Residential Data..	20
Table 7 Largest Net Decreases in Irrigated Farmland	22
Table 8 Largest Net Increases in Irrigated Farmland.....	22
Table 9 Urban and Low-Density Development Increases 2002-2004	23

Appendix A: 2002-2004 County Conversion Tables

Table A-1	Alameda	26
Table A-2	Amador	27
Table A-3	Colusa	28
Table A-4	Contra Costa	29
Table A-5	El Dorado	30
Table A-6	Fresno	31
Table A-7	Glenn	32
Table A-8	Imperial	33
Table A-9	Kings	34
Table A-10	Lake	35
	Lassen (see Sierra Valley)	59
Table A-11	Los Angeles	36
Table A-12	Madera	37
Table A-13	Marin	38
Table A-14	Mariposa	38
Table A-15	Merced	40
Table A-16	Modoc	41
Table A-17	Monterey	42
Table A-18	Napa	43
Table A-19	Nevada	44
Table A-20	Orange	45
Table A-21	Placer	46
	Plumas (see Sierra Valley)	59
Table A-22	Riverside	47
Table A-23	Sacramento	48
Table A-24	San Benito	49
Table A-25	San Bernardino	50
Table A-26	San Diego	51
Table A-27	San Joaquin	52
Table A-28	San Luis Obispo	53
Table A-29	San Mateo	54
Table A-30	Santa Barbara	55
Table A-31	Santa Clara	56
Table A-32	Santa Cruz	57
Table A-33	Shasta	58
Table A-34	Sierra Valley (Lassen/Plumas/Sierra)	59
Table A-35	Siskiyou	60
Table A-36	Solano	61
Table A-37	Sonoma	62
Table A-38	Stanislaus	63
Table A-39	Sutter	64
Table A-40	Tehama	65
Table A-41	Tulare	66
Table A-42	Ventura	67
Table A-43	Yolo	68
Table A-44	Yuba	69
Table A-45	Butte - Interim Farmland Area	70

Table A-46	Kern - Important Farmland Area	71
Table A-47	Kern - Interim Farmland Area	72

Appendix B: 2002 and 2004 County Acreage Tallies

Table B-1	Important Farmland Acreage Summary 2002	74
Table B-2	Important Farmland Acreage Summary 2004.....	75
Table B-3	Important Farmland Acreage Summary, By Region, 2004.....	76

Appendix C: County and Regional Conversion Summaries

Table C-1	Sources of Urban Land 2002-2004 and Land Committed to Nonagricultural Use.....	78
Table C-2	Irrigated Farmland Changes 2002-2004.....	79
Table C-3	Net Change in Irrigated Land 2002-2004.....	80

Appendix D: Rural Land Mapping County Tables

Table D-1	Fresno	82
Table D-2	Madera.....	83
Table D-3	Merced	84
Table D-4	Stanislaus.....	85



Executive Summary

PRIME FARMLAND, AND IMPORTANT FARMLAND AS A WHOLE, DECREASED BY RECORD AMOUNTS DURING THE 2002-2004 PERIOD. URBANIZATION WAS RESPONSIBLE FOR 60% OF FARM AND GRAZING LAND LOSSES.

Farm and grazing lands in California decreased by nearly 267 square miles (170,982 acres) between 2002 and 2004 as documented by the Farmland Mapping and Monitoring Program (FMMP). The highest-quality agricultural soils, known as Prime Farmland, comprised 46% of the loss (78,575 acres). Accelerated urban development in the San Joaquin Valley and other inland locations contributed to a 10% increase in statewide urbanization relative to the 2000-02 period (101,825 and 92,750 acres, respectively).

The FMMP biennial mapping survey covers approximately 91% of the privately owned land in the state (45.9 million acres) in 48 counties. Land use information is gathered using air photos, land management data, and other information which is combined with soil quality data in a geographic information system (GIS) to produce maps and statistics. The earliest data for most counties is from 1984.

Both higher urbanization rates and a larger share of new urban lands for inland counties characterized development patterns during the 2004 mapping cycle. Ten counties accounted for 65% of all urbanization, led by Riverside and San Bernardino at 23% of the statewide total. Three San Joaquin Valley counties (Kern, Stanislaus, and Fresno) captured 16% of the total, while counties along the coast (San Diego and Orange) and in the Sacramento area (Placer and Sacramento) accounted for 11% and 10%, respectively. Contra Costa County was the sole San Francisco Bay area representative on the top urbanizing list, with less than 4% of the statewide increase.

Urbanization in the San Joaquin Valley increased by 10% compared with the 2002 update. Kern County had the largest increase, 37%, and ranked third among all counties for development between 2002 and 2004 (8,610 acres). The San Joaquin Valley as a whole represented the largest acreage of Prime Farmland to urban conversion; 12 % of all new urban land in California had been classified as Prime in San Joaquin Valley counties. While 41% of new urban areas in Kern County derived from Prime Farmland, Tulare (73%) and Stanislaus (70%) counties had the highest ratios of Prime to urban land conversion.

DOCUMENTATION

Detailed reports describing change in each county are available on the FMMP web site:

conservation.ca.gov/dlrp/fmmp

Housing was the largest component of new urban acreage, with developments ranging from small infill sites to planned community units of 600 acres or more. Commercial uses (shopping, offices) and community facilities (schools, parks) occurred in concert with the residential developments. Large site-specific developments included warehouse distribution facilities (Kern, Riverside, and San Bernardino counties), and institutions such as Kern Valley State Prison (Kern County).

Commodity markets and other factors impact land management decisions, causing shifts both in and out of irrigated agricultural use. Conversion from grasslands to orchards, vineyards, and specialty crops were frequent in the late 1990s and early 2000s, but slowed significantly between the 2002 and 2004 updates (from 173,523 to 80,598 acres). Most of the newly irrigated areas were along the Sierra or Coast range foothills, or in high desert valleys of Southern California. Two-thirds of the land brought into irrigated uses did not meet Prime Farmland criteria.

Land was removed from irrigated categories--to uses aside from urban--at almost the same rate as the prior update (189,980 acres in 2000-02 and 188,109 acres in 2002-04). This includes land idling, non-irrigated cropping, conversion to wildlife areas, low-density residential uses, mining, or confined animal agriculture facilities. Land idling and dry cropping were most prevalent along the trough and western side of the San Joaquin Valley. Idling was also common at the perimeter of many cities in the rapidly urbanizing counties.

Expansions of wildlife areas or changes in how they are managed also impacted agricultural land totals. In the largest example, data from Siskiyou County's multiple refuges was used to document a net decrease of nearly 17,000 acres of irrigated land in recent years, nearly half of which continues to support seasonal grazing. Smaller conversions of this type occurred in Butte, Colusa, and Fresno counties.

Rural residential areas and confined animal agriculture facilities expanded in four San Joaquin Valley counties that are covered by the more detailed Rural Land Mapping categories. This pilot project, ranging from Stanislaus to Fresno counties, subdivided the miscellaneous Other Land category into four new classes to better document non-urban conversions. Between 2002-04, confined animal agriculture acreage increased by 11% (to 39,435 acres), mostly for dairies. Rural residential acreage grew by 2.5% (to 80,543 acres), with the highest percentage increase in Merced County. Vacant land and nonagricultural vegetation increased by less than 2% each.

Nearly 40% of conversions out of agricultural uses statewide were to Other Land in the most recent update, an indicator that agricultural land use dynamics in California are more complex than urbanization alone. Given today's demographic and environmental challenges, statewide detail on rural land use conversions may prove valuable in the conservation of critical farm and open space resources.



The Farmland Mapping and Monitoring Program

DOCUMENTING CHANGES IN AGRICULTURAL LAND USE SINCE 1984.

The goal of the Farmland Mapping and Monitoring Program (FMMP) is to provide consistent, timely and accurate data to decision makers for use in assessing present status, reviewing trends, and planning for the future of California's agricultural land resources.

Approximately 91% of the privately owned land in the state (45.9 million acres) was mapped this update cycle by FMMP. The survey area is shown on the following page (Figure 1). Each map is updated every two years, providing an archive for tracking land use change over time.

Using a geographic information system (GIS), air photos, local input, and other information, FMMP combines soil quality data and current land use information to produce Important Farmland Maps. The program is funded through the state's Soil Conservation Fund. This fund receives revenues from Williamson Act contract cancellation fees.

Technology advances have supported significant data improvements in recent years, including the incorporation of digital soil survey data and the use of detailed digital imagery. Similarly, the number of products available has grown with the requirements of users - including printed maps, statistics, field reports, and GIS data. The maps and data are used in environmental studies to assess the impacts of proposed development on agricultural and open space land. In recent years, FMMP data has become widely used in urbanization and environmental modeling, and comparative land cover studies.

REFERENCES

FMMP is authorized under California Government Code §65570.

Current and historic data can be accessed at the FMMP web site: conservation.ca.gov/dlrp/fmmp

In addition, only land that is classified in one of the four main agricultural categories on Important Farmland maps is eligible for enrollment in Farmland Security Zone (FSZ) contracts. Under FSZ contracts, landowners receive substantial property tax benefits for committing to keep their land in agricultural use for 20-year periods.

This is the tenth Farmland Conversion Report produced by the FMMP, the current report covering the 2002 to 2004 period.

Farmland Mapping and Monitoring Program Survey Area 2004

The 'Irrigated Farmland' area below includes Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and the Irrigated Land category in Interim mapping areas. The 'Dryland Farming and Grazing Land' designation includes the Farmland of Local Importance and Nonirrigated Farmland classes as well as the extent of Grazing Land.

Locations shown as 'Out of Survey Area' may be added in the future, while those indicated as 'Local, State, and Federal Owned Land' are not planned for incorporation. Examples of government owned land include National Parks, Forests, and Bureau of Land Management lands. Please note that small areas of public land are included in the FMMP survey area - generally appearing as 'Other Land' on the map below.



FIGURE 1
FMMP
SURVEY AREA

Important Farmland Map Categories

About 95% of FMMP's study area is covered by U.S. Department of Agriculture (USDA) modern soil surveys. Technical ratings of the soils and current land use information are combined to determine the appropriate map category. The minimum land use mapping unit for all categories is 10 acres unless otherwise noted.

Prime Farmland has the best combination of physical and chemical features able to sustain long-term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Farmland of Statewide Importance is similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Unique Farmland consists of lesser quality soils used for the production of the state's leading agricultural crops. This land is usually irrigated, but may include nonirrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the four years prior to the mapping date.

Farmland of Local Importance is land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee. The definitions for this category are detailed in Appendix E of this report.

Grazing Land is land on which the existing vegetation is suited to the grazing of livestock. This category was developed in cooperation with the California Cattlemen's Association, University of California Cooperative Extension, and other groups interested in the extent of grazing activities.

Urban and Built-up Land is occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. Common examples include residential, industrial, commercial, institutional facilities, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, and water control structures.

Other Land is land not included in any other mapping category. Common examples include low density rural developments; vegetative and riparian areas not suitable for livestock grazing; confined animal agriculture facilities; strip mines, borrow pits; and water bodies smaller than 40 acres. Vacant and nonagricultural land surrounded on all sides by urban development and greater than 40 acres is mapped as Other Land. More detailed data on these uses is available in Rural Land Use Mapping counties (page 6).

Water - perennial water bodies with an extent of at least 40 acres.

RURAL LAND USE MAPPING

The Rural Land Mapping project provides more map and statistical detail than standard Important Farmland Map products by delineating Other Land into four subcategories, as described below.

Rural Residential and Rural Commercial includes residential areas of one to five structures per ten acres, farmsteads, small packing sheds, unpaved parking areas, composting facilities, firewood lots, campgrounds, and recreational water ski lakes.

Vacant or Disturbed Land consists of open field areas that do not qualify for an agricultural category, mineral and oil extraction areas, and rural freeway interchanges.

Confined Animal Agriculture includes aquaculture, dairies, feedlots, and poultry facilities.

Nonagricultural and Natural Vegetation covers heavily wooded, rocky or barren areas, riparian and wetland areas, grassland areas which do not qualify for Grazing Land due to their size or land management restrictions, and small water bodies. Constructed wetlands are also included in this category. The Rural Land classes are not designed for interpretation as habitat. Geographic data on the extent of habitat for various species may be available from other state and federal entities.

INTERIM MAPPING

Interim categories allow land use change monitoring until soil data becomes available. The categories below substitute for the categories of Prime, Statewide, Unique, and Local; all other categories are as described above. With the 2004 release of Butte County soil data, Kern County remains the only area where Interim categories apply.

Irrigated Farmland is land with a developed irrigation water supply that is dependable and of adequate quality. Land must have been used for irrigated agricultural production at some time during the four years prior to the mapping date.

Nonirrigated Farmland is land on which agricultural commodities are produced on a continuing or cyclic basis utilizing stored soil moisture. Wheat and other grains are the most common nonirrigated crops.

OPTIONAL DESIGNATION

Land Committed to Nonagricultural Use is defined as existing farmland, grazing land, and vacant areas that have a permanent commitment for development. This optional designation allows local governments to provide detail on the nature of changes expected to occur in the future. It is available both statistically and as an overlay to the Important Farmland Map.



2002-2004 Improvements

SOIL DATA ADDED TO BUTTE COUNTY; NEW MAP UPDATING AND SOIL DATA INCORPORATION PROCESS ADOPTED STATEWIDE; AND WEB SITE IMPROVEMENTS.

Each update cycle provides FMMP the opportunity to make improvements to the Important Farmland data, in order to achieve increased accuracy, process efficiency, or better reporting capabilities. During the 2002-04 update, improvements included the upgrade of Butte County from Interim to Important Farmland status, a streamlined method of incorporating digital soil data to the maps, better internal tracking systems for land in transition, and a more user-friendly web site interface. Many of these improvements were funded with a temporary augmentation FMMP received from the 2000 Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection Act (Proposition 13).

Butte County upgrade. The completion of the USDA-Natural Resources Conservation Service (NRCS) soil survey for Butte County allowed FMMP to upgrade

more than one million acres from Interim to Important Farmland status. This was carried out on the 2004 data, and the map is in draft status pending development of a Farmland of Local Importance category by local agencies.

County conversion statistics for 2002-2004 (Table A-45) are available using Interim classes, while draft 2004 statistics appear at left.

TABLE 1
BUTTE COUNTY
IMPORTANT
FARMLAND 2004

Butte County	
2004 Draft Important Farmland Map Acreages	
Prime Farmland	197,556
Farmland of Statewide Importance	22,324
Unique Farmland	24,958
Agricultural Land Not Otherwise Classified*	6,104
Grazing Land*	400,368
Urban and Built-up Land	43,819
Other Land*	355,500
Water Area	22,624
TOTAL AREA INVENTORIED	1,073,253

* During review process, the development and approval of a Farmland of Local Importance definition may impact the amount of land in these categories.

Digital mapping methodology – streamlined and complete statewide.

There are significant challenges to developing Important Farmland maps on a timely, consistent, and accurate basis. Taking advantage of evolving technology while meeting FMMP's biennial update mandate is one of the most creative aspects of the program. During the 2004 update, a new database for documenting land use conversion was developed and implemented. Staff now have an interface of pull down menus and codes to track the status of land in transition, allowing more detailed reporting and improved quality control of the field mapping process.

Digital soil data incorporation.

Concurrent with adoption of the new notation system, incorporation of NRCS digital soil survey data was completed statewide. The soil information used is NRCS' most detailed data level, referred to as SSURGO. This improvement allows FMMP to accurately represent the original soil maps and any modifications NRCS subsequently makes to the data. Because NRCS continues to revise and republish digital soil data, a system to compare SSURGO editions and determine whether the differences are sufficient to warrant adoption of the new edition was also developed.

D I G I T A L S O I L S

During the 2004 update, 24 counties had digital soil data incorporated for the first time. Fourteen counties had soil data replaced due to NRCS revisions affecting agricultural categories, and ten counties did not require replacement.

The SSURGO incorporation process impacts acreage totals for agricultural categories and Other Land. The impact is noticeable when comparing the 2002 acreages in this report to those published in the 2000-2002 report. While typically small, these variations may be a few thousand acres in specific instances - especially if Farmland of Local Importance definitions involve a soil component. In future updates, new releases of SSURGO data will be incorporated in a county if Important Farmland agricultural categories would be impacted by 100 acres or more.

Please contact FMMP with questions about these statistical anomalies and how to best use the published data from this or prior reports.

Web site search feature

As the volume of FMMP statistics, reports, and GIS data has increased, the need for a more intelligent system for retrieving the information became obvious. Working with the Department's Office of Technology Services, FMMP implemented a search feature that links users to all data available by county or region in early 2006.



Understanding the Data

LOCATING AND INTERPRETING THE CALIFORNIA FARMLAND CONVERSION REPORT'S TABULAR DATA AND GRAPHICS.

Important Farmland information is developed on an individual county basis, taking two years to map the 45.9 million acre survey area. This report begins with each county's information, compiling it in various ways to produce the assessment in Chapter 4.

County conversion tables - Appendix A. Includes acreage tallies and conversion data for individual counties. The figure below describes how conversion tables are constructed.

2002 and 2004 county acreage tallies – Appendix B. Values for the individual years (Tables B-1 and B-2) are extracted from Part I of the tables in Appendix A. These tables also indicate the proportion of each county within the FMMP survey area—mapping typically ends at the boundaries of National Forests, for example. Table B-3 shows this same information for 2004, grouped by region.

Statewide conversion summary – Chapter 4, Table 4. This table summarizes material from all three sections of the Appendix A information. The table now includes data on the Interim mapping areas.

FIGURE 2
CONVERSION
TABLE
STRUCTURE

TABLE 4
LAND USE CONVERSION SUMMARY (1)
 2002-2004 Land Use Conversion

DEPARTMENT OF CONSERVATION
 Division of Land Resource Protection
PART I
 Land Use Totals and Net Changes

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		1998-00 ACREAGE CHANGES				NET ACREAGE CHANGED
			ACRES LOST	ACRES GAINED	TOTAL ACREAGE CHANGED		
	2002	2004	(-)	(+)			
Prime Farmland (2)	3,873,658	3,834,070	84,183	44,595	128,778		-39,588
Farmland of Statewide Importance							-12,213
Unique Farmland (2)							24,676
Farmland of Local Importance							-6,030
IMPORTANT FARM LAND							-33,155
Grazing Land							-52,193
AGRICULTURAL LAND							-85,348
Urban and Built-Up Land	2,535,516	2,608,038	13,755	86,277	100,032		72,522
Other Land	9,011,609	9,018,671	54,898	61,960	116,858		7,062
Water Area	637,377	643,141	491	6,255	6,746		5,764
TOTAL AREA INVENTORIED	33,340,497	33,340,497	402,472	402,472	804,944		0

PART I:

Indicates county area mapped & overall change in each category.

Farmland Mapping and Monitoring Program
PART II
 Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE
PART II:	
Land expected to be developed (voluntary submission by local governments).	
TOTAL ACREAGE REPORTED	167,142

PART III Land Use Conversion from 2002 to 2004										
LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-Up Land	Other Land	Water Area
Prime Farmland (2)	to: --	4,446	3,071	34,383	41,900	11,385	53,285	16,661	12,162	2,075
Farmland of Statewide Importance										
Unique Farmland (2)										
Farmland of Local Importance										
IMPORTANT FARM LAND										
Grazing Land										
AGRICULTURAL LAND										
Urban and Built-Up Land										
Other Land										
Water Area	to: 0	8	0	22	30	119	149	81	261	--
TOTAL ACREAGE CONVERTED	to: 44,595	33,335	54,320	74,884	207,134	40,846	247,980	86,277	61,960	6,255

PART III:

Raw data from GIS provides detail on every acre of change that occurred. Changes result from revising the two-year-old linework based on new air photos and field verification.

FOOTNOTES:

1. This table provides information on large or unusual conversions and other descriptive material.

County and regional conversion summaries – Appendix C. The counties are grouped into geographic regions as seen in Figure 3.

Table C-1 Classifies sources of new urban land for the period, by county and region.

Table C-2 Identifies conversions in or out of agriculture aside from urbanization, capturing the ebb and flow of agricultural land use change over time.

Table C-3 Documents net agricultural change from all factors, grouped by region and ranked by acreage.

Much of the analysis in Chapter 4 is based on the data in Appendix C.

Rural Land Use conversion tables – Appendix D. Contains data on changes associated with a more detailed subdivision of the Other Land category. Data for four pilot counties is currently available.

Simplifying assumptions for analyses – In order to conduct comparative analysis, certain simplifying assumptions have been made. For example, Unique Farmland is considered to be an irrigated farmland category, even though a small percentage of land within the Unique Farmland category supports high value nonirrigated crops, such as some coastal vineyards.

Conversely, Farmland of Local Importance is considered to be a nonirrigated category although it also supports some irrigated pasture on lower-quality soils.

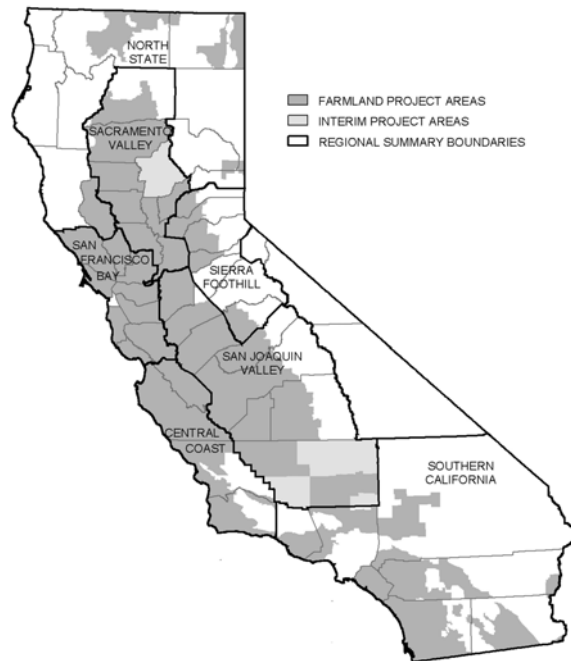
STATISTICAL NOTES

Residual polygons, those less than the 10- or 40-acre minimum land use mapping unit, are a natural result of the mapping process as changes are made to adjacent areas. In order to maintain map unit consistency, these small units are absorbed into the most appropriate adjacent land use type. This process results in shifts among categories that may appear

anomalous in the conversion statistics - such as urban to agriculture or Prime Farmland to Farmland of Statewide Importance.

Minimum units of analysis within the GIS database are 0.3 acres for land use changes. When digital soil information is incorporated from USDA, soil units of less than 1.0 acre have been merged with the next most appropriate category.

FIGURE 3
FMMP REGIONS





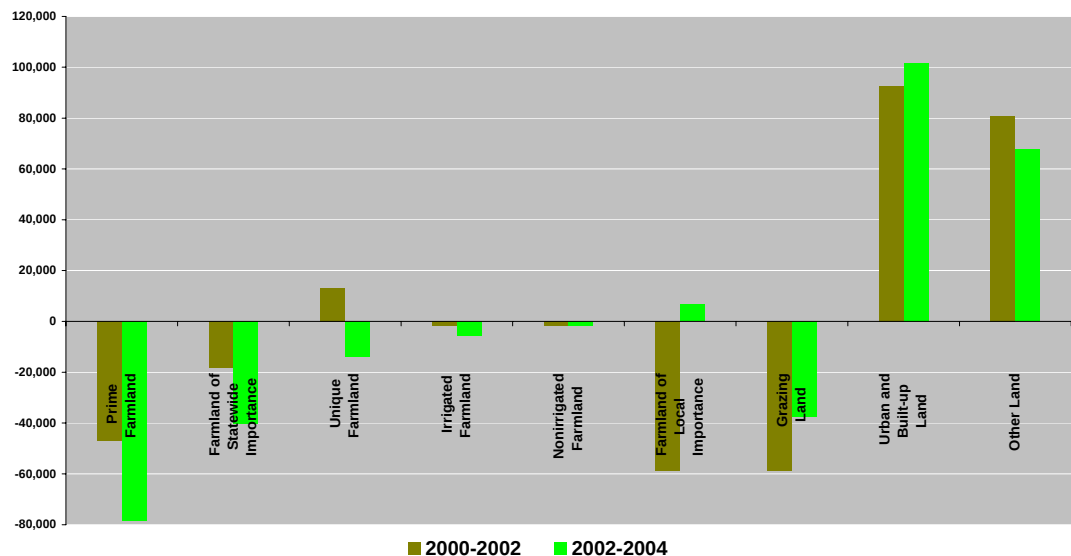
Land Use Conversion, 2002-2004

STATEWIDE URBANIZATION EXCEEDED 100,000 ACRES FOR THE FIRST TIME SINCE THE 1990 UPDATE. MULTIPLE FACTORS LED TO THE LARGEST DROP IN PRIME FARMLAND SINCE MAPPING BEGAN IN 1984.

California experienced record agricultural land decreases between 2002 and 2004, as overall urbanization increased by 10% relative to the 2000-02 period (101,825 and 92,750 acres, respectively). Yet urbanization alone did not account for the 78,575-acre net loss in Prime Farmland between 2002 and 2004. Land idling, ecological restoration projects, and other conversions also contributed to a net loss of 138,644 acres of irrigated land statewide.

One trend that had helped offset agricultural land losses in the last decade has declined in recent years. This was the conversion of grazing and pasture areas to vineyards, orchards and specialty crops. Agricultural upgrades of this kind totaled 80,598 acres between 2002 and 2004, less than half of the 2000-02 acreage. The recent changes in each Important Farmland category are seen in Figure 4, below.

FIGURE 4
STATEWIDE
ACREAGE
CHANGE



Information in this chapter is based on statewide Table 4 (page 13), summary tables in Appendix C, and county field analyst reports. Field analyst reports are available on the FMMP web site.

Urbanization

Development continued to focus on inland locations during the 2002-04 period, at higher rates than had occurred in the prior update (Table 2). Only two of the top ten urbanizing counties, San Diego and Orange, were coastal counties, while the “inland empire” counties of Riverside and San Bernardino accounted for 23% of urban land increases statewide. The San Joaquin Valley had three counties in the top ten (Kern,

Stanislaus, and Fresno), and the Sacramento area posted two in the top ranks (Sacramento and Placer counties). Contra Costa County was the sole representative of the San Francisco Bay area in the fastest urbanizing group.

Historically the San Francisco Bay Area ranked second in urbanization to Southern California. The San Joaquin Valley moved into the second rank of this conversion type

during the 2000-02 update; and in 2002-04, the Sacramento Valley’s urbanization also bypassed that of the Bay Area (Table 3). Sacramento County’s newly urbanized acreage more than doubled between the two updates; this coupled with increased urbanization in Shasta and Tehama counties resulted in accelerated growth for the region. Also of note in Table 3 is the difference in urbanizing acreage for the Central Coast and North State regions between the two updates. The 2004 statistics are more representative of historic urbanization rates; while the 2002 figures represent improvements made to the data with the first time use of detailed digital imagery.

TABLE 2
TOP OVERALL
URBAN RANKS

Urbanization from All Categories			
Top Ten Counties - net acres			
2000-2002		2002-2004	
San Bernardino	12,133	Riverside	14,406
San Diego	8,807	San Bernardino	9,314
Riverside	8,050	Kern	8,610
Kern	6,265	San Diego	6,130
San Joaquin	6,211	Sacramento	5,726
Placer	5,408	Placer	5,328
Orange	4,609	Contra Costa	4,987
Tulare	2,832	Stanislaus	4,361
Sacramento	2,741	Orange	4,191
Sonoma	2,711	Fresno	3,362

TABLE 3
REGIONAL
URBANIZATION
RANKS

Regional Urbanization Ranking			
net acres			
2000-02		2002-04	
Southern California	35,182	Southern California	40,036
San Joaquin Valley	22,655	San Joaquin Valley	24,845
San Francisco Bay	10,443	Sacramento Valley	13,102
Sierra Foothill	8,662	San Francisco Bay	11,859
Sacramento Valley	8,528	Sierra Foothill	9,797
Central Coast	4,099	Central Coast	2,176
North State	3,181	North State	10

Housing was the largest component of new urban acreage, with developments ranging from small infill sites, to density increases in rural areas, to planned community units of 600 acres or more. Commercial uses (shopping, offices) and community facilities (schools, parks)

occurred in concert with the residential developments. New water control facilities, landfill expansions, and energy plants occupied more than 1,250 acres in the ten counties listed above during the 2002-04 period. Golf course and resort developments were less extensive than in the prior update, but did account for more than 2,250 acres of conversion in the fastest-urbanizing counties.

TABLE 4
CALIFORNIA FARMLAND CONVERSION SUMMARY (1)
2002-2004

DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

Land Use Totals and Net Changes

LAND USE CATEGORY	2002-2004 ACREAGE CHANGES				
	TOTAL ACREAGE INVENTORIED		ACRES LOST (-)	ACRES GAINED (+)	NET ACREAGE CHANGED
	2002 (2)	2004			
Prime Farmland	5,154,782	5,076,207	108,028	29,453	-78,575
Farmland of Statewide Importance	2,731,723	2,691,258	56,850	16,385	-40,465
Unique Farmland	1,289,076	1,275,092	49,024	35,040	-13,984
Irrigated Farmland	542,422	536,802	9,120	3,500	-5,620
Nonirrigated Farmland	9,076	7,461	1,721	106	-1,615
Farmland of Local Importance	2,848,040	2,854,727	92,452	99,139	6,687
IMPORTANT FARMLAND SUBTOTAL	12,575,119	12,441,547	317,195	183,623	-133,572
Grazing Land	16,390,842	16,353,432	107,900	70,490	-37,410
AGRICULTURAL LAND SUBTOTAL	28,965,961	28,794,979	425,095	254,113	-170,982
Urban and Built-up Land	3,277,833	3,379,658	8,665	110,490	101,825
Other Land	12,902,121	12,969,764	79,139	146,782	67,643
Water Area	704,435	705,949	195	1,709	1,514
TOTAL AREA INVENTORIED	45,850,350	45,850,350	513,094	513,094	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	19,319
Farmland of Statewide Importance	3,469
Unique Farmland	6,058
Irrigated Farmland	7
Nonirrigated Farmland	0
Farmland of Local Importance	29,389
IMPORTANT FARMLAND SUBTOTAL	58,242
Grazing Land	56,023
AGRICULTURAL LAND SUBTOTAL	114,265
Urban and Built-up Land	0
Other Land	45,898
Water Area	0
TOTAL ACREAGE REPORTED	160,163

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Interim Categories	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land (3)	Total Converted To Another Use
Prime Farmland	to:	84	1,968	40,702	--	42,754	15,785	58,539	20,771	28,718	108,028
Farmland of Statewide Importance	to:	103	411	28,657	--	29,171	4,644	33,815	7,055	15,980	56,850
Unique Farmland	to:	1,031	--	13,722	--	14,936	18,089	33,025	2,972	13,027	49,024
Irrigated Farmland	to:	--	--	--	18	18	5,246	5,264	335	3,521	9,120
Nonirrigated Farmland	to:	--	--	--	338	338	1,186	1,524	0	197	1,721
Farmland of Local Importance	to:	13,284	14,701	--	--	36,333	11,646	47,979	18,621	25,852	92,452
IMPORTANT FARMLAND SUBTOTAL	to:	14,418	17,080	83,081	356	123,550	56,596	180,146	49,754	87,295	317,195
Grazing Land	to:	6,292	12,844	6,859	1,403	30,792	--	30,792	20,671	56,437	107,900
AGRICULTURAL LAND SUBTOTAL	to:	20,710	29,924	89,940	1,759	154,342	56,596	210,938	70,425	143,732	425,095
Urban and Built-up Land	to:	990	345	988	65	2,851	1,055	3,906	--	4,759	8,665
Other Land (3)	to:	7,753	4,771	8,211	1,782	26,430	12,839	39,269	40,065	--	79,334
TOTAL ACREAGE CONVERTED	to:	29,453	35,040	99,139	3,606	183,623	70,490	254,113	110,490	148,491	513,094

(1) This table includes acreage data for the entire FMMP survey area, including 3.6 million acres in Butte and Kern counties mapped using Interim categories.

(2) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing, and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(3) Also includes conversions to and from Water, which was primarily due to completion of Olivenhain Reservoir in San Diego County and reclamation of former gravel pits into permanent water bodies in Alameda County.

More site-specific in nature were warehouse distribution facilities (Kern, Riverside, and San Bernardino counties), and large institutional uses such as Kern Valley State Prison (approximately 500 acres, Kern County).

In the San Joaquin Valley (Valley), overall urbanization increased by 10% in 2002-04 relative to the 2000-02 period. However, urbanization of irrigated land increased 28% between the two timeframes, and Prime Farmland urbanization increased by 26%

(from 9,412 to 11,869 acres). Six Valley counties were among the top ten in the urbanization of irrigated farmland (Table 5). Tulare and Stanislaus counties had the highest ratios of urbanization on Prime Farmland, at 73% and 70%, respectively.

New to any of the top urbanizing lists was Imperial County. This was the first update in which its urbanization exceeded 1,000 acres; more than 88% of which took place

on what had been irrigated farmland (1,047 out of 1,186 acres). Housing, water treatment and geothermal facilities, and border-related industrial uses near Calexico were the primary new land uses.

The relative location and type of land converted to urban uses is shown in Figure 5 (page 15). Note that specific counties may dominate the regional change statistics: El Dorado and Placer counties make up the bulk of the Sierra Foothill urbanization, while Sacramento County dominates the Sacramento Valley figures. The Sacramento Area Council of Governments (SACOG) region encompasses these three counties as well as Sutter, Yolo, and Yuba counties. The SACOG region represented 15% of urbanization occurring statewide between 2002 and 2004.

Statewide, 19% of new urban land between 2002 and 2004 had been Prime Farmland, and an additional 9% came from other irrigated categories. Conversion of Prime Farmland continues to be highest in the San Joaquin Valley, more than three times higher than in Southern California during the period. Urbanization on irrigated farmland increased by 9% compared with the 2000-02 update cycle.

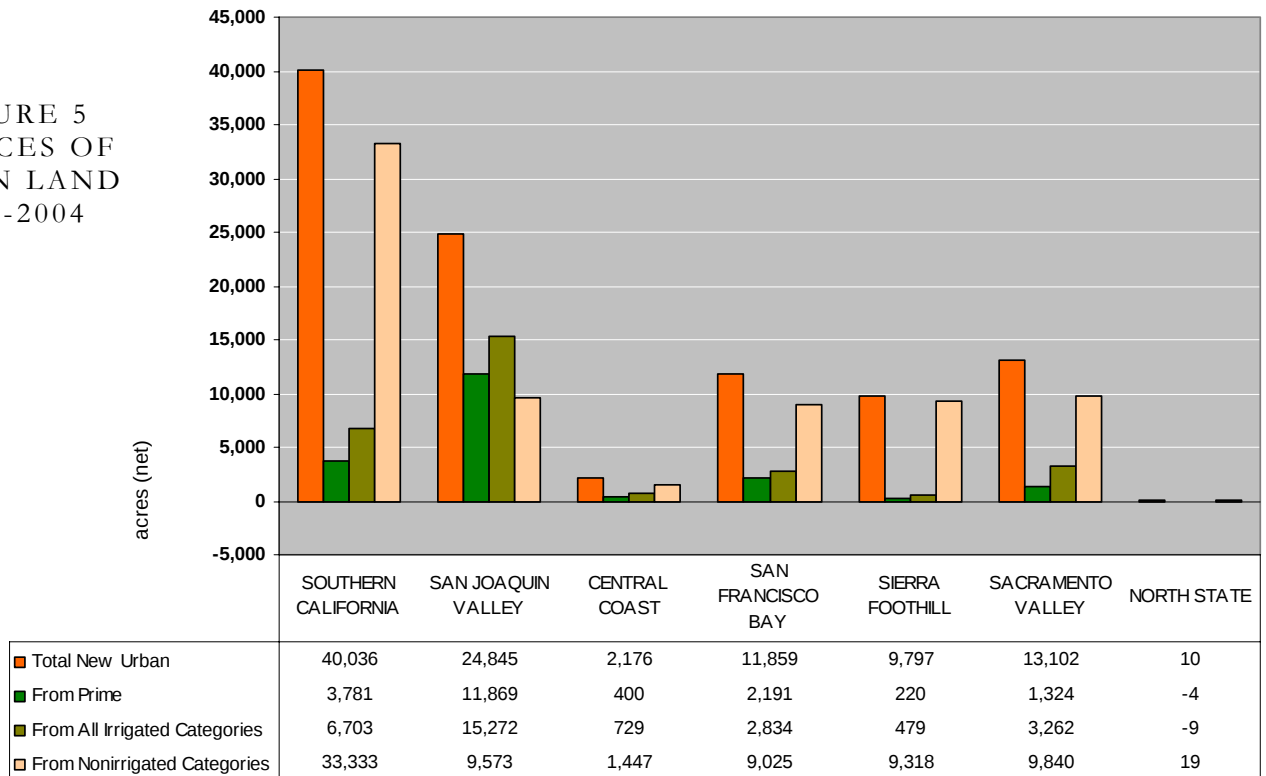
Development on Grazing Land and Farmland of Local Importance areas jumped by 34% compared with the prior update (37,249 and 27,728 acres, respectively). In many rapidly growing counties, Farmland of Local Importance represents idled farmland located on soils that would qualify for Prime Farmland were they still in production.

TABLE 5
TOP IRRIGATED
TO URBAN
RANKS

Irrigated Farmland to Urban Top Ten Counties - net acres			
2000-2002		2002-2004	
San Joaquin	4,518	Kern	4,275
Riverside	2,488	Stanislaus	3,460
San Bernardino	2,195	Riverside	2,485
Tulare	1,861	San Joaquin	2,239
Stanislaus	1,778	Fresno	2,081
Orange	1,547	Sacramento	1,431
Kern	1,212	Tulare	1,377
Fresno	1,147	San Bernardino	1,243
Yolo	960	Merced	1,058
Santa Clara	858	Imperial	1,047

The sources of new urban land by county are enumerated in Appendix C-Table C-1.

FIGURE 5
SOURCES OF
URBAN LAND
2002-2004

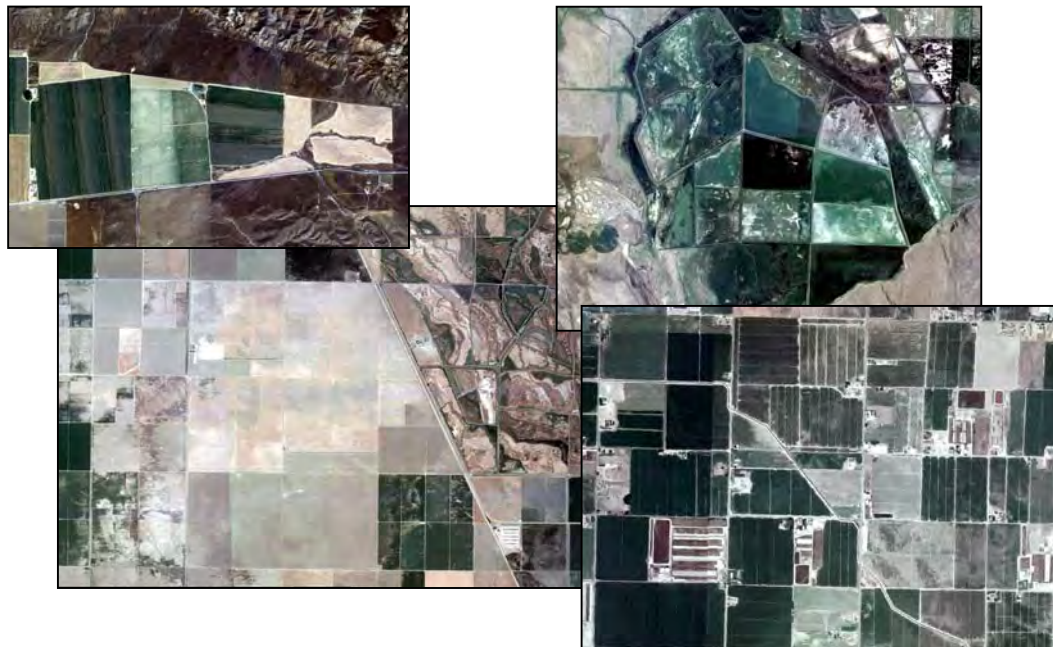


Urbanization images include, clockwise from right: Riverside County--subdivisions adjacent to agriculture in Corona, and next to low-density residential land in Temecula. In Kern County--old and new state prisons in Delano, and subdivisions in the Bakersfield area. Images cover 1,700 to 2,600 acres.



FIGURE 6
2002-2004
AIR PHOTO
EXAMPLES

Examples of other trends in agriculture, clockwise from bottom left: idled farmland in Fresno County, irrigated vegetables in Cuyama Valley (San Luis Obispo County), Lower Klamath National Wildlife Refuge in Siskiyou County, and dairies interspersed with crops in Stanislaus County. Images cover 1,500 to 14,000 acres.



Other Changes Affecting Agriculture

Urbanization is one of many factors affecting California’s farmland resources. Changes in technology, agricultural markets and economics, water availability, and disease-causing organisms or pests also influence land management. These influences result in changes categorized here as bringing land into irrigated use or as removing land from irrigated use. These statistics are enumerated by county in Appendix C-Table C-2.

With certain exceptions, such as rural residential development, changes of this type have less permanency than does urban conversion. Land may move in either direction over time, although FMMP does employ mapping techniques to minimize the effect of annual fluctuations or crop rotation cycles.

Land is removed from irrigated categories when it has not shown evidence of irrigated use for three update cycles (approximately six years). This helps account for short-term fluctuations that are not truly changes in the amount of irrigated farmland. FMMP analysts attempt to confirm changes of this type via site visits when possible. In instances where supplemental information is available, such as documented ecological restoration projects, the three-update requirement is waived.

FALLOW OR IDLE

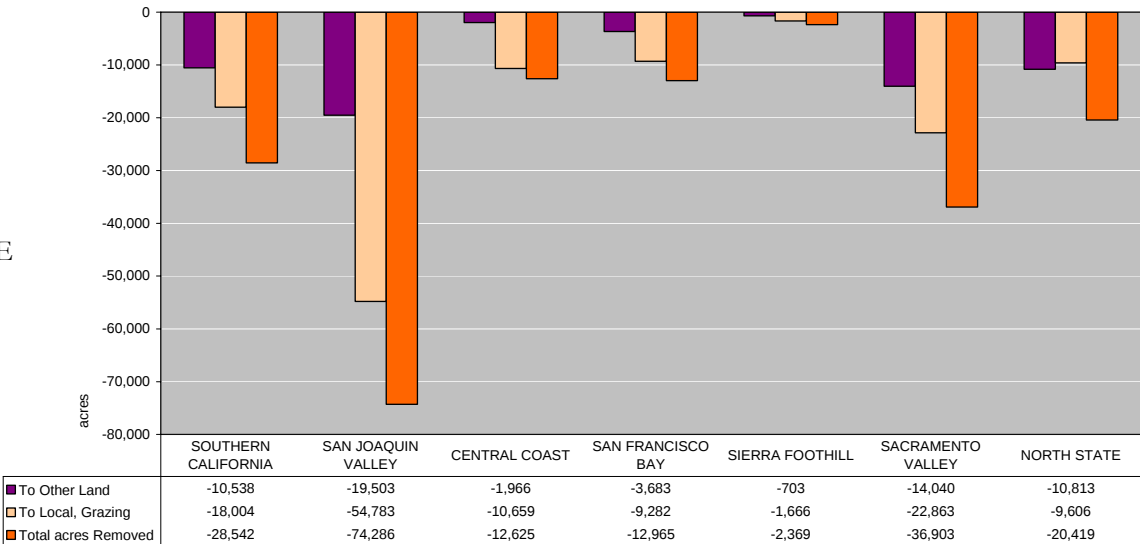
Agricultural land is often allowed seasonal rest or is managed with crop rotation cycles.

FMMP uses the “three update cycle” tracking system to minimize the impact of these fluctuations on farmland conversion statistics.

Annual crop reports or census statistics will vary from FMMP data because of FMMP’s longer-term monitoring orientation.

Reclassifications from irrigated to Grazing and Farmland of Local Importance affected 126,863 acres during the 2004 update (Figure 7 and Table C-2). The San Joaquin Valley accounted for 43% of this conversion type, led by Fresno, Kern, and

FIGURE 7
LAND
REMOVED
FROM
IRRIGATED
AGRICULTURE
2002-2004



Merced counties at more than 10,000 acres each. Land idling was the most prevalent reason for these conversions, particularly along the trough and western side of the Valley and in the vicinity of the cities of Fresno and Clovis. Land being used on a long-term basis for nonirrigated grains was also predominant in the western parts of these counties. Additionally, dairies are a component of Fresno County's Farmland of Local Importance definition, and conversions from irrigated use to dairies totaled nearly 1,400 acres in the county between 2002 and 2004.

Seven additional counties had downgrades from irrigated categories in excess of 5,000 acres. Anticipated urban development leading to land idling predominated in counties such as Riverside, Sacramento, and San Diego. Siskiyou County's reclassification was primarily related to the Lower Klamath National Wildlife Refuge, now managed as a complex of wetlands, seasonal grazing, and commercial agricultural leases. In San Luis Obispo and Tehama counties, land that has been idled was removed from the irrigated classes—some of this change might have physically taken place during prior updates but imagery gaps prevented reclassification until comprehensive data was available. Tulare County represents a mix of the above factors as well as dairy development. As a whole, about 14% more land was downgraded in this manner statewide compared with the 2000-02 update.

Conversions from irrigated agriculture to Other Land are less common than those to grazing or dryland farming categories, but many are more permanent in nature. This type of reclassification impacted 61,246 acres between 2002 and 2004, a decrease from 78,680 acres during the prior update. A more than 13,000-acre decline in this conversion type in the San Francisco Bay Area was primarily responsible for the difference. Large conversions to wetlands and adjustments associated with the use of improved imagery had impacted Bay Area counties in 2002.

Notable instances of change in 2004 involved Siskiyou County, where more than 10,000 acres within the wildlife refuge system are no longer farmed. Land had been idled in these locations for a number of update cycles; GIS data from individual refuges was used to delineate their current status. Ecological restoration efforts were also responsible for the bulk of conversion to Other Land in Butte and Colusa counties, and one conversion associated with the federal Wetlands Reserve Program encompassed 1,700 acres in Fresno County. Idling of small parcels and rural residential development impacted numerous counties in the state. Improved imagery along riparian areas and feedlot enlargements in Imperial County led to a 6,000-acre conversion to Other Land during the 2004 update.

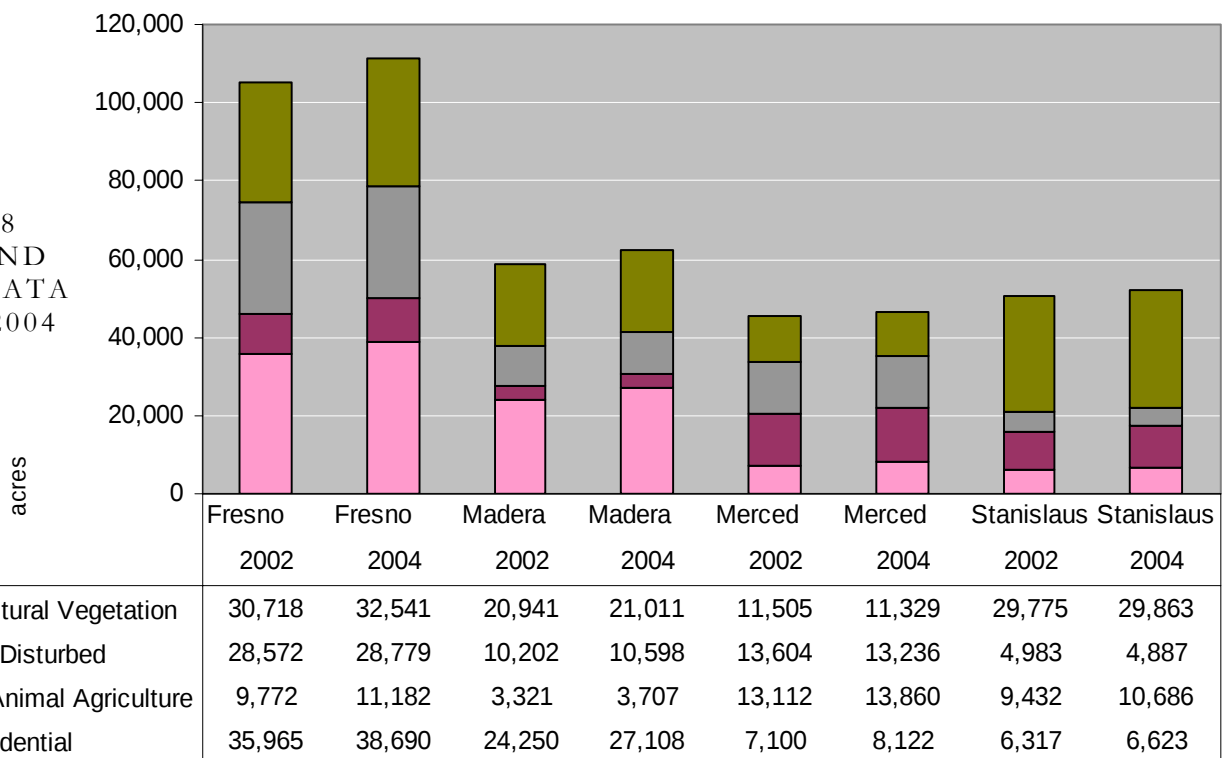
The San Joaquin and Sacramento valleys had the largest conversions to Other Land, at 32% and 23% of the total, respectively. While land idling and rural residential development impacted both regions, ecological restoration areas were more prominent

in the Sacramento Valley and confined animal agricultural facilities¹ comprised a larger component of the San Joaquin Valley conversions.

Changes associated with Other Land can be analyzed in greater detail in the four San Joaquin Valley counties covered by Rural Land Use Mapping data (Figure 8 and Appendix D tables). There was a 5% acreage increase associated with Rural Land Use categories during the 2004 update; individual increases were 3% each in Merced and Stanislaus counties, 5% in Fresno County, and 6% in Madera County.

Confined animal agriculture facilities increased by the largest proportion, 11%, and in 2004 occupied a total of 39,435 acres in the four counties. New and expanded dairies were primarily responsible for the increase, particularly in Fresno and Stanislaus counties (1,410 and 1,254 acre increases, respectively). In all four counties, the bulk of these facilities were developed on irrigated farmland; Stanislaus and Merced counties saw larger proportions of conversion from Prime Farmland to confined animal agriculture facilities while lesser quality soils were impacted more frequently in Fresno

FIGURE 8
RURAL LAND
MAPPING DATA
2002 AND 2004



¹ In some counties, such as Tulare, confined animal facilities (dairies, feedlots, poultry houses, aquaculture) are classified as Farmland of Local Importance (Local). Each county's Local definition is available in Appendix E.

and Madera counties.

Rural Residential and Commercial Lands occupied 80,543 acres as of 2004 for the pilot counties. Rural residential acreage increased by 9% relative to the initial 2002 mapping, however, the increase associated with actual construction was closer to 2.5% for the

**RURAL AND URBAN
LAND EXTENT**

As of 2004, urban land occupied 231,986 acres in the pilot counties. Rural Residential and Commercial occupied 80,543 acres.

Expansion of rural residential areas has the potential to impact agricultural land at higher rates per capita than urban development.

2002-04 period. The remainder of the acreage increase was due to greater mapping detail in the forested parts of Fresno and Madera counties, as well as documentation of commercial and farmstead areas at the minimum mapping scale in all four counties. Comparisons for this category are discussed in terms of the adjusted figures in Table 6.

Stanislaus County had the smallest increase in rural residential and commercial uses during the 2004 update, 215 acres, but Prime Farmland was proportionally impacted to a higher degree than in the other pilot counties. Merced County's increase was the largest proportionally, 6.7%, with the greatest concentration of

new development along the Highway 99 corridor near the existing cities of Delhi, Livingston, Atwater, and Merced.

The remaining Rural Land Use classes, Vacant or Disturbed Land

Rural Residential and Commercial, 2002-2004 acres and percent					
County	2002*	2002, adjusted*	2004	Change	
Fresno	35,965	37,930	38,690	760	2.0%
Madera	24,250	26,650	27,108	458	1.7%
Merced	7,100	7,615	8,122	507	6.7%
Stanislaus	6,317	6,408	6,623	215	3.4%
Totals	73,632	78,603	80,543	1,940	2.5%

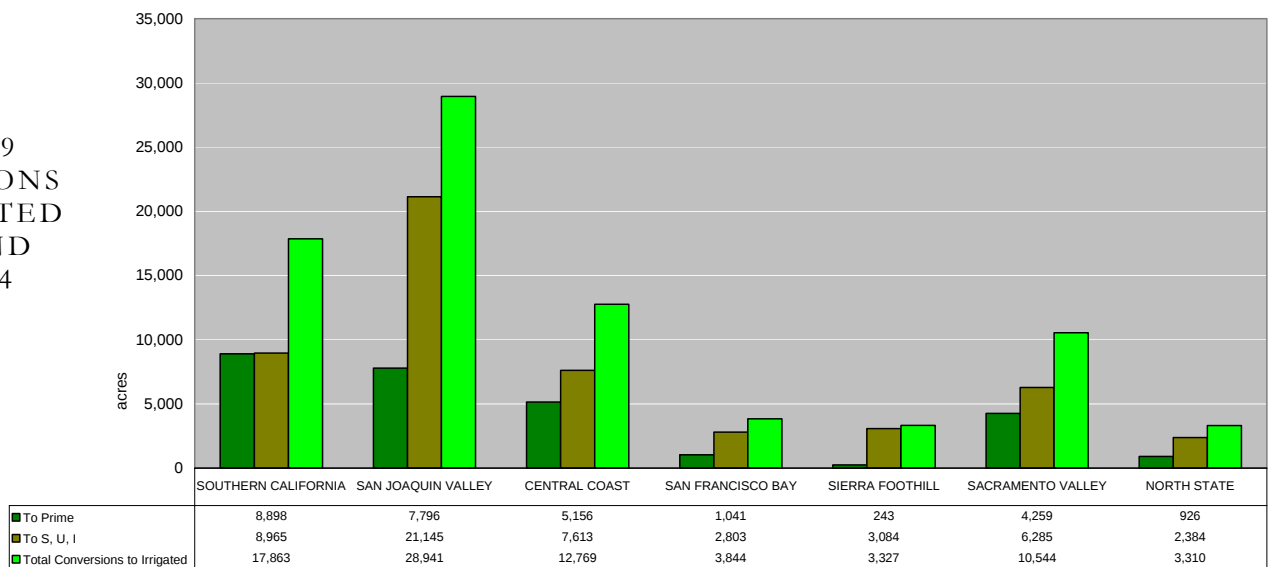
* 2002 acres adjusted to reflect additional detail and improvements made during initial update for the category. This primarily involved low-density residential areas in forested areas and small commercial and farmstead units throughout the pilot counties.

and Nonagricultural Vegetation, saw much smaller rates of change between 2002 and 2004, increasing by less than 2% each. Individual counties experienced small net losses or gains in these classes, with the most notable change being the Wetlands Reserve Program lands in Fresno County discussed above. More detail and conversion patterns can be expected to emerge as the Rural Land Mapping effort continues in the years ahead.

TABLE 6
CHANGES AND
IMPROVEMENTS
TO RURAL
RESIDENTIAL
DATA

Land is converted to irrigated agricultural use either when dry pastures or native vegetation are converted or when idled land is brought back into production. Conversions to irrigated categories decreased by 54% relative to the 2000-02 period, from 173,523 to 80,598 acres (Figure 9). Part of this decrease can be attributed to boundary adjustments that occurred in 2002 due to the first time use of detailed imagery for map updating. Nearly two-thirds of new irrigated land (65%) did not meet the criteria for Prime Farmland.

FIGURE 9
CONVERSIONS
TO IRRIGATED
FARMLAND
2002-2004



The San Joaquin Valley accounted for 36% of this conversion type between 2002 and 2004. Along the Sierra foothills, orchards and alfalfa were planted on grasslands in many Valley counties. In San Joaquin County, vineyard development near Lodi and Clements was the most common agricultural upgrade. Southern California continued to show strength in specific agricultural sectors, with 22% of the newly irrigated land. The south state increase is mostly the result of high desert valleys being planted to potatoes, carrots, onions, and alfalfa. Smaller units of citrus, avocados, date orchards, and nurseries were also developed in the seven-county region.

Two Central Coast counties, San Luis Obispo and Santa Barbara, had irrigated land expansions greater than 5,000 acres. The Cuyama Valley, which is split between the two counties, is one of the valleys referred to above that have experienced increased irrigated use in recent years. Most irrigated increases here occurred on the Santa Barbara side of the valley. In addition, annual crop areas, vineyards, and orchards were expanded in various parts of both counties.

Net Land Use Change

Urban land in California expanded by 101,825 acres (159 square miles) between 2002 and 2004, a 10% increase compared to the 2000-02 period. Prime Farmland accounted for 19% of the urbanization, and 9% occurred on other irrigated classes.

The net irrigated farmland loss, 138,644 acres (Appendix C, Table C-3), was more than twice as large as it had been during the prior update (53,963 acres). Prime Farmland loss this cycle was the largest in FMMP's history (78,575 acres; Table 4).

Three factors contributed to the accelerated farmland loss: increased urbanization in the San Joaquin Valley and other inland locations, increases in the amount of land now idled or devoted to nonirrigated grains, and a much lower rate of conversion into irrigated farmland uses. While irrigated land losses to Other Land, Farmland of Local Importance, and Grazing Land were nearly identical in both updates (189,980 acres in 2000-02 and 188,109 acres in 2002-04), land moving into irrigated uses from these classifications dropped by 54% (from 173,523 to 80,598 acres).

TABLE 7
LARGEST NET
DECREASES IN
IRRIGATED
FARMLAND

Decreases of Irrigated Land			
Top Ten Counties - net acres			
2000-2002		2002-2004	
Riverside	-12,597	Fresno	-17,748
Tulare	-10,098	Kern	-17,478
Contra Costa	-6,447	Siskiyou	-16,979
Sacramento	-5,810	Tulare	-9,637
Sutter	-5,480	Merced	-9,626
Solano	-5,404	Tehama	-9,251
Fresno	-5,396	Riverside	-7,078
San Bernardino	-5,154	Sacramento	-6,990
Imperial	-2,713	Imperial	-4,281
Stanislaus	-2,682	San Diego	-4,101

Five of the counties on the top-urbanizing list (Table 2) are also present in the largest net losses of irrigated land list (Table 7) for 2004: Fresno, Kern, Riverside, Sacramento, and San Diego. Other counties with large decreases in irrigated acreage were affected by ecological restoration projects (Siskiyou) or a combination of land idling, rural development, and confined animal agriculture facilities development (Tulare, Merced, Tehama, Imperial).

TABLE 8
LARGEST NET
INCREASES IN
IRRIGATED
FARMLAND

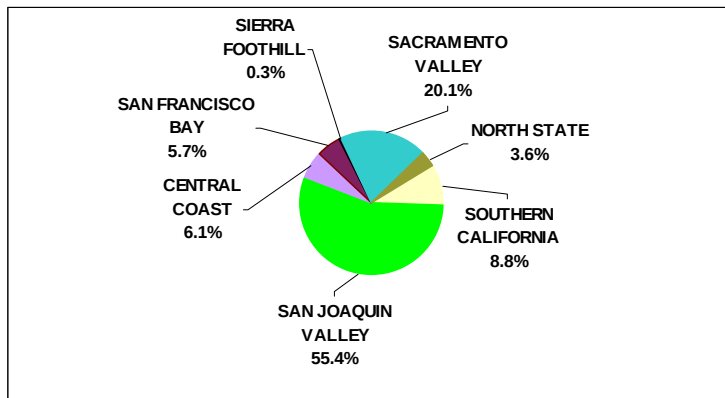
Increases of Irrigated Land			
Top Ten Counties - net acres			
2000-2002		2002-2004	
San Luis Obispo	7,189	Santa Barbara	3,032
Glenn	4,593	Sierra Valley	1,815
Merced	3,757	Los Angeles	1,085
Los Angeles	3,513	Madera	1,035
Napa	2,193	Placer	892
Monterey	1,536	Napa	557
Nevada	1,125	Ventura	183
Siskiyou	1,121	San Benito	45
Sonoma	1,052	Marin	13
Modoc	834	Amador	9

There were a total of ten counties with net irrigated land increases during the 2004 update (Table 8 and Appendix C, Table C-3). This is a significant drop from recent updates in which vineyard development had been a trend. Reactivation of idle land for high value annual crops was

largely responsible for increases in Los Angeles and Santa Barbara counties; while small perennial crop or alfalfa additions occurred in Madera, Napa, Placer, and Ventura counties. Improved imagery in the Sierra Valley led to more accurate delineation of irrigated pastures this update. Nearly two-thirds of the land brought into irrigated uses did not meet the qualifications for Prime Farmland.

The San Joaquin Valley region experienced the largest irrigated land losses between 2002 and 2004, 44% of the statewide net decrease, while the Sacramento Valley accounted for 21% of the total. These regions in turn contain the largest proportions of Prime Farmland in the state (Figure 10).

FIGURE 10
DISTRIBUTION
OF PRIME
FARMLAND
2004



Statewide, agricultural land declined by 170,982 acres during the 2002-04 period. Urbanization accounted for 60% of this decrease, while the remaining land was converted to uses that fall into the

miscellaneous Other Land category. Less than one percent of the agricultural land decrease was due to new reservoirs in a number of counties. The high proportion of conversion to Other Land is an indicator that agricultural land use dynamics in California are more complex than urbanization alone.

TABLE 9
URBAN AND
LOW-DENSITY
DEVELOPMENT
INCREASES
2002-2004

**Rural Land Counties
Development Comparison**

County	Urban Rural	
	% increase	
Fresno	3.1%	2.0%
Madera	3.8%	1.7%
Merced	5.6%	6.7%
Stanislaus	7.7%	3.4%

* Rural Residential increase adjusted for technical data improvements. See page 20.

In the four Rural Land Use pilot counties, expansion of confined animal agriculture facilities and rural residential areas were primarily responsible for conversions to Other Land. Rural Residential and Commercial Land occupied 80,543 acres in these four counties in 2004, more than one third the extent of existing urban areas. On a percentage basis, Rural Residential lands increased more rapidly than urban areas in Merced County (Table 9). This represents construction on small rural parcels as opposed to land subdivision. Overall, acreage devoted to Rural Land Mapping categories increased by 5% during the 2004 update.

Given today's demographic and environmental challenges, statewide detail on rural land use conversions may prove valuable in the conservation of critical farm and open space resources. FMMP's goal remains to support informed planning by producing timely and accurate data on the extent of these resources and the trends affecting them.

Appendix A

2002 – 2004

County Conversion Tables

TABLE A-1
ALAMEDA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	6,329	5,384	1,015	70	1,085	-945
Farmland of Statewide Importance	1,489	1,506	73	90	163	17
Unique Farmland	2,099	2,378	186	465	651	279
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	9,917	9,268	1,274	625	1,899	-649
Grazing Land	245,730	244,975	1,546	791	2,337	-755
AGRICULTURAL LAND SUBTOTAL	255,647	254,243	2,820	1,416	4,236	-1,404
Urban and Built-up Land	143,592	144,326	686	1,420	2,106	734
Other Land	73,580	73,027	1,911	1,358	3,269	-553
Water Area	52,519	53,742	0	1,223	1,223	1,223
TOTAL AREA INVENTORIED	525,338	525,338	5,417	5,417	10,834	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	161
Farmland of Statewide Importance	132
Unique Farmland	82
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	375
Grazing Land	3,745
AGRICULTURAL LAND SUBTOTAL	4,120
Urban and Built-up Land	0
Other Land	1,107
Water Area	0
TOTAL ACREAGE REPORTED	5,227

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	49	0	49	514	563	260	191	1	1,015
Farmland of Statewide Importance	to: 0	--	42	0	42	7	49	24	0	0	73
Unique Farmland	to: 1	0	--	0	1	105	106	0	80	0	186
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	1	0	91	0	92	626	718	284	271	1	1,274
Grazing Land	to: 52	68	330	0	450	--	450	487	609	0	1,546
AGRICULTURAL LAND SUBTOTAL	53	68	421	0	542	626	1,168	771	880	1	2,820
Urban and Built-up Land (1)	to: 11	15	29	0	55	153	208	--	478	0	686
Other Land (2)	to: 6	7	15	0	28	12	40	649	--	1,222	1,911
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 70	90	465	0	625	791	1,416	1,420	1,358	1,223	5,417

(1) Conversion from Urban and Built-up Land due to demolished structures and abandoned uses at Camp Parks and Fremont Airport.

(2) Conversion to Water due to the delineation of permanent water bodies in gravel pits between Livermore and Pleasanton, Shadow Cliffs Park, and Quarry Lakes Recreation Area.

TABLE A-2
AMADOR COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	2002-04 ACREAGE CHANGES			
	TOTAL ACREAGE INVENTORIED		ACRES LOST (-)	ACRES GAINED (+)
	2002 (1)	2004		
Prime Farmland	3,964	3,832	251	119
Farmland of Statewide Importance	1,973	1,850	202	79
Unique Farmland	3,491	3,755	341	605
Farmland of Local Importance	1,575	1,256	347	28
IMPORTANT FARMLAND SUBTOTAL	11,003	10,693	1,141	831
Grazing Land	191,110	188,219	4,041	1,150
AGRICULTURAL LAND SUBTOTAL	202,113	198,912	5,182	1,981
Urban and Built-up Land	7,370	7,926	362	918
Other Land	85,570	88,215	795	3,440
Water Area	5,323	5,323	0	0
TOTAL AREA INVENTORIED	300,376	300,376	6,339	6,339
				12,678
				0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	1
Farmland of Statewide Importance	2
Unique Farmland	3
Farmland of Local Importance	9
IMPORTANT FARMLAND SUBTOTAL	15
Grazing Land	8
AGRICULTURAL LAND SUBTOTAL	23
Urban and Built-up Land	0
Other Land	10
Water Area	0
TOTAL ACREAGE REPORTED	33

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: 7	0	3	0	3	212	215	27	9	0	251
Farmland of Statewide Importance	to: 1	--	0	0	1	195	196	6	0	0	202
Unique Farmland	to: 6	2	--	2	10	288	298	8	35	0	341
Farmland of Local Importance	to: 0	0	28	--	28	315	343	0	4	0	347
IMPORTANT FARMLAND SUBTOTAL	7	2	31	2	42	1,010	1,052	41	48	0	1,141
Grazing Land (2)	to: 94	76	522	26	718	--	718	220	3,103	0	4,041
AGRICULTURAL LAND SUBTOTAL	101	78	553	28	760	1,010	1,770	261	3,151	0	5,182
Urban and Built-up Land (3)	to: 3	0	0	0	3	70	73	--	289	0	362
Other Land	to: 15	1	52	0	68	70	138	657	--	0	795
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 119	79	605	28	831	1,150	1,981	918	3,440	0	6,339

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Other Land primarily due to the use of digital orthoquads to distinguish low-density housing (ranchettes) in the forested areas of the county.

(3) Conversion from Urban and Built-up Land primarily the result of the use of highly detailed digital imagery to delineate more distinct urban boundaries.

TABLE A-3
COLUSA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES		
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	NET ACREAGE CHANGED
Prime Farmland	201,346	201,642	1,190	1,486	296
Farmland of Statewide Importance	1,826	2,152	3	329	326
Unique Farmland	126,916	124,796	2,704	584	-2,120
Farmland of Local Importance	234,186	232,758	2,338	910	-1,428
IMPORTANT FARMLAND SUBTOTAL	564,274	561,348	6,235	3,309	-2,926
Grazing Land	9,408	9,151	258	1	-257
AGRICULTURAL LAND SUBTOTAL	573,682	570,499	6,493	3,310	-3,183
Urban and Built-up Land	4,431	4,624	0	193	193
Other Land	160,439	163,429	201	3,191	2,990
Water Area	1,838	1,838	0	0	0
TOTAL AREA INVENTORIED	740,390	740,390	6,694	6,694	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACREAGE REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	1	675	676	0	676	97	417	0	1,190
Farmland of Statewide Importance	to: 0	--	0	3	3	0	3	0	0	0	3
Unique Farmland (2)	to: 13	13	--	232	258	0	258	6	2,440	0	2,704
Farmland of Local Importance (3)	to: 1,340	316	548	--	2,204	1	2,205	46	87	0	2,338
IMPORTANT FARMLAND SUBTOTAL	1,353	329	549	910	3,141	1	3,142	149	2,944	0	6,235
Grazing Land	to: 0	0	0	0	0	--	0	11	247	0	258
AGRICULTURAL LAND SUBTOTAL	1,353	329	549	910	3,141	1	3,142	160	3,191	0	6,493
Urban and Built-up Land	to: 0	0	0	0	0	0	0	--	0	0	0
Other Land	to: 133	0	35	0	168	0	168	33	--	0	201
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 1,486	329	584	910	3,309	1	3,310	193	3,191	0	6,694

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversions from Farmland of Local Importance primarily due to delineation of new orchards and irrigated agricultural land in the central portion of the county.

(3) Conversion to Other Land primarily due to identification of ranchettes and wetland restoration activities in the FWS refuge system along the eastern portion of the county, from Sanborn Slough to Dunnigan.

TABLE A-4
CONTRA COSTA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	33,731	32,025	1,793	87	1,880	-1,706
Farmland of Statewide Importance	9,733	8,547	1,394	208	1,602	-1,186
Unique Farmland	4,450	3,929	582	61	643	-521
Farmland of Local Importance	53,136	52,256	2,906	2,026	4,932	-880
IMPORTANT FARMLAND SUBTOTAL	101,050	96,757	6,675	2,382	9,057	-4,293
Grazing Land	171,924	168,781	3,421	278	3,699	-3,143
AGRICULTURAL LAND SUBTOTAL	272,974	265,538	10,096	2,660	12,756	-7,436
Urban and Built-up Land	142,454	147,441	47	5,034	5,081	4,987
Other Land	45,351	47,800	1,024	3,473	4,497	2,449
Water Area	53,240	53,240	0	0	0	0
TOTAL AREA INVENTORIED	514,019	514,019	11,167	11,167	22,334	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	419
Farmland of Statewide Importance	25
Unique Farmland	0
Farmland of Local Importance	780
IMPORTANT FARMLAND SUBTOTAL	1,224
Grazing Land	564
AGRICULTURAL LAND SUBTOTAL	1,788
Urban and Built-up Land	0
Other Land	847
Water Area	0
TOTAL ACREAGE REPORTED	2,635

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	747	747	0	747	711	335	0	1,793
Farmland of Statewide Importance	to: 2	--	0	909	911	6	917	306	171	0	1,394
Unique Farmland	to: 1	0	--	359	360	193	553	18	11	0	582
Farmland of Local Importance (2)	to: 2	207	17	--	226	19	245	1,444	1,217	0	2,906
IMPORTANT FARMLAND SUBTOTAL	5	207	17	2,015	2,244	218	2,462	2,479	1,734	0	6,675
Grazing Land (3)	to: 62	0	0	0	62	--	62	1,626	1,733	0	3,421
AGRICULTURAL LAND SUBTOTAL	67	207	17	2,015	2,306	218	2,524	4,105	3,467	0	10,096
Urban and Built-up Land	to: 7	1	17	10	35	6	41	--	6	0	47
Other Land	to: 13	0	27	1	41	54	95	929	--	0	1,024
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 87	208	61	2,026	2,382	278	2,660	5,034	3,473	0	11,167

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion from Farmland of Local Importance is due to additions of rural residential developments and land left idle for four update cycles.

(3) Conversion to Other Land primarily due to the use of improved digital imagery to distinguish low-density housing (ranchettes) in the eastern half of the county.

TABLE A-5
EL DORADO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	2002-04 ACREAGE CHANGES			
	TOTAL ACREAGE INVENTORIED		ACRES LOST (-)	ACRES GAINED (+)
	2002	2004		
Prime Farmland	950	886	65	1
Farmland of Statewide Importance	930	926	33	29
Unique Farmland	4,415	4,338	330	253
Farmland of Local Importance	61,213	60,530	1,313	630
IMPORTANT FARMLAND SUBTOTAL	67,508	66,680	1,741	913
Grazing Land	201,740	196,901	5,003	164
AGRICULTURAL LAND SUBTOTAL	269,248	263,581	6,744	1,077
Urban and Built-up Land	28,555	30,670	17	2,132
Other Land	231,782	235,334	914	4,466
Water Area	6,819	6,819	0	0
TOTAL AREA INVENTORIED	536,404	536,404	7,675	7,675
				15,350
				0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACREAGE REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	43	43	0	43	15	7	0	65
Farmland of Statewide Importance	to: 0	--	0	26	26	3	29	2	2	0	33
Unique Farmland	to: 0	1	--	87	88	104	192	1	137	0	330
Farmland of Local Importance	to: 1	27	198	--	226	10	236	190	887	0	1,313
IMPORTANT FARMLAND SUBTOTAL	1	28	198	156	383	117	500	208	1,033	0	1,741
Grazing Land	to: 0	1	55	403	459	--	459	1,114	3,430	0	5,003
AGRICULTURAL LAND SUBTOTAL	1	29	253	559	842	117	959	1,322	4,463	0	6,744
Urban and Built-up Land	to: 0	0	0	4	4	10	14	--	3	0	17
Other Land	to: 0	0	0	67	67	37	104	810	--	0	914
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 1	29	253	630	913	164	1,077	2,132	4,466	0	7,675

(1) Conversion to Other Land primarily due to additions of large rural residential developments and the use of digital orthoquads to distinguish low-density housing in the forested areas of the county.

TABLE A-6
FRESNO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)		ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
	2004					
Prime Farmland	731,936	722,584	11,062	1,710	12,772	-9,352
Farmland of Statewide Importance	490,266	483,786	7,423	943	8,366	-6,480
Unique Farmland	102,232	100,316	2,446	530	2,976	-1,916
Farmland of Local Importance	74,357	84,858	4,305	14,806	19,111	10,501
IMPORTANT FARMLAND SUBTOTAL	1,398,791	1,391,544	25,236	17,989	43,225	-7,247
Grazing Land	835,123	834,253	1,034	164	1,198	-870
AGRICULTURAL LAND SUBTOTAL	2,233,914	2,225,797	26,270	18,153	44,423	-8,117
Urban and Built-up Land	107,535	110,897	177	3,539	3,716	3,362
Other Land	95,256	100,011	1,182	5,937	7,119	4,755
Water Area	4,911	4,911	0	0	0	0
TOTAL AREA INVENTORIED	2,441,616	2,441,616	27,629	27,629	55,258	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	1,656
Farmland of Statewide Importance	483
Unique Farmland	342
Farmland of Local Importance	707
IMPORTANT FARMLAND SUBTOTAL	3,188
Grazing Land	2,578
AGRICULTURAL LAND SUBTOTAL	5,766
Urban and Built-up Land	0
Other Land	184
Water Area	0
TOTAL ACRES REPORTED	5,950

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (4)	to: 11	11	18	8,262	8,291	29	8,320	1,429	1,313	0	11,062
Farmland of Statewide Importance (2)(4)	to: 14	--	8	4,712	4,734	12	4,746	523	2,154	0	7,423
Unique Farmland (2)	to: 24	6	--	1,591	1,621	34	1,655	193	598	0	2,446
Farmland of Local Importance (3)	to: 1,277	806	325	--	2,408	0	2,408	905	992	0	4,305
IMPORTANT FARMLAND SUBTOTAL	1,315	823	351	14,565	17,054	75	17,129	3,050	5,057	0	25,236
Grazing Land	to: 83	27	30	38	178	--	178	33	823	0	1,034
AGRICULTURAL LAND SUBTOTAL	1,398	850	381	14,603	17,232	75	17,307	3,083	5,880	0	26,270
Urban and Built-up Land (5)	to: 52	8	4	56	120	0	120	--	57	0	177
Other Land	to: 260	85	145	147	637	89	726	456	--	0	1,182
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 1,710	943	530	14,806	17,989	164	18,153	3,539	5,937	0	27,629

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three update cycles throughout the county, a 4,700 acre conversion to nonirrigated grain on the Kettleman Plain, and some large, new additions of dairies.

(3) Conversion to Prime Farmland due to the addition of irrigated field crops, row crops, and orchards throughout the county.

(4) Conversion to Other Land primarily due to the use of improved digital imagery to identify low density housing (farmsteads and ranchettes) throughout the county and the following of a 1,700 acre plot of farmland on the San Joaquin quad that is part of the NRCS Wetlands Reserve Program.

(5) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries and delineation of a dairy facility on the CSU Fresno campus.

TABLE A-7
GLENN COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	163,628	162,670	1,736	778	2,514	-958
Farmland of Statewide Importance	88,891	88,374	858	341	1,199	-517
Unique Farmland	16,539	16,589	404	454	858	50
Farmland of Local Importance	77,613	78,721	1,545	2,653	4,198	1,108
IMPORTANT FARMLAND SUBTOTAL	346,671	346,354	4,543	4,226	8,769	-317
Grazing Land	232,411	231,716	833	138	971	-695
AGRICULTURAL LAND SUBTOTAL	579,082	578,070	5,376	4,364	9,740	-1,012
Urban and Built-up Land	5,942	6,080	47	185	232	138
Other Land	258,346	259,220	267	1,141	1,408	874
Water Area	5,759	5,759	0	0	0	0
TOTAL AREA INVENTORIED	849,129	849,129	5,690	5,690	11,380	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	820
Farmland of Statewide Importance	302
Unique Farmland	215
Farmland of Local Importance	944
IMPORTANT FARMLAND SUBTOTAL	2,281
Grazing Land	2
AGRICULTURAL LAND SUBTOTAL	2,283
Urban and Built-up Land	0
Other Land	473
Water Area	0
TOTAL ACREAGE REPORTED	2,756

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	1	3	1,359	1,363	5	1,368	40	328	0	1,736
Farmland of Statewide Importance	to: 7	--	3	579	589	1	590	17	251	0	858
Unique Farmland	to: 2	4	--	182	188	66	254	23	127	0	404
Farmland of Local Importance	to: 704	254	195	--	1,153	49	1,202	28	315	0	1,545
IMPORTANT FARMLAND SUBTOTAL	713	259	201	2,120	3,293	121	3,414	108	1,021	0	4,543
Grazing Land	to: 0	1	178	509	688	--	688	25	120	0	833
AGRICULTURAL LAND SUBTOTAL	713	260	379	2,629	3,981	121	4,102	133	1,141	0	5,376
Urban and Built-up Land	to: 16	16	3	2	37	10	47	--	0	0	47
Other Land	to: 49	65	72	22	208	7	215	52	--	0	267
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 778	341	454	2,653	4,226	138	4,364	185	1,141	0	5,690

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land increased relative to Farmland of Local Importance as a result of the automated selection of qualifying soil units using SSURGO and assessment of long-term idling of dryland farming areas.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three or more update cycles and the delineation of dryland grain areas.

TABLE A-8
IMPERIAL COUNTY
2002-2004 Land Use Conversion *

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	198,123	196,927	4,001	2,805	6,806	-1,196
Farmland of Statewide Importance	315,457	313,218	5,023	2,784	7,807	-2,239
Unique Farmland	2,978	2,132	1,018	172	1,190	-846
Farmland of Local Importance	33,603	33,333	3,567	3,297	6,864	-270
IMPORTANT FARMLAND SUBTOTAL	550,161	545,610	13,609	9,058	22,667	-4,551
Grazing Land	0	0	0	0	0	0
AGRICULTURAL LAND SUBTOTAL	550,161	545,610	13,609	9,058	22,667	-4,551
Urban and Built-up Land	25,171	26,357	1,899	3,085	4,984	1,186
Other Land	452,321	455,687	5,391	8,767	14,158	3,376
Water Area	914	903	190	179	369	-11
TOTAL AREA INVENTORIED	1,028,567	1,028,567	21,089	21,089	42,178	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACRES REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area (5)	Total Converted To Another Use
Prime Farmland (2)(3)	to: 15	15	10	1,064	1,089	0	1,089	473	2,425	14	4,001
Farmland of Statewide Importance (2)(3)	to: 13	--	6	1,329	1,348	0	1,348	1,019	2,649	7	5,023
Unique Farmland (3)	to: 27	15	--	1	43	0	43	29	905	41	1,018
Farmland of Local Importance	to: 741	847	1	--	1,589	0	1,589	464	1,463	51	3,567
IMPORTANT FARMLAND SUBTOTAL	781	877	17	2,394	4,069	0	4,069	1,985	7,442	113	13,609
Grazing Land	to: 0	0	0	0	0	--	0	0	0	0	0
AGRICULTURAL LAND SUBTOTAL	781	877	17	2,394	4,069	0	4,069	1,985	7,442	113	13,609
Urban and Built-up Land (4)	to: 255	218	1	187	661	0	661	--	1,225	13	1,899
Other Land (3)	to: 1,708	1,693	140	709	4,240	0	4,240	1,098	--	53	5,391
Water Area (5)	to: 61	6	14	7	88	0	88	2	100	--	190
TOTAL ACRES CONVERTED	to: 2,805	2,784	172	3,297	9,058	0	9,058	3,085	8,767	179	21,089

*A complete set of detailed digital imagery used in the 2004 map update resulted in historically large or anomalous conversions among some categories, as described below.

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance is primarily due to land left idle for three or more update cycles. Additional changes are due to the use of improved imagery data.

(3) Conversion between the Important Farmland Categories and Other Land is primarily due to the delineation of the riverbeds of the New and Alamo Rivers. Further conversions to Other Land are due to the addition of canals, feedlots, and low-density housing throughout the county.

(4) Conversion from Urban and Built-up Land primarily the result of the use of detailed digital imagery to delineate more distinct urban boundaries.

(5) Conversions between Water and other categories are due to improved delineation of the boundaries of the New, Alamo, and Colorado Rivers, and the Salton Sea.

TABLE A-9
KINGS COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	140,875	140,582	1,385	1,092	2,477	-293
Farmland of Statewide Importance	431,336	429,768	3,327	1,759	5,086	-1,568
Unique Farmland	28,314	28,524	625	835	1,460	210
Farmland of Local Importance	7,566	8,283	194	911	1,105	717
IMPORTANT FARMLAND SUBTOTAL	608,091	607,157	5,531	4,597	10,128	-934
Grazing Land	236,582	233,493	4,677	1,588	6,265	-3,089
AGRICULTURAL LAND SUBTOTAL	844,673	840,650	10,208	6,185	16,393	-4,023
Urban and Built-up Land	29,796	30,768	67	1,039	1,106	972
Other Land	16,247	19,298	1,186	4,237	5,423	3,051
Water Area	66	66	0	0	0	0
TOTAL AREA INVENTORIED	890,782	890,782	11,461	11,461	22,922	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	91
Farmland of Statewide Importance	18
Unique Farmland	3
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	112
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	112
Urban and Built-up Land	0
Other Land	13
Water Area	0
TOTAL ACREAGE REPORTED	125

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland to:	--	1	0	287	288	5	293	284	808	0	1,385
Farmland of Statewide Importance (1)(2) to:	1	--	2	489	492	1,308	1,800	322	1,205	0	3,327
Unique Farmland to:	11	3	--	5	19	275	294	75	256	0	625
Farmland of Local Importance to:	78	54	2	--	134	0	134	58	2	0	194
IMPORTANT FARMLAND SUBTOTAL	90	58	4	781	933	1,588	2,521	739	2,271	0	5,531
Grazing Land (3)(4) to:	827	1,095	803	4	2,729	--	2,729	7	1,941	0	4,677
AGRICULTURAL LAND SUBTOTAL	917	1,153	807	785	3,662	1,588	5,250	746	4,212	0	10,208
Urban and Built-up Land to:	5	34	2	1	42	0	42	--	25	0	67
Other Land to:	170	572	26	125	893	0	893	293	--	0	1,186
Water Area to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED to:	1,092	1,759	835	911	4,597	1,588	6,185	1,039	4,237	0	11,461

(1) Conversion to Grazing Land primarily due to land left idle for three or more update cycles.

(2) Conversion to Other Land primarily due to the use of digital orthoquads to distinguish low-density housing (ranchettes), widely dispersed throughout the county, as well as land left idle for three or more update cycles.

(3) Conversion to Farmland of Statewide Importance due to addition of irrigated orchards and row crops, primarily in the southern central portion of the county on the West Camp, Dudley Ridge and Pyramid Hills quads.

(4) Conversion to Other Land primarily due to addition of an agricultural water storage and flood control overflow in the extreme southeastern portion of the county (Lone Tree Well quad).

TABLE A-10
LAKE COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	15,547	15,464	143	60	203	-83
Farmland of Statewide Importance	1,432	1,432	0	0	0	0
Unique Farmland	12,082	11,997	118	33	151	-85
Farmland of Local Importance	19,418	19,469	78	129	207	51
IMPORTANT FARMLAND SUBTOTAL	48,479	48,362	339	222	561	-117
Grazing Land	239,981	240,000	25	44	69	19
AGRICULTURAL LAND SUBTOTAL	288,460	288,362	364	266	630	-98
Urban and Built-up Land	14,433	14,442	14	23	37	9
Other Land	501,295	501,384	28	117	145	89
Water Area	46,793	46,793	0	0	0	0
TOTAL AREA INVENTORIED	850,981	850,981	406	406	812	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACREAGE REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: 58	0	21	113	192	44	236	0	103	0	339
Farmland of Statewide Importance	to: 2	0	7	16	25	--	25	0	0	0	25
Unique Farmland	to: 13	0	--	33	46	36	82	0	36	0	118
Farmland of Local Importance	to: 45	0	6	--	51	8	59	0	19	0	78
IMPORTANT FARMLAND SUBTOTAL	to: 113	0	28	129	217	44	261	0	103	0	364
Grazing Land	to: 60	0	0	0	0	0	0	--	14	0	14
AGRICULTURAL LAND SUBTOTAL	to: 0	0	5	0	5	0	5	23	--	0	28
Urban and Built-up Land	to: 0	0	0	0	0	0	0	0	0	--	0
Other Land	to: 0	0	0	0	0	0	0	0	0	0	0
Water Area	to: 0	0	0	0	0	0	0	0	0	0	0
TOTAL ACREAGE CONVERTED	to: 60	0	33	129	222	44	266	23	117	0	406

TABLE A-11
LOS ANGELES COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	32,187	33,218	1,367	2,398	3,765	1,031
Farmland of Statewide Importance	939	1,029	44	134	178	90
Unique Farmland	1,155	1,119	91	55	146	-36
Farmland of Local Importance	8,171	8,685	75	589	664	514
IMPORTANT FARMLAND SUBTOTAL	42,452	44,051	1,577	3,176	4,753	1,599
Grazing Land	233,399	228,826	5,107	534	5,641	-4,573
AGRICULTURAL LAND SUBTOTAL	275,851	272,877	6,684	3,710	10,394	-2,974
Urban and Built-up Land	160,678	163,435	484	3,241	3,725	2,757
Other Land	637,509	637,726	3,152	3,369	6,521	217
Water Area	3,468	3,468	0	0	0	0
TOTAL AREA INVENTORIED	1,077,506	1,077,506	10,320	10,320	20,640	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	46
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	46
Grazing Land	2,278
AGRICULTURAL LAND SUBTOTAL	2,324
Urban and Built-up Land	0
Other Land	8,026
Water Area	0
TOTAL ACREAGE REPORTED	10,350

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	4	22	26	401	427	40	900	0	1,367
Farmland of Statewide Importance	to: 0	--	0	0	0	0	0	0	44	0	44
Unique Farmland	to: 0	0	--	0	0	54	54	25	12	0	91
Farmland of Local Importance	to: 0	0	17	--	17	57	74	1	0	0	75
IMPORTANT FARMLAND SUBTOTAL	0	0	21	22	43	512	555	66	956	0	1,577
Grazing Land (2) (3)	to: 1,194	78	20	566	1,858	--	1,858	1,241	2,008	0	5,107
AGRICULTURAL LAND SUBTOTAL	1,194	78	41	588	1,901	512	2,413	1,307	2,964	0	6,684
Urban and Built-up Land (4)	to: 71	0	0	0	71	8	79	--	405	0	484
Other Land (3)	to: 1,133	56	14	1	1,204	14	1,218	1,934	--	0	3,152
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 2,398	134	55	589	3,176	534	3,710	3,241	3,369	0	10,320

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land increased relative to Farmland of Local Importance as a result of the automated selection of qualifying soil units using SSURGO and assessment of long-term idling of dryland farming areas.

(2) Conversion to Other Land primarily the result of the use of improved digital imagery to delineate oil field boundaries on the Val Verde and Newhall quads.

(3) Conversion to Prime Farmland due to newly irrigated agricultural land in the Antelope Valley, primarily onions, carrots, and alfalfa.

(4) Conversion from Urban and Built-Up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

TABLE A-12
MADERA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	99,615	99,561	756	702	1,458	-54
Farmland of Statewide Importance	86,410	86,040	610	240	850	-370
Unique Farmland	162,429	163,888	1,827	3,286	5,113	1,459
Farmland of Local Importance	22,526	18,799	3,967	240	4,207	-3,727
IMPORTANT FARMLAND SUBTOTAL	370,980	368,288	7,160	4,468	11,628	-2,692
Grazing Land	401,233	399,290	4,341	2,398	6,739	-1,943
AGRICULTURAL LAND SUBTOTAL	772,213	767,578	11,501	6,866	18,367	-4,635
Urban and Built-up Land	24,051	24,975	937	1,861	2,798	924
Other Land	58,714	62,425	1,898	5,609	7,507	3,711
Water Area	6,063	6,063	0	0	0	0
TOTAL AREA INVENTORIED	861,041	861,041	14,336	14,336	28,672	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	257
Farmland of Statewide Importance	50
Unique Farmland	65
Farmland of Local Importance	553
IMPORTANT FARMLAND SUBTOTAL	925
Grazing Land	3,009
AGRICULTURAL LAND SUBTOTAL	3,934
Urban and Built-up Land	0
Other Land	137
Water Area	0
TOTAL ACRES REPORTED	4,071

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	5	15	23	43	149	192	86	478	0	756
Farmland of Statewide Importance	to: 5	--	4	8	17	147	164	65	381	0	610
Unique Farmland (2)	to: 10	6	--	128	144	535	679	98	1,050	0	1,827
Farmland of Local Importance (3)	to: 429	64	1,733	--	2,226	961	3,187	96	684	0	3,967
IMPORTANT FARMLAND SUBTOTAL	444	75	1,752	159	2,430	1,792	4,222	345	2,593	0	7,160
Grazing Land (2) (3)	to: 94	46	1,290	26	1,456	--	1,456	410	2,475	0	4,341
AGRICULTURAL LAND SUBTOTAL	538	121	3,042	185	3,886	1,792	5,678	755	5,068	0	11,501
Urban and Built-up Land (4)	to: 40	36	31	27	134	262	396	--	541	0	937
Other Land	to: 124	83	213	28	448	344	792	1,106	--	0	1,898
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	702	240	3,286	240	4,468	2,398	6,866	1,861	5,609	0	14,336

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversions to Other Land primarily due to land left idle for three or more update cycles and new confined livestock operations. In addition, digital orthoquads were used to distinguish low-density housing and rural commercial areas in the northern forested areas of the county as well as adjacent to the City of Madera.

(3) Conversions to Unique Farmland are due to addition of irrigated orchards, vineyards, and crops primarily north of the City of Madera as well as the southern part of the county.

(4) Conversions from Urban and Built-up Land primarily the result of the use of highly detailed digital imagery to delineate rural residential and rural commercial areas in the northern forested area of the county as well as adjacent to the City of Madera.

TABLE A-13
MARIN COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	7	7	0	0	0	0
Farmland of Statewide Importance	433	445	3	15	18	12
Unique Farmland	255	256	0	1	1	1
Farmland of Local Importance	66,472	65,750	746	24	770	-722
IMPORTANT FARMLAND SUBTOTAL	67,167	66,458	749	40	789	-709
Grazing Land	90,242	89,938	318	14	332	-304
AGRICULTURAL LAND SUBTOTAL	157,409	156,396	1,067	54	1,121	-1,013
Urban and Built-up Land	41,480	41,903	23	446	469	423
Other Land	135,054	135,644	299	889	1,188	590
Water Area	44,715	44,715	0	0	0	0
TOTAL AREA INVENTORIED	378,658	378,658	1,389	1,389	2,778	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	17
Water Area	0
TOTAL ACREAGE REPORTED	17

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	0	0	0	0	0	0	0	0
Farmland of Statewide Importance	to: 0	--	0	0	0	0	0	3	0	0	3
Unique Farmland	to: 0	0	--	0	0	0	0	0	0	0	0
Farmland of Local Importance	to: 0	10	0	--	10	3	13	112	621	0	746
IMPORTANT FARMLAND SUBTOTAL	0	10	0	0	10	3	13	115	621	0	749
Grazing Land	to: 0	1	0	22	23	--	23	43	252	0	318
AGRICULTURAL LAND SUBTOTAL	0	11	0	22	33	3	36	158	873	0	1,067
Urban and Built-up Land	to: 0	0	0	1	1	6	7	--	16	0	23
Other Land	to: 0	4	1	1	6	5	11	288	--	0	299
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 0	15	1	24	40	14	54	446	889	0	1,389

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

TABLE A-14
MARIPOSA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	49	23	26	0	26	-26
Farmland of Statewide Importance	117	97	20	0	20	-20
Unique Farmland	60	57	11	8	19	-3
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	226	177	57	8	65	-49
Grazing Land	406,413	404,018	2,452	57	2,509	-2,395
AGRICULTURAL LAND SUBTOTAL	406,639	404,195	2,509	65	2,574	-2,444
Urban and Built-up Land	2,378	2,407	0	29	29	29
Other Land	73,382	75,797	31	2,446	2,477	2,415
Water Area	6,047	6,047	0	0	0	0
TOTAL AREA INVENTORIED	488,446	488,446	2,540	2,540	5,080	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	1,339
AGRICULTURAL LAND SUBTOTAL	1,339
Urban and Built-up Land	0
Other Land	155
Water Area	0
TOTAL ACREAGE REPORTED	1,494

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	0	0	26	26	0	0	0	26
Farmland of Statewide Importance	to: 0	--	0	0	0	20	20	0	0	0	20
Unique Farmland	to: 0	0	--	0	0	11	11	0	0	0	11
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	0	0	0	0	0	57	57	0	0	0	57
Grazing Land (2)	to: 0	0	0	0	0	--	--	6	2,446	0	2,452
AGRICULTURAL LAND SUBTOTAL	0	0	0	0	0	57	57	6	2,446	0	2,509
Urban and Built-up Land	to: 0	0	0	0	0	0	0	--	0	0	0
Other Land	to: 0	0	8	0	8	0	8	23	--	0	31
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 0	0	8	0	8	57	65	29	2,446	0	2,540

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Other Land primarily due to the addition of low-density housing (ranchettes) throughout the county.

TABLE A-15
MERCED COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	283,158	276,574	7,330	746	8,076	-6,584
Farmland of Statewide Importance	159,022	155,854	4,248	1,080	5,328	-3,168
Unique Farmland	103,008	103,134	3,594	3,720	7,314	126
Farmland of Local Importance	42,818	53,762	3,133	14,077	17,210	10,944
IMPORTANT FARMLAND SUBTOTAL	588,006	589,324	18,305	19,623	37,928	1,318
Grazing Land	578,026	573,630	4,856	460	5,316	-4,396
AGRICULTURAL LAND SUBTOTAL	1,166,032	1,162,954	23,161	20,083	43,244	-3,078
Urban and Built-up Land	33,091	34,943	124	1,976	2,100	1,852
Other Land	45,321	46,547	1,445	2,671	4,116	1,226
Water Area	16,970	16,970	0	0	0	0
TOTAL AREA INVENTORIED	1,261,414	1,261,414	24,730	24,730	49,460	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	136
Farmland of Statewide Importance	45
Unique Farmland	68
Farmland of Local Importance	581
IMPORTANT FARMLAND SUBTOTAL	830
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	830
Urban and Built-up Land	0
Other Land	36
Water Area	0
TOTAL ACRES REPORTED	866

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (3)	to: --	6	12	5,511	5,529	12	5,541	712	1,077	0	7,330
Farmland of Statewide Importance (2)	to: 6	--	9	3,307	3,322	32	3,354	262	632	0	4,248
Unique Farmland (2)	to: 34	4	--	2,999	3,037	62	3,099	111	384	0	3,594
Farmland of Local Importance (4)	to: 258	440	1,663	--	2,361	17	2,378	592	163	0	3,133
IMPORTANT FARMLAND SUBTOTAL	298	450	1,684	11,817	14,249	123	14,372	1,677	2,256	0	18,305
Grazing Land (4) (5)	to: 249	418	1,855	1,863	4,385	--	4,385	137	334	0	4,856
AGRICULTURAL LAND SUBTOTAL	547	868	3,539	13,680	18,634	123	18,757	1,814	2,590	0	23,161
Urban and Built-up Land (6)	to: 9	2	16	2	29	14	43	--	81	0	124
Other Land	to: 190	210	165	395	960	323	1,283	162	--	0	1,445
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 746	1,080	3,720	14,077	19,623	460	20,083	1,976	2,671	0	24,730

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three update cycles and the delineation of dryland grain areas throughout the county.

(3) Conversion to Other Land primarily due to the addition of low-density housing (ranchettes) and confined animal agriculture facilities.

(4) Conversion to Unique Farmland due to the addition of newly irrigated agriculture, and formerly idle farmland being brought into production, throughout the county.

(5) Conversion to Farmland of Local Importance primarily due to the delineation of dryland grain areas in the eastern part of the county.

(6) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

MERCED COUNTY

TABLE A-16
MODOC COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			NET ACRES CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	
Prime Farmland	79,157	77,825	1,595	263	1,858	-1,332
Farmland of Statewide Importance	54,940	54,185	851	96	947	-755
Unique Farmland	11,397	11,696	97	396	493	299
Farmland of Local Importance	112,234	113,975	787	2,528	3,315	1,741
IMPORTANT FARMLAND SUBTOTAL	257,728	257,681	3,330	3,283	6,613	-47
Grazing Land	572,281	572,021	355	95	450	-260
AGRICULTURAL LAND SUBTOTAL	830,009	829,702	3,685	3,378	7,063	-307
Urban and Built-up Land	3,235	3,235	0	0	0	0
Other Land	18,092	18,399	35	342	377	307
Water Area	56,331	56,331	0	0	0	0
TOTAL AREA INVENTORIED	907,667	907,667	3,720	3,720	7,440	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	16
Farmland of Statewide Importance	39
Unique Farmland	44
Farmland of Local Importance	1,436
IMPORTANT FARMLAND SUBTOTAL	1,535
Grazing Land	3,295
AGRICULTURAL LAND SUBTOTAL	4,830
Urban and Built-up Land	0
Other Land	39
Water Area	0
TOTAL ACRES REPORTED	4,869

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	1	0	1,426	1,427	73	1,500	0	95	0	1,595
Farmland of Statewide Importance	to: 0	--	0	816	816	3	819	0	32	0	851
Unique Farmland	to: 0	0	--	55	55	8	63	0	34	0	97
Farmland of Local Importance	to: 259	83	263	--	605	11	616	0	171	0	787
IMPORTANT FARMLAND SUBTOTAL	259	84	263	2,297	2,903	95	2,998	0	332	0	3,330
Grazing Land	to: 3	0	133	209	345	--	345	0	10	0	355
AGRICULTURAL LAND SUBTOTAL	262	84	396	2,506	3,248	95	3,343	0	342	0	3,685
Urban and Built-up Land	to: 0	0	0	0	0	0	0	--	0	0	0
Other Land	to: 1	12	0	22	35	0	35	0	--	0	35
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	263	96	396	2,528	3,283	95	3,378	0	342	0	3,720

(1) Due to the incorporation of digital soil survey data (SSURGO) for the Butte Valley-Tulelake and Alturas areas during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land decreased relative to other agricultural categories as a result of the automated selection of qualifying soil units using SSURGO.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three or more update cycles and the delineation of dryland grain areas.

TABLE A-17
MONTEREY COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	169,338	169,368	791	821	1,612	30
Farmland of Statewide Importance	44,998	44,544	622	168	790	-454
Unique Farmland	26,476	26,478	453	455	908	2
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	240,812	240,390	1,866	1,444	3,310	-422
Grazing Land	1,057,448	1,066,539	1,387	10,478	11,865	9,091
AGRICULTURAL LAND SUBTOTAL	1,298,260	1,306,929	3,253	11,922	15,175	8,669
Urban and Built-up Land	54,060	54,293	18	251	269	233
Other Land	762,559	753,657	9,497	595	10,092	-8,902
Water Area	6,246	6,246	0	0	0	0
TOTAL AREA INVENTORIED	2,121,125	2,121,125	12,768	12,768	25,536	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	512
Farmland of Statewide Importance	0
Unique Farmland	31
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	543
Grazing Land	71
AGRICULTURAL LAND SUBTOTAL	614
Urban and Built-up Land	0
Other Land	326
Water Area	0
TOTAL ACREAGE REPORTED	940

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	1	1	0	2	396	398	123	270	0	791
Farmland of Statewide Importance	to: 2	--	6	0	8	484	492	11	119	0	622
Unique Farmland	to: 7	2	--	0	9	315	324	21	108	0	453
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	9	3	7	0	19	1,195	1,214	155	497	0	1,866
Grazing Land	to: 786	138	380	0	1,304	--	1,304	0	83	0	1,387
AGRICULTURAL LAND SUBTOTAL	795	141	387	0	1,323	1,195	2,518	155	580	0	3,253
Urban and Built-up Land	to: 0	1	0	0	1	2	3	--	15	0	18
Other Land (2)	to: 26	26	68	0	120	9,281	9,401	96	--	0	9,497
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 821	168	455	0	1,444	10,478	11,922	251	595	0	12,768

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Grazing Land primarily due to documentation on grazing leases within the Camp Roberts military reservation.

TABLE A-18
NAPA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	31,894	32,446	342	894	1,236	552
Farmland of Statewide Importance	9,696	9,792	186	282	468	96
Unique Farmland	17,902	17,811	851	760	1,611	-91
Farmland of Local Importance	19,714	19,279	738	303	1,041	-435
IMPORTANT FARMLAND SUBTOTAL	79,206	79,328	2,117	2,239	4,356	122
Grazing Land	180,181	179,905	373	97	470	-276
AGRICULTURAL LAND SUBTOTAL	259,387	259,233	2,490	2,336	4,826	-154
Urban and Built-up Land	21,397	22,245	26	874	900	848
Other Land	202,676	201,982	1,250	556	1,806	-694
Water Area	22,396	22,396	0	0	0	0
TOTAL AREA INVENTORIED	505,856	505,856	3,766	3,766	7,532	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	46
Farmland of Statewide Importance	12
Unique Farmland	0
Farmland of Local Importance	1,634
IMPORTANT FARMLAND SUBTOTAL	1,692
Grazing Land	107
AGRICULTURAL LAND SUBTOTAL	1,799
Urban and Built-up Land	0
Other Land	126
Water Area	0
TOTAL ACREAGE REPORTED	1,925

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	1	3	171	175	0	175	39	128	0	342
Farmland of Statewide Importance	to: 2	--	2	108	112	0	112	20	54	0	186
Unique Farmland (2)	to: 500	10	--	16	526	94	620	14	217	0	851
Farmland of Local Importance	to: 290	188	1	--	479	3	482	178	78	0	738
IMPORTANT FARMLAND SUBTOTAL	792	199	6	295	1,292	97	1,389	251	477	0	2,117
Grazing Land	to: 3	2	251	0	256	--	256	42	75	0	373
AGRICULTURAL LAND SUBTOTAL	795	201	257	295	1,548	97	1,645	293	552	0	2,490
Urban and Built-up Land	to: 14	0	0	8	22	0	22	--	4	0	26
Other Land	to: 85	81	503	0	669	0	669	581	--	0	1,250
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 894	282	760	303	2,239	97	2,336	874	556	0	3,766

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Prime Farmland due to the replacement of nonirrigated vineyards with irrigated ones, primarily on the Napa Valley floor.

TABLE A-19
NEVADA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	697	658	40	1	41	-39
Farmland of Statewide Importance	3,257	3,076	185	4	189	-181
Unique Farmland	477	457	46	26	72	-20
Farmland of Local Importance	24,297	22,850	1,486	39	1,525	-1,447
IMPORTANT FARMLAND SUBTOTAL	28,728	27,041	1,757	70	1,827	-1,687
Grazing Land	121,986	121,984	564	562	1,126	-2
AGRICULTURAL LAND SUBTOTAL	150,714	149,025	2,321	632	2,953	-1,689
Urban and Built-up Land	15,399	17,168	111	1,880	1,991	1,769
Other Land	123,129	123,049	1,464	1,384	2,848	-80
Water Area	2,145	2,145	0	0	0	0
TOTAL AREA INVENTORIED	291,387	291,387	3,896	3,896	7,792	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	0
Farmland of Statewide Importance	114
Unique Farmland	0
Farmland of Local Importance	203
IMPORTANT FARMLAND SUBTOTAL	317
Grazing Land	344
AGRICULTURAL LAND SUBTOTAL	661
Urban and Built-up Land	0
Other Land	43
Water Area	0
TOTAL ACRES REPORTED	704

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	4	4	0	4	0	36	0	40
Farmland of Statewide Importance	to: 0	--	0	1	1	0	1	51	133	0	185
Unique Farmland	to: 0	0	--	8	8	0	8	22	16	0	46
Farmland of Local Importance	to: 0	0	25	--	25	529	554	45	887	0	1,486
IMPORTANT FARMLAND SUBTOTAL	0	0	25	13	38	529	567	118	1,072	0	1,757
Grazing Land	to: 0	0	0	17	17	--	17	298	249	0	564
AGRICULTURAL LAND SUBTOTAL	0	0	25	30	55	529	584	416	1,321	0	2,321
Urban and Built-up Land (2)	to: 1	4	1	9	15	33	48	--	63	0	111
Other Land	to: 0	0	0	0	0	0	0	1,464	--	0	1,464
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 1	4	26	39	70	562	632	1,880	1,384	0	3,896

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land decreased relative to Farmland of Local Importance as a result of the automated selection of qualifying soil units using SSURGO and updated Williamson Act enrollment data.

(2) Conversion from Urban and Built-up Land primarily the result of the use of detailed digital imagery to delineate more distinct urban boundaries.

TABLE A-20
ORANGE COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	8,531	7,260	1,323	52	1,375	-1,271
Farmland of Statewide Importance	736	621	124	9	133	-115
Unique Farmland	5,343	5,601	590	848	1,438	258
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	14,610	13,482	2,037	909	2,946	-1,128
Grazing Land	36,960	35,872	1,158	70	1,228	-1,088
AGRICULTURAL LAND SUBTOTAL	51,570	49,354	3,195	979	4,174	-2,216
Urban and Built-up Land	277,989	282,180	10	4,201	4,211	4,191
Other Land	178,928	176,953	2,173	198	2,371	-1,975
Water Area	972	972	0	0	0	0
TOTAL AREA INVENTORIED	509,459	509,459	5,378	5,378	10,756	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	3,501
Farmland of Statewide Importance	269
Unique Farmland	2,865
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	6,635
Grazing Land	16
AGRICULTURAL LAND SUBTOTAL	6,651
Urban and Built-up Land	0
Other Land	2,222
Water Area	0
TOTAL ACRES REPORTED	8,873

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (1)	to: --	0	748	0	748	55	803	457	63	0	1,323
Farmland of Statewide Importance (1)	to: 1	--	37	0	38	1	39	76	9	0	124
Unique Farmland	to: 1	1	--	0	2	14	16	461	113	0	590
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	2	1	785	0	788	70	858	994	185	0	2,037
Grazing Land	to: 0	0	26	0	26	--	26	1,119	13	0	1,158
AGRICULTURAL LAND SUBTOTAL	2	1	811	0	814	70	884	2,113	198	0	3,195
Urban and Built-up Land	to: 9	0	1	0	10	0	10	--	0	0	10
Other Land	to: 41	8	36	0	85	0	85	2,088	--	0	2,173
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 52	9	848	0	909	70	979	4,201	198	0	5,378

(1) Conversion to Unique Farmland due to the delineation of potted plant nurseries in the foothills east of Irvine.

TABLE A-21
PLACER COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	9,538	9,236	433	131	564	-302
Farmland of Statewide Importance	5,493	5,509	386	402	788	16
Unique Farmland	22,105	23,283	507	1,685	2,192	1,178
Farmland of Local Importance	87,832	86,234	2,393	795	3,188	-1,598
IMPORTANT FARMLAND SUBTOTAL	124,968	124,262	3,719	3,013	6,732	-706
Grazing Land	50,478	46,000	4,685	207	4,892	-4,478
AGRICULTURAL LAND SUBTOTAL	175,446	170,262	8,404	3,220	11,624	-5,184
Urban and Built-up Land	46,853	52,181	15	5,343	5,358	5,328
Other Land	184,202	184,058	1,239	1,095	2,334	-144
Water Area	5,027	5,027	0	0	0	0
TOTAL AREA INVENTORIED	411,528	411,528	9,658	9,658	19,316	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	15
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	15
Grazing Land	2,120
AGRICULTURAL LAND SUBTOTAL	2,135
Urban and Built-up Land	0
Other Land	166
Water Area	0
TOTAL ACREAGE REPORTED	2,301

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	99	99	46	145	182	106	0	433
Farmland of Statewide Importance	to: 1	--	1	129	131	137	268	0	118	0	386
Unique Farmland	to: 1	0	--	216	217	9	226	177	104	0	507
Farmland of Local Importance (2)	to: 59	332	1,615	--	2,006	1	2,007	155	231	0	2,393
IMPORTANT FARMLAND SUBTOTAL	61	332	1,616	444	2,453	193	2,646	514	559	0	3,719
Grazing Land	to: 4	36	16	89	145	--	145	4,011	529	0	4,685
AGRICULTURAL LAND SUBTOTAL	65	368	1,632	533	2,598	193	2,791	4,525	1,088	0	8,404
Urban and Built-up Land	to: 0	3	0	0	3	5	8	--	7	0	15
Other Land	to: 66	31	53	262	412	9	421	818	--	0	1,239
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 131	402	1,685	795	3,013	207	3,220	5,343	1,095	0	9,658

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. In particular, Farmland of Local Importance decreased relative to Grazing Land due to the revised soil survey as well as updated General Plan and Williamson Act data, which are components of Placer County's Farmland of Local Importance definition.

(2) Conversion to Unique Farmland due to the addition of irrigated field cops, row crops, irrigated pasture, and orchards throughout the county.

TABLE A-22
RIVERSIDE COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I
County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	139,253	134,429	7,685	2,861	10,546	-4,824
Farmland of Statewide Importance	49,508	48,499	2,183	1,174	3,357	-1,009
Unique Farmland	39,936	38,691	2,703	1,458	4,161	-1,245
Farmland of Local Importance	250,581	244,849	14,326	8,594	22,920	-5,732
IMPORTANT FARMLAND SUBTOTAL	479,278	466,468	26,897	14,087	40,984	-12,810
Grazing Land	117,005	116,029	1,066	90	1,156	-976
AGRICULTURAL LAND SUBTOTAL	596,283	582,497	27,963	14,177	42,140	-13,786
Urban and Built-up Land	262,867	277,273	1,103	15,509	16,612	14,406
Other Land	1,012,928	1,012,308	6,669	6,049	12,718	-620
Water Area	62,541	62,541	0	0	0	0
TOTAL AREA INVENTORIED	1,934,619	1,934,619	35,735	35,735	71,470	0

PART II
Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	1,471
Farmland of Statewide Importance	283
Unique Farmland	749
Farmland of Local Importance	15,283
IMPORTANT FARMLAND SUBTOTAL	17,786
Grazing Land	4,066
AGRICULTURAL LAND SUBTOTAL	21,852
Urban and Built-up Land	0
Other Land	18,857
Water Area	0
TOTAL ACREAGE REPORTED	40,709

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)(3)	to: --	12	217	4,630	4,859	0	4,859	2,093	733	0	7,685
Farmland of Statewide Importance (2)(3)	to: 11	--	103	1,452	1,566	0	1,566	378	239	0	2,183
Unique Farmland (3)	to: 29	12	--	1,713	1,754	5	1,759	324	620	0	2,703
Farmland of Local Importance (4)(5)	to: 2,419	999	409	--	3,827	51	3,878	7,002	3,446	0	14,326
IMPORTANT FARMLAND SUBTOTAL	2,459	1,023	729	7,795	12,006	56	12,062	9,797	5,038	0	26,897
Grazing Land	to: 0	0	60	75	135	--	135	408	523	0	1,066
AGRICULTURAL LAND SUBTOTAL	2,459	1,023	789	7,870	12,141	56	12,197	10,205	5,561	0	27,963
Urban and Built-up Land	to: 168	69	73	290	600	15	615	--	488	0	1,103
Other Land	to: 234	82	596	434	1,346	19	1,365	5,304	--	0	6,669
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 2,861	1,174	1,458	8,594	14,087	90	14,177	15,509	6,049	0	35,735

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Unique Farmland primarily due to the delineation of potted plant nurseries in the Riverside and Coachella Valley areas.

(3) Conversion to Farmland of Local Importance primarily due to land left idle for three or more update cycles and the delineation of dryland grain areas.

(4) Conversion to Prime Farmland due to the addition of irrigated field cops, row crops, and orchards, primarily in the San Jacinto and Coachella Valleys and a comment by Agri-Empire Farmland allowing the delineation of approximately 1,000 acres of irrigated cropland in the Anza Valley.

(5) Conversion to Other Land primarily the result of the addition of low-density housing (ranchettes), industrial uses throughout the county, and aquaculture facilities in the Salton Sea area.

(6) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries. Also, an area of Urban Land was returned to irrigated farmland on the Blythe quad and some ponds on the Oasis quad were found to be aquaculture facilities.

RIVERSIDE COUNTY

TABLE A-23
SACRAMENTO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	112,037	110,278	1,818	59	1,877	-1,759
Farmland of Statewide Importance	60,817	56,141	4,796	120	4,916	-4,676
Unique Farmland	15,743	15,188	637	82	719	-555
Farmland of Local Importance	37,924	39,873	2,795	4,744	7,539	1,949
IMPORTANT FARMLAND SUBTOTAL	226,521	221,480	10,046	5,005	15,051	-5,041
Grazing Land	165,023	163,173	2,288	438	2,726	-1,850
AGRICULTURAL LAND SUBTOTAL	391,544	384,653	12,334	5,443	17,777	-6,891
Urban and Built-up Land	159,903	165,629	33	5,759	5,792	5,726
Other Land	66,383	67,548	964	2,129	3,093	1,165
Water Area	18,253	18,253	0	0	0	0
TOTAL AREA INVENTORIED	636,083	636,083	13,331	13,331	26,662	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	58
Unique Farmland	0
Farmland of Local Importance	227
IMPORTANT FARMLAND SUBTOTAL	285
Grazing Land	1,268
AGRICULTURAL LAND SUBTOTAL	1,553
Urban and Built-up Land	0
Other Land	186
Water Area	0
TOTAL ACREAGE REPORTED	1,739

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	2	0	1,204	1,206	2	1,208	295	315	0	1,818
Farmland of Statewide Importance (2)	to: 0	--	10	3,414	3,424	7	3,431	1,070	295	0	4,796
Unique Farmland	to: 2	2	--	56	60	326	386	74	177	0	637
Farmland of Local Importance	to: 3	63	34	--	100	94	194	2,206	395	0	2,795
IMPORTANT FARMLAND SUBTOTAL	5	67	44	4,674	4,790	429	5,219	3,645	1,182	0	10,046
Grazing Land	to: 35	36	23	27	121	--	121	1,228	939	0	2,288
AGRICULTURAL LAND SUBTOTAL	40	103	67	4,701	4,911	429	5,340	4,873	2,121	0	12,334
Urban and Built-up Land	to: 7	0	1	10	18	7	25	--	8	0	33
Other Land	to: 12	17	14	33	76	2	78	886	--	0	964
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 59	120	82	4,744	5,005	438	5,443	5,759	2,129	0	13,331

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three update cycles and the delineation of dryland grain areas.

TABLE A-24
SAN BENITO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	32,509	32,085	934	510	1,444	-424
Farmland of Statewide Importance	9,040	9,465	100	525	625	425
Unique Farmland	2,581	2,625	274	318	592	44
Farmland of Local Importance	32,922	27,388	5,875	341	6,216	-5,534
IMPORTANT FARMLAND SUBTOTAL	77,052	71,563	7,183	1,694	8,877	-5,489
Grazing Land	598,926	603,617	980	5,671	6,651	4,691
AGRICULTURAL LAND SUBTOTAL	675,978	675,180	8,163	7,365	15,528	-798
Urban and Built-up Land	7,416	7,644	69	297	366	228
Other Land	204,857	205,427	116	686	802	570
Water Area	1,140	1,140	0	0	0	0
TOTAL AREA INVENTORIED	889,391	889,391	8,348	8,348	16,696	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACREAGE REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	1	90	169	260	278	538	116	280	0	934
Farmland of Statewide Importance	to: 1	--	1	33	35	8	43	4	53	0	100
Unique Farmland	to: 13	0	--	13	26	126	152	3	119	0	274
Farmland of Local Importance (3)	to: 253	237	60	--	550	5,239	5,789	17	69	0	5,875
IMPORTANT FARMLAND SUBTOTAL	267	238	151	215	871	5,651	6,522	140	521	0	7,183
Grazing Land	to: 170	277	154	110	711	--	711	122	147	0	980
AGRICULTURAL LAND SUBTOTAL	437	515	305	325	1,582	5,651	7,233	262	668	0	8,163
Urban and Built-up Land	to: 22	9	4	2	37	14	51	--	18	0	69
Other Land	to: 51	1	9	14	75	6	81	35	--	0	116
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 510	525	318	341	1,694	5,671	7,365	297	686	0	8,348

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion from Prime Farmland due to the expansion of an existing wholesale potted plant nursery.

(3) Conversion from Farmland of Local Importance is due to land idled for four or more update cycles. Large areas that were formerly dry grain were reclassified in the eastern and southeastern portions of the county.

TABLE A-25
SAN BERNARDINO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	21,648	20,315	1,571	238	1,809	-1,333
Farmland of Statewide Importance	9,706	8,777	1,113	184	1,297	-929
Unique Farmland	3,412	2,654	816	58	874	-758
Farmland of Local Importance	3,314	2,928	402	16	418	-386
IMPORTANT FARMLAND SUBTOTAL	38,080	34,674	3,902	496	4,398	-3,406
Grazing Land	919,331	915,548	5,358	1,575	6,933	-3,783
AGRICULTURAL LAND SUBTOTAL	957,411	950,222	9,260	2,071	11,331	-7,189
Urban and Built-up Land	249,952	259,266	95	9,409	9,504	9,314
Other Land	241,636	239,511	4,836	2,711	7,547	-2,125
Water Area	543	543	0	0	0	0
TOTAL AREA INVENTORIED	1,449,542	1,449,542	14,191	14,191	28,382	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	117
Farmland of Statewide Importance	95
Unique Farmland	3
Farmland of Local Importance	523
IMPORTANT FARMLAND SUBTOTAL	738
Grazing Land	12,759
AGRICULTURAL LAND SUBTOTAL	13,497
Urban and Built-up Land	0
Other Land	732
Water Area	0
TOTAL ACREAGE REPORTED	14,229

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	0	0	546	546	652	373	0	1,571
Farmland of Statewide Importance	to: 0	--	5	0	5	465	470	399	244	0	1,113
Unique Farmland	to: 0	2	--	16	18	513	531	200	85	0	816
Farmland of Local Importance	to: 22	0	7	--	29	0	29	373	0	0	402
IMPORTANT FARMLAND SUBTOTAL	22	2	12	16	52	1,524	1,576	1,624	702	0	3,902
Grazing Land (1)	to: 171	151	11	0	333	--	333	3,076	1,949	0	5,358
AGRICULTURAL LAND SUBTOTAL	193	153	23	16	385	1,524	1,909	4,700	2,651	0	9,260
Urban and Built-up Land (1)	to: 0	8	0	0	8	27	35	--	60	0	95
Other Land	to: 45	23	35	0	103	24	127	4,709	--	0	4,836
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 238	184	58	16	496	1,575	2,071	9,409	2,711	0	14,191

(1) Conversion to Other Land primarily due to the use of improved digital imagery to delineate low-density housing (ranchettes) and freeway interchanges in the rural areas of the County. Land management practices in portions of Mojave Narrows Regional Park resulted in their removal from the Grazing Land category.

TABLE A-26
SAN DIEGO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES		
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	NET ACREAGE CHANGED
Prime Farmland	9,401	8,525	1,420	544	-876
Farmland of Statewide Importance	13,450	12,181	1,994	725	-1,269
Unique Farmland	57,522	55,566	3,242	1,286	-1,956
Farmland of Local Importance	133,543	134,491	5,208	6,156	948
IMPORTANT FARMLAND SUBTOTAL	213,916	210,763	11,864	8,711	-3,153
Grazing Land	111,442	107,327	4,141	26	-4,115
AGRICULTURAL LAND SUBTOTAL	325,358	318,090	16,005	8,737	-7,268
Urban and Built-up Land	332,715	338,845	171	6,301	6,130
Other Land	1,495,576	1,496,460	5,114	5,998	884
Water Area	13,043	13,297	0	254	254
TOTAL AREA INVENTORIED	2,166,692	2,166,692	21,290	21,290	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	330
Farmland of Statewide Importance	204
Unique Farmland	426
Farmland of Local Importance	2,486
IMPORTANT FARMLAND SUBTOTAL	3,446
Grazing Land	2,031
AGRICULTURAL LAND SUBTOTAL	5,477
Urban and Built-up Land	0
Other Land	3,988
Water Area	0
TOTAL ACREAGE REPORTED	9,465

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (3)	to: --	4	69	1,245	1,318	0	1,318	17	85	0	1,420
Farmland of Statewide Importance (3)	to: 3	--	16	1,760	1,779	0	1,779	87	128	0	1,994
Unique Farmland (3) (4)	to: 69	39	--	2,556	2,664	9	2,673	101	468	0	3,242
Farmland of Local Importance (5)	to: 165	489	659	--	1,313	16	1,329	2,189	1,688	2	5,208
IMPORTANT FARMLAND SUBTOTAL	237	532	744	5,561	7,074	25	7,099	2,394	2,369	2	11,864
Grazing Land (5)	to: 0	0	38	133	171	--	171	395	3,543	32	4,141
AGRICULTURAL LAND SUBTOTAL	237	532	782	5,694	7,245	25	7,270	2,789	5,912	34	16,005
Urban and Built-up Land (6)	to: 4	0	72	9	85	0	85	--	86	0	171
Other Land (7)	to: 303	193	432	453	1,381	1	1,382	3,512	--	220	5,114
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 544	725	1,286	6,156	8,711	26	8,737	6,301	5,998	254	21,290

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. In particular, Farmland of Local Importance increased relative to Grazing Lands as a result of the automated selection of qualifying soil units.

(2) Conversion to Unique Farmland due to the delineation of potted plant nurseries and an orchard that had been converted from irrigated to nonirrigated.

(3) Conversion to Farmland of Local Importance primarily due to land left idle for three or more update cycles.

(4) Conversion to Prime Farmland due to the delineation of in-ground nurseries in the northwestern portion of the county.

(5) Conversion to Other Land primarily due to the addition of low-density housing (ranchettes), equestrian facilities, and mining operations throughout the county.

(6) Conversion from Urban and Built-up Land primarily due to the delineation of potted plant or hydroponic nurseries and the abandonment of a solar power facility.

(7) Conversion to Water due to the new Olivenhain Reservoir on the Rancho Santa Fe quad.

SAN DIEGO COUNTY

TABLE A-27
SAN JOAQUIN COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	416,307	412,550	4,207	450	4,657	-3,757
Farmland of Statewide Importance	92,559	91,222	1,753	416	2,169	-1,337
Unique Farmland	61,030	62,535	943	2,448	3,391	1,505
Farmland of Local Importance	56,506	57,808	2,881	4,183	7,064	1,302
IMPORTANT FARMLAND SUBTOTAL	626,402	624,115	9,784	7,497	17,281	-2,287
Grazing Land	148,712	147,653	1,062	3	1,065	-1,059
AGRICULTURAL LAND SUBTOTAL	775,114	771,768	10,846	7,500	18,346	-3,346
Urban and Built-up Land	80,360	83,409	18	3,067	3,085	3,049
Other Land	45,480	45,777	543	840	1,383	297
Water Area	11,648	11,648	0	0	0	0
TOTAL AREA INVENTORIED	912,602	912,602	11,407	11,407	22,814	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	3,614
Farmland of Statewide Importance	716
Unique Farmland	358
Farmland of Local Importance	814
IMPORTANT FARMLAND SUBTOTAL	5,502
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	5,502
Urban and Built-up Land	0
Other Land	201
Water Area	0
TOTAL ACREAGE REPORTED	5,703

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	1	6	2,470	2,477	3	2,480	1,446	281	0	4,207
Farmland of Statewide Importance	to: 2	--	12	839	853	0	853	784	116	0	1,753
Unique Farmland	to: 2	11	--	782	795	0	795	24	124	0	943
Farmland of Local Importance (3)	to: 251	204	1,886	--	2,341	0	2,341	391	149	0	2,881
IMPORTANT FARMLAND SUBTOTAL	255	216	1,904	4,091	6,466	3	6,469	2,645	670	0	9,784
Grazing Land	to: 78	141	428	64	711	--	711	181	170	0	1,062
AGRICULTURAL LAND SUBTOTAL	333	357	2,332	4,155	7,177	3	7,180	2,826	840	0	10,846
Urban and Built-up Land	to: 1	14	0	3	18	0	18	--	0	0	18
Other Land	to: 116	45	116	25	302	0	302	241	--	0	543
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 450	416	2,448	4,183	7,497	3	7,500	3,067	840	0	11,407

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.
 (2) Conversion from Prime Farmland primarily due to land left idle for three or more update cycles.
 (3) Conversions to Unique Farmland are due to addition of irrigated orchards, vineyards, and crops throughout the county.

TABLE A-28
SAN LUIS OBISPO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	41,294	40,508	2,049	1,263	3,312	-786
Farmland of Statewide Importance	19,357	19,750	879	1,272	2,151	393
Unique Farmland	38,613	35,697	5,600	2,684	8,284	-2,916
Farmland of Local Importance	179,797	180,411	4,496	5,110	9,606	614
IMPORTANT FARMLAND SUBTOTAL	279,061	276,366	13,024	10,329	23,353	-2,695
Grazing Land	749,786	750,810	4,820	5,844	10,664	1,024
AGRICULTURAL LAND SUBTOTAL	1,028,847	1,027,176	17,844	16,173	34,017	-1,671
Urban and Built-up Land	41,361	42,124	151	914	1,065	763
Other Land	221,353	222,266	383	1,296	1,679	913
Water Area	10,607	10,602	5	0	5	-5
TOTAL AREA INVENTORIED	1,302,168	1,302,168	18,383	18,383	36,766	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	155
IMPORTANT FARMLAND SUBTOTAL	155
Grazing Land	232
AGRICULTURAL LAND SUBTOTAL	387
Urban and Built-up Land	0
Other Land	57
Water Area	0
TOTAL ACREAGE REPORTED	444

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	1	26	1,810	1,837	15	1,852	31	166	0	2,049
Farmland of Statewide Importance	to: 1	--	9	797	807	11	818	13	48	0	879
Unique Farmland (2) (3)	to: 82	5	--	422	509	4,889	5,398	53	149	0	5,600
Farmland of Local Importance (4)	to: 1,160	1,255	654	--	3,069	791	3,860	383	253	0	4,496
IMPORTANT FARMLAND SUBTOTAL	1,243	1,261	689	3,029	6,222	5,706	11,928	480	616	0	13,024
Grazing Land (5)	to: 14	7	1,927	2,040	3,988	--	3,988	187	645	0	4,820
AGRICULTURAL LAND SUBTOTAL	1,257	1,268	2,616	5,069	10,210	5,706	15,916	667	1,261	0	17,844
Urban and Built-up Land (6)	to: 1	0	1	24	26	90	116	--	35	0	151
Other Land	to: 5	4	62	17	88	48	136	247	--	0	383
Water Area	to: 0	0	5	0	5	0	5	0	0	--	5
TOTAL ACREAGE CONVERTED	to: 1,263	1,272	2,684	5,110	10,329	5,844	16,173	914	1,296	0	18,383

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land increased relative to Farmland of Local Importance as a result of the automated selection of qualifying soil units using SSURGO and assessment of long-term idling of dryland farming areas.

(2) Conversion to Farmland of Local Importance and Grazing Land primarily due to land left idle for three or more update cycles.

(3) Conversion to Prime Farmland due to identification of irrigated row crops on land formerly supporting non-irrigated orchards.

(4) Conversion to Prime Farmland, Farmland of Statewide Importance, and Unique Farmland due to new irrigated agriculture and non-irrigated orchards.

(5) Conversion to Farmland of Local Importance due to delineation of non-irrigated grain fields.

(6) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

SAN LUIS OBISPO COUNTY

TABLE A-29
SAN MATEO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			NET ACRES CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	
Prime Farmland	2,624	2,587	59	22	81	-37
Farmland of Statewide Importance	205	188	20	3	23	-17
Unique Farmland	2,656	2,658	55	57	112	2
Farmland of Local Importance	3,518	3,504	14	0	14	-14
IMPORTANT FARMLAND SUBTOTAL	9,003	8,937	148	82	230	-66
Grazing Land	45,888	45,948	44	104	148	60
AGRICULTURAL LAND SUBTOTAL	54,891	54,885	192	186	378	-6
Urban and Built-up Land	71,160	71,282	19	141	160	122
Other Land	161,664	161,548	138	22	160	-116
Water Area	65,734	65,734	0	0	0	0
TOTAL AREA INVENTORIED	353,449	353,449	349	349	698	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	250
AGRICULTURAL LAND SUBTOTAL	250
Urban and Built-up Land	0
Other Land	345
Water Area	0
TOTAL ACRES REPORTED	595

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	0	0	36	36	3	20	0	59
Farmland of Statewide Importance	to: 2	--	0	0	2	18	20	0	0	0	20
Unique Farmland	to: 3	0	--	0	3	50	53	0	2	0	55
Farmland of Local Importance	to: 14	0	0	--	14	0	14	0	0	0	14
IMPORTANT FARMLAND SUBTOTAL	19	0	0	0	19	104	123	3	22	0	148
Grazing Land	to: 3	3	38	0	44	--	44	0	0	0	44
AGRICULTURAL LAND SUBTOTAL	22	3	38	0	63	104	167	3	22	0	192
Urban and Built-up Land	to: 0	0	19	0	19	0	19	--	0	0	19
Other Land	to: 0	0	0	0	0	0	0	138	--	0	138
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 22	3	57	0	82	104	186	141	22	0	349

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

TABLE A-30
SANTA BARBARA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	66,460	67,774	1,365	2,679	4,044	1,314
Farmland of Statewide Importance	11,862	12,380	175	693	868	518
Unique Farmland	33,936	35,136	623	1,823	2,446	1,200
Farmland of Local Importance	23,088	20,836	3,035	783	3,818	-2,252
IMPORTANT FARMLAND SUBTOTAL	135,346	136,126	5,198	5,978	11,176	780
Grazing Land	586,286	583,310	3,854	878	4,732	-2,976
AGRICULTURAL LAND SUBTOTAL	721,632	719,436	9,052	6,856	15,908	-2,196
Urban and Built-up Land	61,076	62,028	36	988	1,024	952
Other Land	252,843	254,087	1,058	2,302	3,360	1,244
Water Area	4,264	4,264	0	0	0	0
TOTAL AREA INVENTORIED	1,039,815	1,039,815	10,146	10,146	20,292	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	438
Farmland of Statewide Importance	2
Unique Farmland	217
Farmland of Local Importance	45
IMPORTANT FARMLAND SUBTOTAL	702
Grazing Land	134
AGRICULTURAL LAND SUBTOTAL	836
Urban and Built-up Land	0
Other Land	120
Water Area	0
TOTAL ACREAGE REPORTED	956

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) to:	--	1	153	377	531	329	860	163	342	0	1,365
Farmland of Statewide Importance (2) to:	1	--	27	11	39	29	68	37	70	0	175
Unique Farmland to:	10	1	--	31	42	116	158	223	242	0	623
Farmland of Local Importance (3) to:	1,450	141	551	--	2,142	402	2,544	9	482	0	3,035
IMPORTANT FARMLAND SUBTOTAL	1,461	143	731	419	2,754	876	3,630	432	1,136	0	5,198
Grazing Land (3)(4) to:	1,101	474	739	337	2,651	--	2,651	39	1,164	0	3,854
AGRICULTURAL LAND SUBTOTAL	2,562	617	1,470	756	5,405	876	6,281	471	2,300	0	9,052
Urban and Built-up Land to:	10	1	20	3	34	0	34	--	2	0	36
Other Land to:	107	75	333	24	539	2	541	517	--	0	1,058
Water Area to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	2,679	693	1,823	783	5,978	878	6,856	988	2,302	0	10,146

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Unique Farmland due to the delineation of potted plant or hydroponic nurseries in the south coastal part of the county.

(3) Conversion to Prime Farmland due to newly irrigated agricultural land throughout the county. The largest conversion was an area of carrots in the Cuyama Valley.

(4) Conversion to Other Land primarily due to the delineation of low-density housing (ranchettes) throughout the county.

TABLE A-31

SANTA CLARA COUNTY

2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	26,577	24,717	1,960	100	2,060	-1,860
Farmland of Statewide Importance	5,932	5,630	308	6	314	-302
Unique Farmland	2,325	2,396	178	249	427	71
Farmland of Local Importance	7,339	6,003	1,347	11	1,358	-1,336
IMPORTANT FARMLAND SUBTOTAL	42,173	38,746	3,793	366	4,159	-3,427
Grazing Land	388,696	388,646	1,173	1,123	2,296	-50
AGRICULTURAL LAND SUBTOTAL	430,869	427,392	4,966	1,489	6,455	-3,477
Urban and Built-up Land	185,131	187,176	44	2,089	2,133	2,045
Other Land	210,774	212,206	486	1,918	2,404	1,432
Water Area	8,452	8,452	0	0	0	0
TOTAL AREA INVENTORIED	835,226	835,226	5,496	5,496	10,992	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	1,103
Farmland of Statewide Importance	13
Unique Farmland	3
Farmland of Local Importance	4
IMPORTANT FARMLAND SUBTOTAL	1,123
Grazing Land	1,715
AGRICULTURAL LAND SUBTOTAL	2,838
Urban and Built-up Land	0
Other Land	189
Water Area	0
TOTAL ACREAGE REPORTED	3,027

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	2	146	2	150	483	633	577	750	0	1,960
Farmland of Statewide Importance	to: 2	--	45	4	51	26	77	83	148	0	308
Unique Farmland	to: 1	0	--	0	1	27	28	92	58	0	178
Farmland of Local Importance	to: 64	0	27	--	91	586	677	221	449	0	1,347
IMPORTANT FARMLAND SUBTOTAL	67	2	218	6	293	1,122	1,415	973	1,405	0	3,793
Grazing Land	to: 5	0	3	0	8	--	8	676	489	0	1,173
AGRICULTURAL LAND SUBTOTAL	72	2	221	6	301	1,122	1,423	1,649	1,894	0	4,966
Urban and Built-up Land	to: 11	1	8	0	20	0	20	--	24	0	44
Other Land	to: 17	3	20	5	45	1	46	440	--	0	486
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 100	6	249	11	366	1,123	1,489	2,089	1,918	0	5,496

(1) Due to the incorporation of Santa Clara County digital soil survey data (SSURGO) in 2002, acreages for farmland, grazing and other land categories may differ from those published in the 2000-2002 Farmland Conversion Report.

(2) Conversion to Unique Farmland due to delineation of various potted plant nurseries, primarily in the Morgan Hill area.

TABLE A-32
SANTA CRUZ COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	15,540	15,214	415	89	504	-326
Farmland of Statewide Importance	3,367	3,268	131	32	163	-99
Unique Farmland	5,557	5,367	351	161	512	-190
Farmland of Local Importance	811	757	90	36	126	-54
IMPORTANT FARMLAND SUBTOTAL	25,275	24,606	987	318	1,305	-669
Grazing Land	16,727	16,868	122	263	385	141
AGRICULTURAL LAND SUBTOTAL	42,002	41,474	1,109	581	1,690	-528
Urban and Built-up Land	31,092	31,421	1	330	331	329
Other Land	212,260	212,459	292	491	783	199
Water Area	357	357	0	0	0	0
TOTAL AREA INVENTORIED	285,711	285,711	1,402	1,402	2,804	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	1
Farmland of Statewide Importance	7
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	8
Grazing Land	1
AGRICULTURAL LAND SUBTOTAL	9
Urban and Built-up Land	0
Other Land	18
Water Area	0
TOTAL ACREAGE REPORTED	27

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	32	0	32	99	131	94	190	0	415
Farmland of Statewide Importance	to: 2	--	5	0	7	28	35	43	53	0	131
Unique Farmland	to: 20	0	--	0	20	134	154	25	172	0	351
Farmland of Local Importance	to: 4	2	16	--	22	0	22	2	66	0	90
IMPORTANT FARMLAND SUBTOTAL	26	2	53	0	81	261	342	164	481	0	987
Grazing Land	to: 23	11	55	7	96	--	96	16	10	0	122
AGRICULTURAL LAND SUBTOTAL	49	13	108	7	177	261	438	180	491	0	1,109
Urban and Built-up Land	to: 1	0	0	0	1	0	1	--	0	0	1
Other Land	to: 39	19	53	29	140	2	142	150	--	0	292
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 89	32	161	36	318	263	581	330	491	0	1,402

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

TABLE A-33
SHASTA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	15,717	14,848	956	87	1,043	-869
Farmland of Statewide Importance	4,222	4,058	202	38	240	-164
Unique Farmland	940	761	180	1	181	-179
Farmland of Local Importance	9,482	9,171	368	57	425	-311
IMPORTANT FARMLAND SUBTOTAL	30,361	28,838	1,706	183	1,889	-1,523
Grazing Land	412,225	408,927	4,452	1,154	5,606	-3,298
AGRICULTURAL LAND SUBTOTAL	442,586	437,765	6,158	1,337	7,495	-4,821
Urban and Built-up Land	33,615	35,524	238	2,147	2,385	1,909
Other Land	539,138	542,050	1,900	4,812	6,712	2,912
Water Area	5,875	5,875	0	0	0	0
TOTAL AREA INVENTORIED	1,021,214	1,021,214	8,296	8,296	16,592	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	2
IMPORTANT FARMLAND SUBTOTAL	2
Grazing Land	205
AGRICULTURAL LAND SUBTOTAL	207
Urban and Built-up Land	0
Other Land	2,369
Water Area	0
TOTAL ACREAGE REPORTED	2,576

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	2	0	1	3	683	686	72	198	0	956
Farmland of Statewide Importance	to: 1	--	0	0	1	93	94	7	101	0	202
Unique Farmland	to: 1	1	--	0	2	164	166	0	14	0	180
Farmland of Local Importance	to: 23	2	1	--	26	148	174	87	107	0	368
IMPORTANT FARMLAND SUBTOTAL	25	5	1	1	32	1,088	1,120	166	420	0	1,706
Grazing Land (2)	to: 5	3	0	33	41	--	41	183	4,228	0	4,452
AGRICULTURAL LAND SUBTOTAL	30	8	1	34	73	1,088	1,161	349	4,648	0	6,158
Urban and Built-up Land (3)	to: 15	3	0	9	27	47	74	--	164	0	238
Other Land	to: 42	27	0	14	83	19	102	1,798	--	0	1,900
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 87	38	1	57	183	1,154	1,337	2,147	4,812	0	8,296

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Other Land primarily due to the use of digital orthoquads to distinguish low-density housing (ranchettes) in the forested areas of the county.

(3) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

TABLE A-34
SIERRA VALLEY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			NET ACRES CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	
Prime Farmland	8,336	8,791	37	492	529	455
Farmland of Statewide Importance	6,868	7,322	2	456	458	454
Unique Farmland	2,872	3,778	341	1,247	1,588	906
Farmland of Local Importance	92,163	90,196	2,351	384	2,735	-1,967
IMPORTANT FARMLAND SUBTOTAL	110,239	110,087	2,731	2,579	5,310	-152
Grazing Land	78,695	78,834	8	147	155	139
AGRICULTURAL LAND SUBTOTAL	188,934	188,921	2,739	2,726	5,465	-13
Urban and Built-up Land	811	811	0	0	0	0
Other Land	7,950	7,963	21	34	55	13
Water Area	75	75	0	0	0	0
TOTAL AREA INVENTORIED	197,770	197,770	2,760	2,760	5,520	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	9
Farmland of Statewide Importance	0
Unique Farmland	22
Farmland of Local Importance	57
IMPORTANT FARMLAND SUBTOTAL	88
Grazing Land	2,805
AGRICULTURAL LAND SUBTOTAL	2,893
Urban and Built-up Land	0
Other Land	136
Water Area	0
TOTAL ACRES REPORTED	3,029

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	37	37	0	37	0	0	0	37
Farmland of Statewide Importance	to: 0	--	1	1	2	0	2	0	0	0	2
Unique Farmland	to: 0	0	--	341	341	0	341	0	0	0	341
Farmland of Local Importance (2)	to: 476	456	1,246	--	2,178	147	2,325	0	26	0	2,351
IMPORTANT FARMLAND SUBTOTAL	476	456	1,247	379	2,558	147	2,705	0	26	0	2,731
Grazing Land	to: 0	0	0	0	0	--	0	0	8	0	8
AGRICULTURAL LAND SUBTOTAL	476	456	1,247	379	2,558	147	2,705	0	34	0	2,739
Urban and Built-up Land	to: 0	0	0	0	0	0	0	--	0	0	0
Other Land	to: 16	0	0	5	21	0	21	0	--	0	21
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 492	456	1,247	384	2,579	147	2,726	0	34	0	2,760

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Unique Farmland due to the delineation of new irrigated alfalfa in Sierra County.

TABLE A-35
SISKIYOU COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	93,046	79,822	13,351	127	13,478	-13,224
Farmland of Statewide Importance	31,525	28,747	2,796	18	2,814	-2,778
Unique Farmland	34,691	33,714	1,143	166	1,309	-977
Farmland of Local Importance	626,964	620,164	8,757	1,957	10,714	-6,800
IMPORTANT FARMLAND SUBTOTAL	786,226	762,447	26,047	2,268	28,315	-23,779
Grazing Land	393,253	386,315	13,123	6,185	19,308	-6,938
AGRICULTURAL LAND SUBTOTAL	1,179,479	1,148,762	39,170	8,453	47,623	-30,717
Urban and Built-up Land	15,376	15,377	22	23	45	1
Other Land	68,039	98,755	1,364	32,080	33,444	30,716
Water Area	18,399	18,399	0	0	0	0
TOTAL AREA INVENTORIED	1,281,293	1,281,293	40,556	40,556	81,112	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	9
IMPORTANT FARMLAND SUBTOTAL	9
Grazing Land	19
AGRICULTURAL LAND SUBTOTAL	28
Urban and Built-up Land	0
Other Land	36
Water Area	0
TOTAL ACRES REPORTED	64

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (3)	to: --	0	2	795	797	4,504	5,301	6	8,044	0	13,351
Farmland of Statewide Importance (3)	to: 1	--	1	341	343	104	447	0	2,349	0	2,796
Unique Farmland	to: 2	8	--	811	821	142	963	5	175	0	1,143
Farmland of Local Importance (3)	to: 114	10	153	--	277	73	350	10	8,397	0	8,757
IMPORTANT FARMLAND SUBTOTAL	117	18	156	1,947	2,238	4,823	7,061	21	18,965	0	26,047
Grazing Land (3)	to: 0	0	0	8	8	--	8	0	13,115	0	13,123
AGRICULTURAL LAND SUBTOTAL	117	18	156	1,955	2,246	4,823	7,069	21	32,080	0	39,170
Urban and Built-up Land	to: 10	0	10	2	22	0	22	--	0	0	22
Other Land	to: 0	0	0	0	0	1,362	1,362	2	--	0	1,364
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	127	18	166	1,957	2,268	6,185	8,453	23	32,080	0	40,556

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Grazing Land primarily due to land left idle for three or more update cycles and documentation of grazing leases within the Lower Klamath Wildlife Refuge, Butte Valley Wildlife Area, and Butte Valley National Grasslands.

(3) Conversion to Other Land is characterized by farmland left idle for three or more update cycles, primarily due to additions made to the refuge systems in the Lower Klamath and Tulelake Wildlife Refuge, Butte Valley, and Shasta Valley Wildlife Area.

TABLE A-36
SOLANO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			NET ACRES CHANGED
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	
Prime Farmland	143,210	141,574	1,817	181	1,998	-1,636
Farmland of Statewide Importance	7,582	7,287	331	36	367	-295
Unique Farmland	13,736	12,012	1,803	79	1,882	-1,724
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	164,528	160,873	3,951	296	4,247	-3,655
Grazing Land	201,339	201,303	2,745	2,709	5,454	-36
AGRICULTURAL LAND SUBTOTAL	365,867	362,176	6,696	3,005	9,701	-3,691
Urban and Built-up Land	55,434	57,717	90	2,373	2,463	2,283
Other Land	111,376	112,731	893	2,248	3,141	1,355
Water Area	49,696	49,749	0	53	53	53
TOTAL AREA INVENTORIED	582,373	582,373	7,679	7,679	15,358	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	46
Farmland of Statewide Importance	41
Unique Farmland	45
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	132
Grazing Land	3,708
AGRICULTURAL LAND SUBTOTAL	3,840
Urban and Built-up Land	0
Other Land	900
Water Area	0
TOTAL ACRES REPORTED	4,740

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	19	0	19	519	538	539	740	0	1,817
Farmland of Statewide Importance	to: 0	--	0	0	0	283	283	40	8	0	331
Unique Farmland (1)	to: 3	1	--	0	4	1,752	1,756	11	36	0	1,803
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	3	1	19	0	23	2,554	2,577	590	784	0	3,951
Grazing Land (2)	to: 79	7	43	0	129	--	129	1,165	1,451	0	2,745
AGRICULTURAL LAND SUBTOTAL	82	8	62	0	152	2,554	2,706	1,755	2,235	0	6,696
Urban and Built-up Land (3)	to: 9	0	0	0	9	15	24	--	13	53	90
Other Land	to: 90	28	17	0	135	140	275	618	--	0	893
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 181	36	79	0	296	2,709	3,005	2,373	2,248	53	7,679

(1) Conversion to Grazing Land primarily due to land left idle for three or more update cycles.

(2) Conversion to Other Land primarily due to the use of improved digital imagery to delineate low-density housing (ranchettes) in hilly areas of the county.

(3) Conversion from Urban Land to Water primarily due to the use of improved digital imagery to delineate Lake Chabot, a 45+ acre lake within the urban boundary of Fairfield.

TABLE A-37
SONOMA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	34,789	33,803	1,125	139	1,264	-986
Farmland of Statewide Importance	19,356	18,624	823	91	914	-732
Unique Farmland	33,787	33,300	1,067	580	1,647	-487
Farmland of Local Importance	74,076	76,384	267	2,575	2,842	2,308
IMPORTANT FARMLAND SUBTOTAL	162,008	162,111	3,282	3,385	6,667	103
Grazing Land	421,166	420,323	924	81	1,005	-843
AGRICULTURAL LAND SUBTOTAL	583,174	582,434	4,206	3,466	7,672	-740
Urban and Built-up Land	72,847	72,935	78	166	244	88
Other Land	352,685	353,337	97	749	846	652
Water Area	17,354	17,354	0	0	0	0
TOTAL AREA INVENTORIED	1,026,060	1,026,060	4,381	4,381	8,762	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	19
Farmland of Statewide Importance	0
Unique Farmland	13
Farmland of Local Importance	157
IMPORTANT FARMLAND SUBTOTAL	189
Grazing Land	445
AGRICULTURAL LAND SUBTOTAL	634
Urban and Built-up Land	0
Other Land	81
Water Area	0
TOTAL ACREAGE REPORTED	715

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: 23	1	1	1,020	1,022	6	1,028	25	72	0	1,125
Farmland of Statewide Importance	to: 1	--	13	775	789	0	789	12	22	0	823
Unique Farmland	to: 1	1	--	720	722	71	793	50	224	0	1,067
Farmland of Local Importance	to: 95	64	31	--	190	4	194	50	23	0	267
IMPORTANT FARMLAND SUBTOTAL	97	66	45	2,515	2,723	81	2,804	137	341	0	3,282
Grazing Land	to: 23	19	466	57	565	--	565	17	342	0	924
AGRICULTURAL LAND SUBTOTAL	120	85	511	2,572	3,288	81	3,369	154	683	0	4,206
Urban and Built-up Land (3)	to: 4	2	6	0	12	0	12	--	66	0	78
Other Land	to: 15	4	63	3	85	0	85	12	--	0	97
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 139	91	580	2,575	3,385	81	3,466	166	749	0	4,381

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance primarily due to land left idle for three or more update cycles and the delineation of dryland grain areas.

(3) Conversion from Urban and Built-up Land due to overmapping parts of the Sonoma State Historic Park and residential extent in the Sea Ranch area.

TABLE A-38
STANISLAUS COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	260,372	256,525	5,117	1,270	6,387	-3,847
Farmland of Statewide Importance	30,073	29,788	493	208	701	-285
Unique Farmland	61,556	63,267	1,174	2,885	4,059	1,711
Farmland of Local Importance	29,537	26,453	3,212	128	3,340	-3,084
IMPORTANT FARMLAND SUBTOTAL	381,538	376,033	9,996	4,491	14,487	-5,505
Grazing Land	374,888	374,480	2,026	1,618	3,644	-408
AGRICULTURAL LAND SUBTOTAL	756,426	750,513	12,022	6,109	18,131	-5,913
Urban and Built-up Land	56,810	61,171	11	4,372	4,383	4,361
Other Land	50,506	52,058	1,358	2,910	4,268	1,552
Water Area	5,596	5,596	0	0	0	0
TOTAL AREA INVENTORIED	869,338	869,338	13,391	13,391	26,782	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	384
Farmland of Statewide Importance	41
Unique Farmland	312
Farmland of Local Importance	113
IMPORTANT FARMLAND SUBTOTAL	850
Grazing Land	205
AGRICULTURAL LAND SUBTOTAL	1,055
Urban and Built-up Land	0
Other Land	523
Water Area	0
TOTAL ACREAGE REPORTED	1,578

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (3)	to: --	2	109	0	111	337	448	3,096	1,573	0	5,117
Farmland of Statewide Importance	to: 2	--	3	0	5	116	121	42	330	0	493
Unique Farmland	to: 4	28	--	104	136	269	405	330	439	0	1,174
Farmland of Local Importance (4)	to: 16	45	1,564	--	1,625	889	2,514	272	426	0	3,212
IMPORTANT FARMLAND SUBTOTAL	22	75	1,676	104	1,877	1,611	3,488	3,740	2,768	0	9,996
Grazing Land (4)	to: 586	103	1,093	17	1,799	--	1,799	88	139	0	2,026
AGRICULTURAL LAND SUBTOTAL	608	178	2,769	121	3,676	1,611	5,287	3,828	2,907	0	12,022
Urban and Built-up Land	to: 8	0	0	0	8	0	8	--	3	0	11
Other Land	to: 654	30	116	7	807	7	814	544	--	0	1,358
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 1,270	208	2,885	128	4,491	1,618	6,109	4,372	2,910	0	13,391

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Unique Farmland due to the addition of potted plant nurseries on the Denair and Salida quads.

(3) Conversion to Other Land due to delineation of ranchettes, confined animal agriculture facilities, and land left idle for three update cycles throughout the county.

(4) Conversion to Unique Farmland due to newly irrigated farmland and irrigated pasture converted to irrigated crops, primarily orchards, alfalfa, corn and rice.

TABLE A-39
SUTTER COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	167,436	166,203	1,509	276	1,785	-1,233
Farmland of Statewide Importance	108,750	107,743	1,169	162	1,331	-1,007
Unique Farmland	19,482	19,480	267	265	532	-2
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	295,668	293,426	2,945	703	3,648	-2,242
Grazing Land	50,321	50,637	617	933	1,550	316
AGRICULTURAL LAND SUBTOTAL	345,989	344,063	3,562	1,636	5,198	-1,926
Urban and Built-up Land	11,847	12,581	9	743	752	734
Other Land	29,722	30,914	574	1,766	2,340	1,192
Water Area	1,883	1,883	0	0	0	0
TOTAL AREA INVENTORIED	389,441	389,441	4,145	4,145	8,290	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	9
Farmland of Statewide Importance	189
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	198
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	198
Urban and Built-up Land	0
Other Land	44
Water Area	0
TOTAL ACREAGE REPORTED	242

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	0	0	0	0	661	661	63	785	0	1,509
Farmland of Statewide Importance	to: 0	--	0	0	0	103	103	325	741	0	1,169
Unique Farmland	to: 1	0	--	0	1	167	167	0	99	0	267
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	1	0	0	0	1	931	931	388	1,625	0	2,945
Grazing Land	to: 78	129	257	0	464	--	464	18	135	0	617
AGRICULTURAL LAND SUBTOTAL	79	129	257	0	465	931	1,396	406	1,760	0	3,562
Urban and Built-up Land	to: 0	3	0	0	3	0	3	--	6	0	9
Other Land	to: 197	30	8	0	235	2	237	337	--	0	574
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 276	162	265	0	703	933	1,636	743	1,766	0	4,145

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

TABLE A-40
TEHAMA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES		
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	NET ACREAGE CHANGED
Prime Farmland	70,339	64,788	6,361	810	-5,551
Farmland of Statewide Importance	19,565	17,336	2,429	200	-2,229
Unique Farmland	20,244	18,773	2,318	847	-1,471
Farmland of Local Importance	127,341	131,843	2,509	7,011	4,502
IMPORTANT FARMLAND SUBTOTAL	237,489	232,740	13,617	8,868	-4,749
Grazing Land	1,549,716	1,549,707	1,712	1,703	-9
AGRICULTURAL LAND SUBTOTAL	1,787,205	1,782,447	15,329	10,571	-4,758
Urban and Built-up Land	11,556	12,940	461	1,845	1,384
Other Land	34,509	37,883	1,848	5,222	3,374
Water Area	6,224	6,224	0	0	0
TOTAL AREA INVENTORIED	1,839,494	1,839,494	17,638	17,638	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	132
Farmland of Statewide Importance	12
Unique Farmland	4
Farmland of Local Importance	904
IMPORTANT FARMLAND SUBTOTAL	1,052
Grazing Land	1,882
AGRICULTURAL LAND SUBTOTAL	2,934
Urban and Built-up Land	0
Other Land	585
Water Area	0
TOTAL ACREAGE REPORTED	3,519

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) (3)	to: --	10	19	4,396	4,425	27	4,452	243	1,666	0	6,361
Farmland of Statewide Importance (2)	to: 14	--	2	1,940	1,956	2	1,958	48	423	0	2,429
Unique Farmland (2) (3)	to: 43	5	--	99	147	1,134	1,281	13	1,024	0	2,318
Farmland of Local Importance (3)	to: 560	139	251	--	950	180	1,130	335	1,044	0	2,509
IMPORTANT FARMLAND SUBTOTAL	617	154	272	6,435	7,478	1,343	8,821	639	4,157	0	13,617
Grazing Land	to: 16	1	338	113	468	--	468	268	976	0	1,712
AGRICULTURAL LAND SUBTOTAL	633	155	610	6,548	7,946	1,343	9,289	907	5,133	0	15,329
Urban and Built-up Land (4)	to: 45	7	4	155	211	161	372	--	89	0	461
Other Land	to: 132	38	233	308	711	199	910	938	--	0	1,848
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 810	200	847	7,011	8,868	1,703	10,571	1,845	5,222	0	17,638

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report. Grazing Land increased relative to Farmland of Local Importance as a result of information on the extent of Grazing provided to FMMP by the Tehama County Cattlemen's Association, the US Forest Service, and the automated selection of qualifying soil units using SSURGO.

(2) Conversion to Farmland of Local Importance and Grazing due to land left idle for three update cycles.
(3) Conversion to Other Land primarily due to the use of improved digital imagery to distinguish low-density housing (ranchettes) widely dispersed throughout the county, as well as land left idle for three or more update cycles not qualifying for Local designation.

(4) Conversion from Urban and Built-up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

TABLE A-41
TULARE COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			NET ACREAGE CHANGED
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	
Prime Farmland	387,620	384,388	3,550	318	3,868	-3,232
Farmland of Statewide Importance	345,763	339,579	6,604	420	7,024	-6,184
Unique Farmland	12,746	12,525	280	59	339	-221
Farmland of Local Importance	126,815	137,436	993	11,614	12,607	10,621
IMPORTANT FARMLAND SUBTOTAL	872,944	873,928	11,427	12,411	23,838	984
Grazing Land	440,550	440,618	27	95	122	68
AGRICULTURAL LAND SUBTOTAL	1,313,494	1,314,546	11,454	12,506	23,960	1,052
Urban and Built-up Land	52,213	53,928	268	1,983	2,251	1,715
Other Land	215,506	212,739	5,427	2,660	8,087	-2,767
Water Area	4,656	4,656	0	0	0	0
TOTAL AREA INVENTORIED	1,585,869	1,585,869	17,149	17,149	34,298	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	594
Farmland of Statewide Importance	80
Unique Farmland	10
Farmland of Local Importance	276
IMPORTANT FARMLAND SUBTOTAL	960
Grazing Land	112
AGRICULTURAL LAND SUBTOTAL	1,072
Urban and Built-up Land	0
Other Land	111
Water Area	0
TOTAL ACREAGE REPORTED	1,183

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2) to:	--	2	32	1,623	1,657	1	1,658	1,331	561	0	3,550
Farmland of Statewide Importance (2)(3) to:	2	--	8	4,797	4,807	0	4,807	123	1,674	0	6,604
Unique Farmland to:	0	0	--	1	1	94	95	9	176	0	280
Farmland of Local Importance to:	179	301	0	--	480	0	480	295	218	0	993
IMPORTANT FARMLAND SUBTOTAL	181	303	40	6,421	6,945	95	7,040	1,758	2,629	0	11,427
Grazing Land to:	0	0	12	0	12	--	12	1	14	0	27
AGRICULTURAL LAND SUBTOTAL	181	303	52	6,421	6,957	95	7,052	1,759	2,643	0	11,454
Urban and Built-up Land (4) to:	77	6	3	165	251	0	251	--	17	0	268
Other Land (5) to:	60	111	4	5,028	5,203	0	5,203	224	--	0	5,427
Water Area to:	0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	318	420	59	11,614	12,411	95	12,506	1,983	2,660	0	17,149

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Farmland of Local Importance due to land left idle for three update cycles, and conversions to confined livestock facilities.

(3) Conversion to Other Land primarily due to the use of improved digital imagery to distinguish low-density housing (ranchettes) widely dispersed throughout the county, as well as land left idle for three or more update cycles not qualifying for Local designation.

(4) Conversion from Urban and Built-up Land is the result of the use of improved digital imagery to delineate more distinct urban boundaries and delineation of a dairy at the site of a former water control facility.

(5) Conversion to Farmland of Local Importance due to newly identified grazing uses on soil units qualifying for Prime Farmland and Farmland of Statewide Importance that are located within Pixley National Wildlife Refuge.

TULARE COUNTY

TABLE A-42
VENTURA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	47,877	47,192	843	158	1,001	-685
Farmland of Statewide Importance	35,204	34,979	299	74	373	-225
Unique Farmland	27,982	29,075	411	1,504	1,915	1,093
Farmland of Local Importance	18,042	16,815	1,295	68	1,363	-1,227
IMPORTANT FARMLAND SUBTOTAL	129,105	128,061	2,848	1,804	4,652	-1,044
Grazing Land	198,372	198,087	957	672	1,629	-285
AGRICULTURAL LAND SUBTOTAL	327,477	326,148	3,805	2,476	6,281	-1,329
Urban and Built-up Land	99,789	101,841	19	2,071	2,090	2,052
Other Land	124,746	124,023	1,497	774	2,271	-723
Water Area	3,939	3,939	0	0	0	0
TOTAL AREA INVENTORIED	555,951	555,951	5,321	5,321	10,642	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	365
Farmland of Statewide Importance	182
Unique Farmland	142
Farmland of Local Importance	1,014
IMPORTANT FARMLAND SUBTOTAL	1,703
Grazing Land	3,910
AGRICULTURAL LAND SUBTOTAL	5,613
Urban and Built-up Land	0
Other Land	1,301
Water Area	0
TOTAL ACREAGE REPORTED	6,914

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (1)	to: --	0	156	49	205	0	205	556	82	0	843
Farmland of Statewide Importance (2)	to: 1	--	29	7	37	0	37	184	78	0	299
Unique Farmland	to: 3	0	--	9	12	88	100	90	221	0	411
Farmland of Local Importance	to: 108	52	35	--	195	577	772	162	361	0	1,295
IMPORTANT FARMLAND SUBTOTAL	112	52	220	65	449	665	1,114	992	742	0	2,848
Grazing Land	to: 1	1	585	2	589	--	589	346	22	0	957
AGRICULTURAL LAND SUBTOTAL	113	53	805	67	1,038	665	1,703	1,338	764	0	3,805
Urban and Built-up Land	to: 0	0	9	0	9	0	9	--	10	0	19
Other Land	to: 45	21	690	1	757	7	764	733	--	0	1,497
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 158	74	1,504	68	1,804	672	2,476	2,071	774	0	5,321

(1) Conversion to Unique Farmland due to delineation of potted plant nurseries throughout the county.

TABLE A-43
YOLO COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	261,648	259,637	2,602	591	3,193	-2,011
Farmland of Statewide Importance	18,007	18,123	154	270	424	116
Unique Farmland	54,586	53,157	2,180	751	2,931	-1,429
Farmland of Local Importance	67,546	66,619	2,313	1,386	3,699	-927
IMPORTANT FARMLAND SUBTOTAL	401,787	397,536	7,249	2,998	10,247	-4,251
Grazing Land	143,263	145,227	343	2,307	2,650	1,964
AGRICULTURAL LAND SUBTOTAL	545,050	542,763	7,592	5,305	12,897	-2,287
Urban and Built-up Land	27,216	28,511	65	1,360	1,425	1,295
Other Land	73,365	74,357	874	1,866	2,740	992
Water Area	7,821	7,821	0	0	0	0
TOTAL AREA INVENTORIED	653,452	653,452	8,531	8,531	17,062	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	250
Farmland of Statewide Importance	0
Unique Farmland	21
Farmland of Local Importance	473
IMPORTANT FARMLAND SUBTOTAL	744
Grazing Land	122
AGRICULTURAL LAND SUBTOTAL	866
Urban and Built-up Land	0
Other Land	675
Water Area	0
TOTAL ACRES REPORTED	1,541

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	0	2	1,101	1,103	4	1,107	600	895	0	2,602
Farmland of Statewide Importance	to: 0	--	1	70	71	0	71	41	42	0	154
Unique Farmland (2)	to: 5	0	--	134	139	1,629	1,768	12	400	0	2,180
Farmland of Local Importance	to: 425	261	480	--	1,166	465	1,631	303	379	0	2,313
IMPORTANT FARMLAND SUBTOTAL	430	261	483	1,305	2,479	2,098	4,577	956	1,716	0	7,249
Grazing Land	to: 3	0	130	48	181	--	181	41	121	0	343
AGRICULTURAL LAND SUBTOTAL	433	261	613	1,353	2,660	2,098	4,758	997	1,837	0	7,592
Urban and Built-up Land	to: 21	1	5	9	36	0	36	--	29	0	65
Other Land	to: 137	8	133	24	302	209	511	363	--	0	874
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 591	270	751	1,386	2,998	2,307	5,305	1,360	1,866	0	8,531

(1) Due to the incorporation of an updated digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversions from Prime Farmland to Farmland of Local Importance and Unique Farmland to Grazing Land primarily due to land left idle for three or more update cycles. Approximately 1,200 acres of this land is now within the Yolo Bypass Wildlife Area and contains grazing leases.

TABLE A-44
YUBA COUNTY
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACRES INVENTORIED		2002-04 ACRES CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACRES CHANGED	NET ACRES CHANGED
Prime Farmland	43,618	42,678	1,202	262	1,464	-940
Farmland of Statewide Importance	11,293	11,094	207	8	215	-199
Unique Farmland	34,267	33,108	1,594	435	2,029	-1,159
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	89,178	86,880	3,003	705	3,708	-2,298
Grazing Land	144,502	143,533	2,824	1,855	4,679	-969
AGRICULTURAL LAND SUBTOTAL	233,680	230,413	5,827	2,560	8,387	-3,267
Urban and Built-up Land	11,837	12,081	116	360	476	244
Other Land	160,011	163,034	624	3,647	4,271	3,023
Water Area	6,289	6,289	0	0	0	0
TOTAL AREA INVENTORIED	411,817	411,817	6,567	6,567	13,134	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACRES 2004
Prime Farmland	0
Farmland of Statewide Importance	0
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACRES REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland	to: --	1	5	0	6	697	703	21	478	0	1,202
Farmland of Statewide Importance	to: 0	--	0	0	0	33	33	2	172	0	207
Unique Farmland	to: 1	0	--	0	1	875	876	45	673	0	1,594
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	1	1	5	0	7	1,605	1,612	68	1,323	0	3,003
Grazing Land (2)	to: 92	0	374	0	466	--	466	104	2,254	0	2,824
AGRICULTURAL LAND SUBTOTAL	93	1	379	0	473	1,605	2,078	172	3,577	0	5,827
Urban and Built-up Land (3)	to: 3	1	0	0	4	42	46	--	70	0	116
Other Land	to: 166	6	56	0	228	208	436	188	--	0	624
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACRES CONVERTED	to: 262	8	435	0	705	1,855	2,560	360	3,647	0	6,567

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acres for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Other Land primarily due to the use of improved digital imagery to distinguish low-density housing (ranchettes) in the forested areas of the county.

(3) Conversion from Urban and Built-Up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

TABLE A-45
BUTTE COUNTY - INTERIM FARMLAND AREA
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004 (1)	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Irrigated Farmland	247,007	245,475	3,017	1,485	4,502	-1,532
Nonirrigated Farmland	6,648	5,448	1,288	88	1,376	-1,200
INTERIM FARMLAND SUBTOTAL	253,655	250,923	4,305	1,573	5,878	-2,732
Grazing Land	263,653	261,946	3,431	1,724	5,155	-1,707
AGRICULTURAL LAND SUBTOTAL	517,308	512,869	7,736	3,297	11,033	-4,439
Urban and Built-up Land	42,340	43,819	0	1,479	1,479	1,479
Other Land	336,618	339,578	1,191	4,151	5,342	2,960
Water Area	21,643	21,643	0	0	0	0
TOTAL AREA INVENTORIED	917,909	917,909	8,927	8,927	17,854	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Irrigated Farmland	0
Nonirrigated Farmland	0
INTERIM FARMLAND SUBTOTAL	0
Grazing Land	0
AGRICULTURAL LAND SUBTOTAL	0
Urban and Built-up Land	0
Other Land	0
Water Area	0
TOTAL ACREAGE REPORTED	0

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Irrigated Farmland	Nonirrigated Farmland	Subtotal Interim Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Irrigated Farmland (2)	to: --	0	0	739	739	299	1,979	0	3,017
Nonirrigated Farmland	to: 276	--	276	815	1,091	0	197	0	1,288
INTERIM FARMLAND SUBTOTAL	276	0	276	1,554	1,830	299	2,176	0	4,305
Grazing Land	to: 689	88	777	--	777	679	1,975	0	3,431
AGRICULTURAL LAND SUBTOTAL	965	88	1,053	1,554	2,607	978	4,151	0	7,736
Urban and Built-up Land	to: 0	0	0	0	0	--	0	0	0
Other Land	to: 520	0	520	170	690	501	--	0	1,191
Water Area	to: 0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 1,485	88	1,573	1,724	3,297	1,479	4,151	0	8,927

(1) Due to the availability of digital soil survey data (SSURGO) during this update, draft 2004 acreages for important Farmland categories are also available. Please refer to the additional documentation provided.

(2) Conversion to Other Land is characterized by farmland fallowed for three or more update cycles, primarily due to additions made to the refuge systems in the western and southern portions of the county and the addition of ranchettes throughout the county.

BUTTE COUNTY - INTERIM FARMLAND AREA

TABLE A-46

KERN COUNTY - IMPORTANT FARMLAND AREA

2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002 (1)	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Prime Farmland	526,524	518,804	9,431	1,711	11,142	-7,720
Farmland of Statewide Importance	108,338	106,326	2,274	262	2,536	-2,012
Unique Farmland	54,753	51,095	4,023	365	4,388	-3,658
Farmland of Local Importance	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	689,615	676,225	15,728	2,338	18,066	-13,390
Grazing Land	904,760	911,708	2,061	9,009	11,070	6,948
AGRICULTURAL LAND SUBTOTAL	1,594,375	1,587,933	17,789	11,347	29,136	-6,442
Urban and Built-up Land	86,707	94,604	212	8,109	8,321	7,897
Other Land	867,934	866,479	4,925	3,470	8,395	-1,455
Water Area	976	976	0	0	0	0
TOTAL AREA INVENTORIED	2,549,992	2,549,992	22,926	22,926	45,852	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Prime Farmland	2,775
Farmland of Statewide Importance	55
Unique Farmland	0
Farmland of Local Importance	0
IMPORTANT FARMLAND SUBTOTAL	2,830
Grazing Land	225
AGRICULTURAL LAND SUBTOTAL	3,055
Urban and Built-up Land	0
Other Land	478
Water Area	0
TOTAL ACREAGE REPORTED	3,533

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Prime Farmland	Farmland of Statewide Importance	Unique Farmland	Farmland of Local Importance	Subtotal Important Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Prime Farmland (2)	to: --	0	2	0	2	4,632	4,634	3,757	1,040	0	9,431
Farmland of Statewide Importance	to: 1	--	0	0	1	962	963	626	685	0	2,274
Unique Farmland (2) (3)	to: 85	0	--	0	85	3,306	3,391	6	626	0	4,023
Farmland of Local Importance	to: 0	0	0	--	0	0	0	0	0	0	0
IMPORTANT FARMLAND SUBTOTAL	86	0	2	0	88	8,900	8,988	4,389	2,351	0	15,728
Grazing Land (4)	to: 356	44	174	0	574	--	574	459	1,028	0	2,061
AGRICULTURAL LAND SUBTOTAL	442	44	176	0	662	8,900	9,562	4,848	3,379	0	17,789
Urban and Built-up Land (5)	to: 80	0	5	0	85	36	121	--	91	0	212
Other Land (6)	to: 1,189	218	184	0	1,591	73	1,664	3,261	--	0	4,925
Water Area	to: 0	0	0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 1,711	262	365	0	2,338	9,009	11,347	8,109	3,470	0	22,926

(1) Due to the incorporation of digital soil survey data (SSURGO) during this update, acreages for farmland, grazing and other land use categories may differ from those published in the 2000-2002 California Farmland Conversion Report.

(2) Conversion to Grazing and Other Land is primarily due to land left idle for three or more update cycles and the addition of new dairies.

(3) Conversion to Prime Farmland is due to the delineation of irrigated agriculture that had previously been mapped as potted plant nurseries.

(4) Conversion to Other Land is primarily the result of the use of improved digital imagery to delineate low-density housing (ranchettes), mining areas, and oil field boundaries throughout the county.

(5) Conversion from Urban and Built-Up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.

(6) Conversion to Prime Farmland due to the addition of newly irrigated agriculture with notable additions on the Arvin, Little Buttes, and Rosamond quads.

KERN COUNTY - IMPORTANT FARMLAND AREA

TABLE A-47
KERN COUNTY - INTERIM FARMLAND AREA
2002-2004 Land Use Conversion

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

County Summary and Change by Land Use Category

LAND USE CATEGORY	TOTAL ACREAGE INVENTORIED		2002-04 ACREAGE CHANGES			
	2002	2004	ACRES LOST (-)	ACRES GAINED (+)	TOTAL ACREAGE CHANGED	NET ACREAGE CHANGED
Irrigated Farmland	295,415	291,327	6,103	2,015	8,118	-4,088
Nonirrigated Farmland	2,428	2,013	433	18	451	-415
INTERIM FARMLAND SUBTOTAL	297,843	293,340	6,536	2,033	8,569	-4,503
Grazing Land	873,661	877,346	1,308	4,993	6,301	3,685
AGRICULTURAL LAND SUBTOTAL	1,171,504	1,170,686	7,844	7,026	14,870	-818
Urban and Built-up Land	26,512	27,225	272	985	1,257	713
Other Land	1,464,509	1,464,614	2,160	2,265	4,425	105
Water Area	8,865	8,865	0	0	0	0
TOTAL AREA INVENTORIED	2,671,390	2,671,390	10,276	10,276	20,552	0

PART II

Land Committed to Nonagricultural Use

LAND USE CATEGORY	TOTAL ACREAGE 2004
Irrigated Farmland	7
Nonirrigated Farmland	0
INTERIM FARMLAND SUBTOTAL	7
Grazing Land	453
AGRICULTURAL LAND SUBTOTAL	460
Urban and Built-up Land	0
Other Land	39
Water Area	0
TOTAL ACREAGE REPORTED	499

PART III Land Use Conversion from 2002 to 2004

LAND USE CATEGORY	Irrigated Farmland	Nonirrigated Farmland	Subtotal Interim Farmland	Grazing Land	Total Agricultural Land	Urban and Built-up Land	Other Land	Water Area	Total Converted To Another Use
Irrigated Farmland (1)	to: 18	18	18	4,507	4,525	36	1,542	0	6,103
Nonirrigated Farmland	to: 62	--	62	371	433	0	0	0	433
INTERIM FARMLAND SUBTOTAL	62	18	80	4,878	4,958	36	1,542	0	6,536
Grazing Land	to: 626	0	626	--	626	144	538	0	1,308
AGRICULTURAL LAND SUBTOTAL	688	18	706	4,878	5,584	180	2,080	0	7,844
Urban and Built-up Land (2)	to: 65	0	65	22	87	--	185	0	272
Other Land (3)	to: 1,262	0	1,262	93	1,355	805	--	0	2,160
Water Area	to: 0	0	0	0	0	0	0	--	0
TOTAL ACREAGE CONVERTED	to: 2,015	18	2,033	4,993	7,026	985	2,265	0	10,276

- (1) Conversion to Grazing and Other Land is primarily due to land left idle for three or more update cycles and the addition of new dairies.
 (2) Conversion from Urban and Built-Up Land primarily the result of the use of improved digital imagery to delineate more distinct urban boundaries.
 (3) Conversion to Irrigated Farmland due to the addition of newly irrigated agriculture in the interim portion of the county.

KERN COUNTY - INTERIM FARMLAND AREA

Appendix B

2002 and 2004

County Acreage Tallies

TABLE B-1
IMPORTANT FARMLAND ACREAGE SUMMARY 2002

FARMLAND MAPPING AND MONITORING PROGRAM

COUNTY	IMPORTANT FARMLAND				IMPORTANT FARMLAND SUBTOTAL	GRAZING LAND	AGRICULTURAL LAND SUBTOTAL	URBAN & BUILT-UP LAND	OTHER LAND	WATER AREA	COUNTY AREA INVENTORIED	PERCENT MAPPED (1)	TOTAL COUNTY AREA	
	PRIME	STATEWIDE	UNIQUE	LOCAL									NOT INVENTORIED	(2)
Alameda	6,329	1,489	2,099	0	9,917	245,730	255,647	143,592	73,580	52,519	525,338	100%	0	525,338
Amador	3,964	1,973	3,491	1,575	11,003	191,110	202,113	7,370	85,570	5,323	300,376	77%	87,449	387,825
Colusa	201,346	1,826	126,916	234,186	564,274	9,408	573,682	4,431	160,439	1,838	740,390	100%	0	740,390
Contra Costa	33,731	9,733	4,450	53,136	101,050	171,924	272,974	142,454	45,351	53,240	514,019	100%	0	514,019
El Dorado	950	930	4,415	61,213	67,508	201,740	269,248	28,555	231,782	6,819	536,404	47%	608,519	1,144,923
Fresno	731,936	490,266	102,232	74,357	1,398,791	835,123	2,233,914	107,535	95,256	4,911	2,441,616	63%	1,408,896	3,850,512
Glenn	183,628	88,891	16,539	77,613	346,671	232,411	579,082	5,942	258,346	5,759	849,129	100%	0	849,129
Imperial	198,123	315,457	2,978	33,603	550,161	0	550,161	25,171	452,321	914	1,028,567	36%	1,839,859	2,868,426
Kern	526,524	108,338	54,753	0	689,615	904,760	1,594,375	86,707	867,934	976	2,549,992	49%	2,671,390	5,221,382
Kings	140,875	431,336	28,314	7,566	608,091	236,582	844,673	29,796	16,247	66	890,782	100%	0	890,782
Lake	15,547	1,432	12,082	19,418	48,479	239,981	288,460	14,433	501,295	46,793	850,981	100%	0	850,981
Los Angeles	32,187	939	1,155	8,171	42,452	233,399	275,851	160,678	637,509	3,468	1,077,506	43%	1,451,964	2,529,470
Madera	99,615	86,410	162,429	22,526	370,980	401,233	772,213	24,051	58,714	6,063	861,041	63%	516,494	1,377,535
Marin	7	433	255	66,472	67,167	90,242	157,409	41,480	135,054	44,715	378,658	100%	0	378,658
Mariposa	49	117	60	0	226	406,413	406,639	2,378	73,382	6,047	488,446	52%	447,151	935,597
Merced	283,158	159,022	103,008	42,818	588,006	578,026	1,166,032	33,091	45,321	16,970	1,261,414	100%	0	1,261,414
Modoc	79,157	54,940	11,397	112,234	257,728	572,281	830,009	3,235	18,092	56,331	907,667	34%	1,782,014	2,689,681
Monterey	169,338	44,998	26,476	0	240,812	1,057,448	1,298,260	54,060	762,559	6,246	2,121,125	100%	0	2,121,125
Napa	31,894	9,696	17,902	19,714	79,206	180,181	259,387	21,397	202,676	22,396	505,856	100%	0	505,856
Nevada	8,531	736	5,343	0	14,610	121,986	150,714	15,399	123,129	2,145	291,387	47%	332,449	623,836
Orange	9,538	5,493	22,105	87,832	124,968	50,478	175,446	46,853	178,928	972	509,459	100%	0	509,459
Placer	139,253	49,508	39,936	250,581	479,278	117,005	596,283	262,867	1,012,928	62,541	1,934,619	41%	2,738,476	4,673,095
Riverside	112,037	60,817	15,743	37,924	226,521	165,023	391,544	159,903	66,383	18,253	636,083	100%	0	636,083
Sacramento	32,509	9,040	2,581	32,922	77,052	598,926	675,978	7,416	204,857	1,140	889,391	100%	0	889,391
San Benito	21,648	9,706	3,412	3,314	38,080	919,331	957,411	249,952	241,636	543	1,449,542	11%	11,418,247	12,867,789
San Bernardino	9,401	13,450	57,522	133,543	213,916	111,442	325,358	332,715	1,495,576	13,043	2,166,692	80%	545,508	2,712,200
San Diego	416,307	92,559	61,030	56,506	626,402	148,712	775,114	80,360	45,480	11,648	912,602	100%	0	912,602
San Joaquin	41,294	19,357	38,613	179,797	279,061	749,786	1,028,847	41,361	221,353	10,607	1,302,168	61%	822,039	2,124,207
San Luis Obispo	2,624	205	2,656	3,518	9,003	45,888	54,891	71,160	161,664	65,734	353,449	100%	0	353,449
San Mateo	66,460	11,862	33,936	23,088	135,346	586,286	721,632	61,076	252,843	4,264	1,039,815	64%	593,775	1,633,590
Santa Barbara	26,577	5,932	2,325	7,339	42,173	388,696	430,869	185,131	210,774	8,452	835,226	100%	0	835,226
Santa Clara	15,540	3,367	5,557	811	25,275	16,727	42,002	31,092	212,260	357	285,711	100%	0	285,711
Santa Cruz	15,717	4,222	940	9,482	30,361	412,225	442,586	33,615	539,138	5,875	1,021,214	41%	1,443,959	2,465,173
Shasta	8,336	6,868	2,872	92,163	110,239	78,695	189,934	811	7,950	75	197,770	4%	5,111,596	5,309,366
Sierra Valley (3)	93,046	31,525	34,691	626,964	786,226	393,253	1,179,479	15,376	68,039	18,399	1,281,293	32%	2,780,932	4,062,225
Siskiyou	143,210	7,582	13,736	0	164,528	201,339	365,867	55,434	111,376	49,696	582,373	100%	0	582,373
Solano	34,789	19,356	33,787	74,076	162,008	421,166	583,174	72,847	352,685	17,354	1,026,060	100%	0	1,026,060
Sonoma	260,372	30,073	61,556	29,537	381,538	374,888	756,426	56,810	50,506	5,596	869,338	90%	100,831	970,169
Stanislaus	167,436	108,750	19,482	0	295,668	50,321	345,989	11,847	29,722	1,883	389,441	100%	0	389,441
Sutter	70,339	19,565	20,244	127,341	237,489	1,549,716	1,787,205	11,556	34,509	6,224	1,839,494	97%	53,406	1,892,900
Tehama	387,620	345,763	12,746	126,815	872,944	440,550	1,313,494	52,213	215,506	4,656	1,585,869	51%	1,513,407	3,099,276
Tulare	47,877	35,204	27,982	18,042	129,105	198,372	327,477	99,789	124,746	3,939	555,951	47%	618,022	1,173,973
Ventura	261,648	18,007	54,586	67,546	401,787	143,263	545,050	27,216	73,365	7,821	653,452	100%	0	653,452
Yolo	43,618	11,293	34,267	0	89,178	144,502	233,680	11,837	76,011	6,289	411,817	100%	0	411,817
TOTAL	5,154,782	2,731,723	1,289,076	2,848,040	12,023,621	15,253,528	27,277,149	3,208,981	11,100,994	673,927	42,261,051		39,434,945	81,695,996

COUNTY	INTERIM FARMLAND				INTERIM FARMLAND SUBTOTAL	GRAZING LAND	AGRICULTURAL LAND SUBTOTAL	URBAN & BUILT-UP LAND	OTHER LAND	WATER AREA	COUNTY AREA INVENTORIED	PERCENT MAPPED (1)	TOTAL COUNTY AREA	
	IRRIGATED	NONIRRIGATED											NOT INVENTORIED	(2)
Butte	247,007	6,648			253,655	263,653	517,308	42,340	336,618	21,643	917,909	86%	155,344	1,073,253
Kern	295,415	2,428			297,843	873,661	1,171,504	26,512	1,464,509	8,865	2,671,390	51%	2,549,992	5,221,382
TOTAL	542,422	9,076			551,498	1,137,314	1,688,812	68,852	1,801,127	30,508	3,589,299		2,705,336	6,294,635

(1) Counties that are not completely inventoried typically contain large public land holdings, such as National Forests, that are not covered by modern soil surveys.

(2) Total County Area figures are calculated from a statewide GIS county boundary file developed by the U.S. Bureau of Reclamation.

(3) Lassen, Plumas, and Sierra counties are included within the tri-county area referred to as "Sierra Valley" in the USDA-NRCS soil survey for that region.

TABLE B-2
IMPORTANT FARMLAND ACREAGE SUMMARY 2004

FARMLAND MAPPING AND MONITORING PROGRAM

COUNTY	IMPORTANT FARMLAND			IMPORTANT FARMLAND SUBTOTAL	GRAZING LAND	AGRICULTURAL LAND SUBTOTAL	URBAN & BUILT-UP LAND	OTHER LAND	WATER AREA	COUNTY AREA INVENTORIED	PERCENT MAPPED (1)	COUNTY AREA		TOTAL COUNTY AREA (2)
	PRIME	STATEWIDE	UNIQUE	LOCAL								NOT INVENTORIED	INVENTORIED	
Alameda	5,384	1,506	2,378	0	9,268	244,975	144,326	73,027	53,742	525,338	100%	0	0	525,338
Amador	3,832	1,850	3,755	1,256	10,693	188,219	7,926	88,215	5,323	300,376	77%	87,449	0	387,825
Colusa	201,642	2,152	124,796	232,758	561,348	9,151	4,624	163,429	1,838	740,390	100%	0	0	740,390
Contra Costa	32,025	8,547	3,929	52,256	96,757	168,781	147,441	47,800	53,240	514,019	100%	0	0	514,019
El Dorado	886	926	4,338	60,530	66,680	196,901	263,581	235,334	6,819	536,404	47%	608,519	0	1,144,923
Fresno	722,584	483,786	100,316	84,858	1,391,544	834,253	110,897	100,011	4,911	2,441,616	63%	1,408,896	0	3,850,512
Glenn	162,670	88,374	16,589	78,721	346,354	231,716	6,080	259,220	5,759	849,129	100%	0	0	849,129
Imperial	196,927	313,218	2,132	33,333	545,610	0	26,357	455,697	903	1,028,567	36%	1,839,859	0	2,868,426
Kern	518,804	106,326	51,095	0	676,225	911,708	94,604	866,479	976	2,549,992	49%	2,671,390	0	5,221,382
Kings	140,582	429,768	28,524	8,263	607,157	233,493	30,768	19,298	66	890,782	100%	0	0	890,782
Lake	15,464	1,432	11,997	19,469	48,362	240,000	14,442	501,384	46,793	850,981	100%	0	0	850,981
Los Angeles	33,218	1,029	1,119	8,685	44,051	228,826	272,877	637,726	3,468	1,077,506	43%	1,451,964	0	2,529,470
Madera	99,561	86,040	163,888	18,799	368,288	399,290	24,975	62,425	6,063	861,041	63%	516,494	0	1,377,535
Marin	7	445	256	65,750	66,458	89,938	41,903	135,644	44,715	378,658	100%	0	0	378,658
Mariposa	23	97	57	0	177	404,018	2,407	75,797	6,047	488,446	52%	447,151	0	935,597
Merced	276,574	155,854	103,134	53,762	569,324	573,630	34,943	46,547	16,970	1,261,414	100%	0	0	1,261,414
Modoc	77,825	54,185	113,975	0	257,681	572,021	829,702	18,399	56,331	907,667	34%	1,782,014	0	2,689,681
Monterey	169,368	44,544	26,478	0	240,390	1,066,539	54,293	753,657	6,246	2,121,125	100%	0	0	2,121,125
Napa	32,446	9,792	17,811	19,279	79,328	179,905	22,245	201,982	22,396	505,856	100%	0	0	505,856
Nevada	658	3,076	457	22,850	27,041	121,984	17,168	123,049	2,145	291,387	47%	332,449	0	623,836
Orange	7,260	621	5,601	0	13,482	35,872	282,180	176,953	972	509,459	100%	0	0	509,459
Placer	9,236	5,509	23,283	86,234	124,262	46,000	52,181	184,058	5,027	411,528	43%	548,562	0	960,090
Riverside	134,429	48,499	38,691	244,849	466,468	116,029	277,273	1,012,308	62,541	1,934,619	41%	2,738,476	0	4,673,095
Sacramento	110,278	56,141	15,188	39,873	221,480	163,173	165,629	67,548	18,253	636,083	100%	0	0	636,083
San Benito	32,085	9,465	2,625	27,388	71,563	603,617	7,644	205,427	1,140	889,391	100%	0	0	889,391
San Bernardino	20,315	8,777	2,654	2,928	34,674	915,548	259,266	239,511	543	1,449,542	11%	11,418,247	0	12,867,789
San Diego	8,525	12,181	55,566	134,491	210,763	107,327	338,845	1,496,460	13,297	2,166,692	80%	545,508	0	2,712,200
San Joaquin	412,550	91,222	62,535	57,808	624,115	147,653	83,409	45,777	11,648	912,602	100%	0	0	912,602
San Luis Obispo	40,508	19,750	35,697	180,411	276,366	750,810	42,124	222,266	10,602	1,302,168	100%	822,039	0	2,124,207
San Mateo	2,587	188	2,658	3,504	8,937	45,948	71,282	161,548	65,734	353,449	100%	0	0	353,449
Santa Barbara	67,774	12,380	35,136	20,836	136,126	583,310	62,028	254,087	4,264	1,039,815	64%	593,775	0	1,633,590
Santa Clara	24,717	5,630	2,396	6,003	38,746	388,646	187,176	212,206	8,452	835,226	100%	0	0	835,226
Santa Cruz	15,214	3,268	5,367	757	24,606	16,868	41,474	212,459	357	285,711	100%	0	0	285,711
Shasta	14,848	4,058	761	9,171	28,838	408,927	35,524	542,050	5,875	1,021,214	41%	1,443,959	0	2,465,173
Sierra Valley (3)	8,791	7,322	3,778	90,196	110,087	78,834	811	7,963	75	197,770	4%	5,111,596	0	5,309,366
Siskiyou	79,822	28,747	33,714	620,164	762,447	386,315	15,377	98,755	18,399	1,281,293	32%	2,780,932	0	4,062,225
Solano	141,574	7,287	12,012	0	160,873	201,303	362,176	112,731	49,749	582,373	100%	0	0	582,373
Sonoma	33,803	18,624	33,300	76,384	162,111	420,323	72,935	353,337	17,354	1,026,060	100%	0	0	1,026,060
Stanislaus	256,525	29,788	63,267	26,453	376,033	374,480	61,171	52,058	5,596	869,338	90%	100,831	0	970,169
Sutter	166,203	107,743	19,480	0	293,426	344,063	12,581	30,914	1,883	389,441	100%	0	0	389,441
Tehama	64,788	17,336	18,773	131,843	232,740	1,549,707	12,940	37,883	6,224	1,839,494	97%	53,406	0	1,892,900
Tulare	384,388	339,579	12,525	137,436	873,928	440,618	53,928	212,739	4,656	1,585,869	51%	1,513,407	0	3,099,276
Ventura	47,192	34,979	29,075	16,815	128,061	198,087	101,841	124,023	3,939	555,951	47%	618,022	0	1,173,973
Yolo	259,637	18,123	53,157	66,619	397,536	145,227	28,511	74,357	7,821	653,452	100%	0	0	653,452
Yuba	42,678	11,094	33,108	0	86,880	143,533	12,081	163,034	6,289	411,817	100%	0	0	411,817
TOTAL	5,076,207	2,691,258	1,275,092	2,854,727	11,997,284	15,214,140	3,308,614	11,185,572	675,441	42,261,051		39,434,945		81,695,996

COUNTY	INTERIM FARMLAND		INTERIM FARMLAND SUBTOTAL	GRAZING LAND	AGRICULTURAL LAND SUBTOTAL	URBAN & BUILT-UP LAND	OTHER LAND	WATER AREA	COUNTY AREA INVENTORIED	PERCENT MAPPED (1)	COUNTY AREA		TOTAL COUNTY AREA (2)
	IRRIGATED	NONIRRIGATED									NOT INVENTORIED	INVENTORIED	
Butte	245,475	5,448	250,923	261,946	512,869	43,819	339,578	21,643	917,909	86%	155,344	0	1,073,253
Kern	291,327	2,013	293,340	877,346	1,170,686	27,225	1,464,614	8,865	2,671,390	51%	2,549,992	0	5,221,382
TOTAL	536,802	7,461	544,263	1,139,292	1,683,555	71,044	1,804,192	30,508	3,589,299		2,705,336		6,294,635

(1) Counties that are not completely inventoried typically contain large public land holdings, such as National Forests, that are not covered by modern soil surveys.

(2) Total County Area figures are calculated from a statewide GIS county boundary file developed by the U.S. Bureau of Reclamation.

(3) Lassen, Plumas, and Sierra counties are included within the tri-county area referred to as "Sierra Valley" in the USDA-NRCS soil survey for that region.

TABLE B-3
IMPORTANT FARMLAND ACREAGE SUMMARY, BY REGION, 2004

COUNTY	IRRIGATED FARMLAND			NONIRRIGATED		FARMLAND SUBTOTAL	URBAN & BUILT-UP LAND	OTHER LAND	WATER	COUNTY AREA MAPPED	TOTAL COUNTY AREA
	PRIME	STATEWIDE	UNIQUE	LOCAL	GRAZING LAND						
SOUTHERN CALIFORNIA											
Imperial	196,927	313,218	2,132	33,333	0	545,610	26,357	455,697	903	1,028,567	2,868,426
Los Angeles	33,218	1,029	1,119	8,685	228,826	272,877	163,435	637,726	3,468	1,077,506	2,529,470
Orange	7,260	621	5,601	0	35,872	49,354	282,180	176,953	972	509,459	509,460
Riverside	134,429	48,499	38,691	244,849	116,029	582,497	277,273	1,012,308	62,541	1,934,619	4,673,095
San Bernardino	20,315	8,777	2,654	2,928	915,548	950,222	259,266	239,511	543	1,449,542	12,867,789
San Diego	8,525	12,181	55,566	134,491	107,327	318,090	338,845	1,496,460	13,297	2,166,692	2,712,200
Ventura	47,192	34,979	29,075	16,815	198,087	326,148	101,841	124,023	3,939	555,951	1,173,973
Subtotals	447,866	419,304	134,838	441,101	1,601,689	3,044,798	1,449,197	4,142,678	85,663	8,722,336	27,334,413
SAN JOAQUIN VALLEY (1)											
Fresno	722,584	483,786	100,316	84,858	834,253	2,225,797	110,897	100,011	4,911	2,441,616	3,850,512
Kern (NW,SE)	518,804	106,326	51,095	0	911,708	1,587,933	94,604	866,479	976	2,549,992	5,221,382
Kings	140,582	429,768	28,524	8,283	233,493	840,650	30,768	19,298	66	890,782	890,782
Madera	99,561	86,040	163,888	18,799	399,290	767,578	24,975	62,425	6,063	861,041	1,377,535
Merced	276,574	155,854	103,134	53,762	573,630	1,162,954	34,943	46,547	16,970	1,261,414	1,261,414
San Joaquin	412,550	91,222	62,535	57,808	147,653	771,768	83,409	45,777	11,648	912,602	912,602
Stanislaus	256,525	29,788	63,267	26,453	374,480	750,513	61,171	52,058	5,596	869,338	970,169
Tulare	384,388	339,579	12,525	137,436	440,618	1,314,546	53,928	212,739	4,656	1,585,869	3,099,276
Subtotals	2,811,568	1,722,363	585,284	387,399	3,915,125	9,421,739	494,695	1,405,334	50,886	11,372,654	17,583,672
CENTRAL COAST											
Monterey	169,368	44,544	26,478	0	1,066,539	1,306,929	54,293	753,657	6,246	2,121,125	2,121,125
San Benito	32,085	9,465	2,625	27,388	603,617	675,180	7,644	205,427	1,140	889,391	889,391
San Luis Obispo	40,508	19,750	35,697	180,411	750,810	1,027,176	42,124	222,266	10,602	1,302,168	2,124,207
Santa Barbara	67,774	12,380	35,136	20,836	583,310	719,436	62,028	254,087	4,264	1,039,815	1,633,590
Subtotals	309,735	86,139	99,936	228,635	3,004,276	3,728,721	166,089	1,435,437	22,252	5,352,499	6,768,313
SAN FRANCISCO BAY											
Alameda	5,384	1,506	2,378	0	244,975	254,243	144,326	73,027	53,742	525,338	525,338
Contra Costa	32,025	8,547	3,929	52,256	168,781	265,538	147,441	47,800	53,240	514,019	514,019
Marin	7	445	256	65,750	89,938	156,396	41,903	135,644	44,715	378,658	378,658
Napa	32,446	9,792	17,811	19,279	179,905	259,233	22,245	201,982	22,396	505,856	505,856
San Mateo	2,587	188	2,658	3,504	45,948	54,885	71,282	161,548	65,734	353,449	353,449
Santa Clara	24,717	5,630	2,396	6,003	388,646	427,392	187,176	212,206	8,452	835,226	835,226
Santa Cruz	15,214	3,268	5,367	757	16,868	41,474	31,421	212,459	357	285,711	285,711
Solano	141,574	7,287	12,012	0	201,303	362,176	57,717	112,731	49,749	582,373	582,373
Sonoma	33,803	18,624	33,300	76,384	420,323	582,434	72,935	353,337	17,354	1,026,060	1,026,060
Subtotals	287,757	55,287	80,107	223,933	1,756,687	2,403,771	776,446	1,510,734	315,739	5,006,690	5,006,690
SIERRA FOOTHILL											
Amador	3,832	1,850	3,755	1,256	188,219	198,912	7,926	88,215	5,323	300,376	387,825
El Dorado	886	926	4,338	60,530	196,901	263,581	30,670	235,334	6,819	536,404	1,144,923
Mariposa	23	97	57	0	404,018	404,195	2,407	75,797	6,047	488,446	935,597
Nevada	658	3,076	457	22,850	121,984	149,025	17,168	123,049	2,145	291,387	623,836
Placer	9,236	5,509	23,283	86,234	46,000	170,262	52,181	184,058	5,027	411,528	960,090
Subtotals	14,635	11,458	31,890	170,870	957,122	1,185,975	110,352	706,453	25,361	2,028,141	4,052,271
SACRAMENTO VALLEY (1)											
Colusa	201,642	2,152	124,796	232,758	9,151	570,499	4,624	163,429	1,838	740,390	740,391
Glenn	162,670	88,374	16,589	78,721	231,716	578,070	6,080	259,220	5,759	849,129	849,129
Sacramento	110,278	56,141	15,188	39,873	163,173	384,653	165,629	67,548	18,253	636,083	636,083
Shasta	14,848	4,058	761	9,171	408,927	437,765	35,524	542,050	5,875	1,021,214	2,465,173
Sutter	166,203	107,743	19,480	0	50,637	344,063	12,581	30,914	1,883	389,441	389,441
Tehama	64,788	17,336	18,773	131,843	1,549,707	1,782,447	12,940	37,883	6,224	1,839,494	1,892,900
Yolo	259,637	18,123	53,157	66,619	145,227	542,763	28,511	74,357	7,821	653,452	653,452
Yuba	42,678	11,094	33,108	0	143,533	230,413	12,081	163,034	6,289	411,817	411,817
Subtotals	1,022,744	305,021	281,852	558,985	2,702,071	4,870,673	277,970	1,338,435	53,942	6,541,020	8,038,386
NORTH STATE (northwest & northeast)											
Lake	15,464	1,432	11,997	19,469	240,000	288,362	14,442	501,384	46,793	850,981	850,981
Modoc	77,825	54,185	11,696	113,975	572,021	829,702	3,235	18,399	56,331	907,667	2,689,681
Sierra Valley	8,791	7,322	3,778	90,196	78,834	188,921	811	7,963	75	197,770	5,309,366
Siskiyou	79,822	28,747	33,714	620,164	386,315	1,148,762	15,377	98,755	18,399	1,281,293	4,062,225
Subtotals	181,902	91,686	61,185	843,804	1,277,170	2,455,747	33,865	626,501	121,598	3,237,711	12,912,253
GRAND TOTALS	5,076,207	2,691,258	1,275,092	2,854,727	15,214,140	27,111,424	3,308,614	11,165,572	675,441	42,261,051	81,695,998
INTERIM MAPPING AREAS (1)											
IRRIGATED						NONIRRIGATED					
Butte			245,475	5,448	261,946	512,869	43,819	339,578	21,643	917,909	1,073,253
Kern (NE,SW)			291,327	2,013	877,346	1,170,686	27,225	1,464,614	8,865	2,671,390	5,221,382
INTERIM TOTALS	0	0	536,802	7,461	1,139,292	1,683,555	71,044	1,804,192	30,508	3,589,299	6,294,635

(1) Butte County is within the Sacramento Valley and the Interim portions of Kern County are in the San Joaquin Valley. To obtain total study area figures, add the Interim area figures to their regional subtotals.

Appendix C

County and Regional Conversion

Summaries

Table C-1
SOURCES OF URBAN LAND 2002-2004
and
LAND COMMITTED TO NONAGRICULTURAL USE

COUNTY	Shifts to Urban and Built-Up Land from (1):					Land Committed to Nonagricultural Use (2)	
	Prime	Statewide & Unique	Other Land & Water	Grazing & Local	Total	Prime	Total
SOUTHERN CALIFORNIA							
Imperial	218	829	-138	277	1,186	0	0
Los Angeles	-31	25	1,529	1,234	2,757	46	10,350
Orange	448	536	2,088	1,119	4,191	3,501	8,873
Riverside	1,925	560	4,816	7,105	14,406	1,471	40,709
San Bernardino	652	591	4,649	3,422	9,314	117	14,229
San Diego	13	116	3,426	2,575	6,130	330	9,465
Ventura	556	265	723	508	2,052	365	6,914
Subtotals	3,781	2,922	17,093	16,240	40,036	5,830	90,540
SAN JOAQUIN VALLEY							
Fresno	1,377	704	399	882	3,362	1,656	5,950
Kern (NW,SE)	3,677	627	3,170	423	7,897	2,775	3,533
Kings	279	361	268	64	972	91	125
Madera	46	96	565	217	924	257	4,071
Merced	703	355	81	713	1,852	136	866
San Joaquin	1,445	794	241	569	3,049	3,614	5,703
Stanislaus	3,088	372	541	360	4,361	384	1,578
Tulare	1,254	123	207	131	1,715	594	1,183
Subtotals	11,869	3,432	5,472	3,359	24,132	9,507	23,009
CENTRAL COAST							
Monterey	123	31	81	-2	233	512	940
San Benito	94	-6	17	123	228	0	0
San Luis Obispo	30	65	212	456	763	0	444
Santa Barbara	153	239	515	45	952	438	956
Subtotals	400	329	825	622	2,176	950	2,340
SAN FRANCISCO BAY							
Alameda	249	-20	171	334	734	161	5,227
Contra Costa	704	306	923	3,054	4,987	419	2,635
Marin	0	3	272	148	423	0	17
Napa	25	34	577	212	848	46	1,925
San Mateo	3	-19	138	0	122	0	595
Santa Clara	566	166	416	897	2,045	1,103	3,027
Santa Cruz	93	68	150	18	329	1	27
Solano	530	51	552	1,150	2,283	46	4,740
Sonoma	21	54	-54	67	88	19	715
Subtotals	2,191	643	3,145	5,880	11,859	1,795	18,908
SIERRA FOOTHILL							
Amador	24	14	368	150	556	1	33
El Dorado	15	3	807	1,290	2,115	0	0
Mariposa	0	0	23	6	29	0	1,494
Nevada	-1	68	1,401	301	1,769	0	704
Placer	182	174	811	4,161	5,328	0	2,301
Subtotals	220	259	3,410	5,908	9,797	1	4,532
SACRAMENTO VALLEY							
Colusa	97	6	33	57	193	0	0
Glenn	24	21	52	41	138	820	2,756
Sacramento	288	1,143	878	3,417	5,726	0	1,739
Shasta	57	4	1,634	214	1,909	0	2,576
Sutter	63	322	331	18	734	9	242
Tehama	198	50	849	287	1,384	132	3,519
Yolo	579	47	334	335	1,295	250	1,541
Yuba	18	46	118	62	244	0	0
Subtotals	1,324	1,639	4,229	4,431	11,623	1,211	12,373
NORTH STATE (northwest & northeast)							
Lake	0	0	9	0	9	0	0
Modoc	0	0	0	0	0	16	4,869
Sierra Valley	0	0	0	0	0	9	3,029
Siskiyou	-4	-5	2	8	1	0	64
Subtotals	-4	-5	11	8	10	25	7,962
INTERIM MAPPING AREAS							
Butte	NA	299	501	679	1,479	NA	0
Kern (NE,SW)	NA	-29	620	122	713	NA	499
Subtotals		270	1,121	801	2,192		499
GRAND TOTALS	19,781	9,489	35,306	37,249	101,825	19,319	160,163

(1) New Urban Land acreages are net figures.

(2) Land Committed to Nonagricultural Use information is voluntarily submitted by city and county planning departments.

Table C-2
IRRIGATED FARMLAND CHANGES 2002-2004 (1)
 ASIDE FROM URBANIZATION

COUNTY	<i>Land converted to Irrigated Agriculture:</i>			<i>Land removed from Irrigated Agriculture:</i>		
	Grazing, Local, Other Land & Urban to Prime	Grazing, Local, Other Land & Urban to Statewide & Unique	Total	Prime, Statewide & Unique to Other Land	Prime, Statewide & Unique to Local & Grazing	Total
SOUTHERN CALIFORNIA						
Imperial	2,765	2,910	5,675	6,041	2,394	8,435
Los Angeles	2,398	185	2,583	956	477	1,433
Orange	50	71	121	185	70	255
Riverside	2,821	2,288	5,109	1,592	7,800	9,392
San Bernardino	238	235	473	702	1,540	2,242
San Diego	472	1,883	2,355	681	5,570	6,251
Ventura	154	1,393	1,547	381	153	534
Subtotals	8,898	8,965	17,863	10,538	18,004	28,542
SAN JOAQUIN VALLEY						
Fresno	1,672	1,430	3,102	4,065	14,640	18,705
Kern (NW,SE)	1,625	625	2,250	2,351	8,900	11,251
Kings	1,080	2,588	3,668	2,269	2,369	4,638
Madera	687	3,496	4,183	1,909	990	2,899
Merced	706	4,769	5,475	2,093	11,923	14,016
San Joaquin	446	2,834	3,280	521	4,094	4,615
Stanislaus	1,264	2,951	4,215	2,342	826	3,168
Tulare	316	437	753	2,411	6,516	8,927
Subtotals	7,796	19,130	26,926	17,961	50,258	68,219
CENTRAL COAST						
Monterey	812	613	1,425	497	1,195	1,692
San Benito	496	751	1,247	452	627	1,079
San Luis Obispo	1,180	3,915	5,095	363	7,944	8,307
Santa Barbara	2,668	2,334	5,002	654	893	1,547
Subtotals	5,156	7,613	12,769	1,966	10,659	12,625
SAN FRANCISCO BAY						
Alameda	69	464	533	272	626	898
Contra Costa	84	269	353	517	2,214	2,731
Marin	0	16	16	0	0	0
Napa	392	1,026	1,418	399	389	788
San Mateo	17	60	77	22	104	126
Santa Clara	97	62	159	956	542	1,498
Santa Cruz	67	156	223	415	261	676
Solano	178	95	273	784	2,554	3,338
Sonoma	137	655	792	318	2,592	2,910
Subtotals	1,041	2,803	3,844	3,683	9,282	12,965
SIERRA FOOTHILL						
Amador	112	679	791	44	697	741
El Dorado	1	281	282	146	263	409
Mariposa	0	8	8	0	57	57
Nevada	1	30	31	185	13	198
Placer	129	2,086	2,215	328	636	964
Subtotals	243	3,084	3,327	703	1,666	2,369
SACRAMENTO VALLEY						
Colusa	1,473	899	2,372	2,857	910	3,767
Glenn	769	784	1,553	706	2,192	2,898
Sacramento	57	188	245	787	5,009	5,796
Shasta	85	36	121	313	941	1,254
Sutter	275	427	702	1,625	931	2,556
Tehama	753	1,011	1,764	3,113	7,598	10,711
Yolo	586	1,018	1,604	1,337	2,938	4,275
Yuba	261	437	698	1,323	1,605	2,928
Subtotals	4,259	4,800	9,059	12,061	22,124	34,185
NORTH STATE (northwest & northeast)						
Lake	47	18	65	84	149	233
Modoc	263	491	754	161	2,381	2,542
Sierra Valley	492	1,702	2,194	0	379	379
Siskiyou	124	173	297	10,568	6,697	17,265
Subtotals	926	2,384	3,310	10,813	9,606	20,419
INTERIM MAPPING AREAS						
Butte	NA	1,485	1,485	1,979	739	2,718
Kern (NE,SW)	NA	2,015	2,015	1,542	4,525	6,067
Subtotals		3,500	3,500	3,521	5,264	8,785
GRAND TOTALS	28,319	52,279	80,598	61,246	126,863	188,109

(1) Agricultural change data compiled from Part III of individual county tables. Figures do not include shifts among irrigated categories (soil unit revisions).

Table C-3
NET CHANGE IN IRRIGATED LAND
2002-2004

From all Factors (1)

Grouped by Region		Rank by County (2) 2002-2004	
SOUTHERN CALIFORNIA		Santa Barbara	3,032
Imperial	-4,281	Sierra Valley	1,815
Los Angeles	1,085	Los Angeles	1,085
Orange	-1,128	Madera	1,035
Riverside	-7,078	Placer	892
San Bernardino	-3,020	Napa	557
San Diego	-4,101	Ventura	183
Ventura	183	San Benito	45
Subtotals	-18,340	Marin	13
SAN JOAQUIN VALLEY		Amador	9
Fresno	-17,748	Mariposa	-49
Kern (NW,SE)	-13,390	San Mateo	-52
Kings	-1,651	El Dorado	-145
Madera	1,035	Lake	-168
Merced	-9,626	Nevada	-240
San Joaquin	-3,589	Monterey	-422
Stanislaus	-2,421	Santa Cruz	-615
Tulare	-9,637	Alameda	-649
Subtotals	-57,027	Orange	-1,128
CENTRAL COAST		Shasta	-1,212
Monterey	-422	Glenn	-1,425
San Benito	45	Colusa	-1,498
San Luis Obispo	-3,309	Butte	-1,532
Santa Barbara	3,032	Kings	-1,651
Subtotals	-654	Modoc	-1,788
SAN FRANCISCO BAY		Santa Clara	-2,091
Alameda	-649	Sonoma	-2,205
Contra Costa	-3,413	Sutter	-2,242
Marin	13	Yuba	-2,298
Napa	557	Stanislaus	-2,421
San Mateo	-52	San Bernardino	-3,020
Santa Clara	-2,091	San Luis Obispo	-3,309
Santa Cruz	-615	Yolo	-3,324
Solano	-3,655	Contra Costa	-3,413
Sonoma	-2,205	San Joaquin	-3,589
Subtotals	-12,110	Solano	-3,655
SIERRA FOOTHILL		San Diego	-4,101
Amador	9	Imperial	-4,281
El Dorado	-145	Sacramento	-6,990
Mariposa	-49	Riverside	-7,078
Nevada	-240	Tehama	-9,251
Placer	892	Merced	-9,626
Subtotals	467	Tulare	-9,637
SACRAMENTO VALLEY		Siskiyou	-16,979
Colusa	-1,498	Kern	-17,478
Glenn	-1,425	Fresno	-17,748
Sacramento	-6,990		
Shasta	-1,212		
Sutter	-2,242		
Tehama	-9,251		
Yolo	-3,324		
Yuba	-2,298		
Subtotals	-28,240		
NORTH STATE (northwest & northeast)			
Lake	-168		
Modoc	-1,788		
Sierra Valley	1,815		
Siskiyou	-16,979		
Subtotals	-17,120		
INTERIM MAPPING AREAS			
Butte	-1,532		
Kern (NE,SW)	-4,088		
Subtotals	-5,620		
GRAND TOTALS	-138,644		

(1) Data compiled from Part I of individual county tables. Net change includes the impact of urbanization, conversion to Other Land, removal from irrigated use due to idling, as well as conversions into irrigated use. The net figure also includes any soil unit reclassifications or other revisions within irrigated categories.

(2) Figures for Important and Interim sections of Kern County have been grouped for county ranking.

Appendix D

Rural Land Mapping County Tables

TABLE D-1
Fresno County
2002-2004 Rural Land Use Data

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

Rural Land Use Summary

LAND USE CATEGORY	ACREAGE INVENTORIED		ACREAGE CHANGED	PERCENT CHANGE
	2002	2004		
Rural Residential and Commercial	35,965	38,690	2,725	7.6%
Confined Animal Agriculture	9,772	11,182	1,410	14.4%
Vacant or Disturbed Land	28,572	28,779	207	0.7%
Nonagricultural and Natural Vegetation	30,718	32,541	1,823	5.9%
TOTAL AREA INVENTORIED (1)	105,027	111,192	6,165	5.9%

PART II

Conversions to Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Rural Residential and Commercial	Confined Animal Agriculture	Vacant or Disturbed Land	Nonagricultural and Natural Vegetation
Prime Farmland (2)	to:	1,053	371	223	36
Farmland of Statewide Importance (3)	to:	582	875	117	1,456
Unique Farmland	to:	202	146	20	376
IRRIGATED FARMLAND SUBTOTAL	to:	1,837	1,392	360	1,868
Farmland of Local Importance	to:	812	105	86	43
Grazing Land	to:	791	0	28	4
AGRICULTURAL LAND TOTAL	to:	3,440	1,497	474	1,915
Urban and Built-up Land	to:	16	26	13	28
Other Rural Land Uses (4)	to:	240	76	106	117
TOTAL LAND CONVERTED TO RURAL USES		3,696	1,599	593	2,060

PART III

Conversions From Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Urban and Built-up Land	Irrigated Farmland	Farmland of Local Importance and Grazing	Other Rural Land Uses (4)
Rural Residential and Commercial	to:	291	301	131	248
Confined Animal Agriculture	to:	21	112	5	51
Vacant or Disturbed Land	to:	164	137	21	64
Nonagricultural and Natural Vegetation	to:	1	52	8	176
TOTAL LAND CONVERTED FROM RURAL USES		477	602	165	539

(1) Total Area Inventoried for Rural Land categories in Fresno County is equal to that of Other Land plus the acreage of Confined Animal Agriculture. Confined animal agriculture facilities are a component of the county's Farmland of Local Importance definition.

(2) Conversion to Rural Residential Land partially due to refinements of map categories and the use of more detailed digital imagery.

(3) Conversion to Nonagricultural Vegetation primarily due to fallowing of land under the NRCS Wetland Reserve Program.

(4) These statistics represent shifts from one Rural Land Use category to another.

Fresno County

TABLE D-2
Madera County
2002-2004 Rural Land Use Data

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

Rural Land Use Summary

LAND USE CATEGORY	ACREAGE INVENTORIED		ACREAGE CHANGED	PERCENT CHANGE
	2002	2004		
Rural Residential and Commercial	24,250	27,108	2,858	11.8%
Confined Animal Agriculture	3,321	3,707	386	11.6%
Vacant or Disturbed Land	10,202	10,598	396	3.9%
Nonagricultural and Natural Vegetation	20,941	21,011	70	0.3%
TOTAL AREA INVENTORIED (1)	58,714	62,424	3,710	6.3%

PART II

Conversions to Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Rural Residential and Commercial	Confined Animal Agriculture	Vacant or Disturbed Land	Nonagricultural and Natural Vegetation
Prime Farmland	to:	132	78	176	91
Farmland of Statewide Importance	to:	148	27	178	27
Unique Farmland	to:	408	238	273	131
IRRIGATED FARMLAND SUBTOTAL	to:	688	343	627	249
Farmland of Local Importance	to:	237	19	420	8
Grazing Land (2)	to:	2,374	74	24	3
AGRICULTURAL LAND TOTAL	to:	3,299	436	1,071	260
Urban and Built-up Land (3)	to:	358	0	137	47
Other Rural Land Uses (4)	to:	388	15	107	66
TOTAL LAND CONVERTED TO RURAL USES		4,045	451	1,315	373

PART III

Conversions From Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Urban and Built-up Land	Irrigated Farmland	Farmland of Local Importance and Grazing	Other Rural Land Uses (4)
Rural Residential and Commercial (3)	to:	681	146	222	138
Confined Animal Agriculture	to:	0	63	2	0
Vacant or Disturbed Land	to:	410	113	122	274
Nonagricultural and Natural Vegetation	to:	15	98	26	164
TOTAL LAND CONVERTED FROM RURAL USES		1,106	420	372	576

(1) Total Area Inventoried for Rural Land Use categories is equal to that of Other Land within the Important Farmland Map of Madera County.

(2) Conversion to Rural Residential Land partially due to refinements of map categories and to the use of more detailed digital imagery in the northern forested area of the county.

(3) Conversions out of Urban Land and Rural Residential land primarily the result of boundary adjustments associated with the use of more detailed digital imagery.

(4) These statistics represent shifts from one Rural Land Use category to another.

Madera County

TABLE D-3
Merced County
2002-2004 Rural Land Use Data

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

Rural Land Use Summary

LAND USE CATEGORY	ACREAGE INVENTORIED		ACREAGE CHANGED	PERCENT CHANGE
	2002	2004		
Rural Residential and Commercial	7,100	8,122	1,022	14.4%
Confined Animal Agriculture	13,112	13,860	748	5.7%
Vacant or Disturbed Land	13,604	13,236	-368	-2.7%
Nonagricultural and Natural Vegetation	11,505	11,329	-176	-1.5%
TOTAL AREA INVENTORIED (1)	45,321	46,547	1,226	2.7%

PART II

Conversions to Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Rural Residential and Commercial	Confined Animal Agriculture	Vacant or Disturbed Land	Nonagricultural and Natural Vegetation
Prime Farmland	to:	443	528	53	53
Farmland of Statewide Importance	to:	268	350	14	0
Unique Farmland	to:	108	260	10	6
IRRIGATED FARMLAND SUBTOTAL	to:	819	1,138	77	59
Farmland of Local Importance	to:	125	17	11	10
Grazing Land	to:	84	57	160	33
AGRICULTURAL LAND TOTAL	to:	1,028	1,212	248	102
Urban and Built-up Land	to:	3	10	68	0
Other Rural Land Uses (2)	to:	282	176	384	29
TOTAL LAND CONVERTED TO RURAL USES		1,313	1,398	700	131

PART III

Conversions From Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Urban and Built-up Land	Irrigated Farmland	Farmland of Local Importance and Grazing	Other Rural Land Uses (2)
Rural Residential and Commercial	to:	76	84	28	103
Confined Animal Agriculture	to:	1	218	36	395
Vacant or Disturbed Land	to:	85	199	578	206
Nonagricultural and Natural Vegetation	to:	0	64	76	167
TOTAL LAND CONVERTED FROM RURAL USES		162	565	718	871

(1) Total Area Inventoried for Rural Land Use categories is equal to that of Other Land within the Important Farmland Map of Merced County.

(2) These statistics represent shifts from one Rural Land Use category to another.

Merced County

TABLE D-4
Stanislaus County
2002-2004 Rural Land Use Data

CALIFORNIA DEPARTMENT OF CONSERVATION
Division of Land Resource Protection

Farmland Mapping and Monitoring Program

PART I

Rural Land Use Summary

LAND USE CATEGORY	ACREAGE INVENTORIED		ACREAGE CHANGED	PERCENT CHANGE
	2002	2004		
Rural Residential and Commercial	6,317	6,623	306	4.8%
Confined Animal Agriculture	9,432	10,686	1,254	13.3%
Vacant or Disturbed Land	4,983	4,887	-96	-1.9%
Nonagricultural and Natural Vegetation	29,775	29,863	88	0.3%
TOTAL AREA INVENTORIED (1)	50,507	52,059	1,552	3.1%

PART II

Conversions to Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Rural Residential and Commercial	Confined Animal Agriculture	Vacant or Disturbed Land	Nonagricultural and Natural Vegetation
Prime Farmland	to:	366	509	367	331
Farmland of Statewide Importance	to:	28	206	50	47
Unique Farmland	to:	46	207	70	116
IRRIGATED FARMLAND SUBTOTAL	to:	440	922	487	494
Farmland of Local Importance	to:	73	265	52	36
Grazing Land	to:	24	55	8	52
AGRICULTURAL LAND TOTAL	to:	537	1,242	547	582
Urban and Built-up Land	to:	0	3	0	0
Other Rural Land Uses (2)	to:	7	89	7	66
TOTAL LAND CONVERTED TO RURAL USES		544	1,334	554	648

PART III

Conversions From Rural Land Uses, 2002 to 2004

LAND USE CATEGORY		Urban and Built-up Land	Irrigated Farmland	Farmland of Local Importance and Grazing	Other Rural Land Uses (2)
Rural Residential and Commercial	to:	131	83	0	24
Confined Animal Agriculture	to:	16	43	0	21
Vacant or Disturbed Land	to:	395	141	8	106
Nonagricultural and Natural Vegetation	to:	2	534	6	18
TOTAL LAND CONVERTED FROM RURAL USES		544	801	14	169

(1) Total Area Inventoried for Rural Land Use categories is equal to that of Other Land within the Important Farmland Map of Stanislaus County.

(2) These statistics represent shifts from one Rural Land Use category to another.

Stanislaus County

Appendix E

Farmland of Local Importance

Definitions

Farmland of Local Importance

Farmland of Local Importance is land of importance to the local economy, as defined by each county's local advisory committee and adopted by its Board of Supervisors. Farmland of Local Importance is either currently producing, or has the capability of production, but does not meet the criteria of Prime Farmland, Farmland of Statewide Importance, or Unique Farmland. Authority to adopt or to recommend changes to the category of Farmland of Local Importance rests with the Board of Supervisors in each county.

ALAMEDA

The Board of Supervisors determined that there will be no Farmland of Local Importance for Alameda County.

AMADOR

Land that is currently in agricultural production and that is providing an economic return equal to that from the prime soil types.

BUTTE

The Important Farmland Map for Butte County is currently in draft format. A Farmland of Local Importance definition has not yet been developed or approved by county organizations.

COLUSA

The following lands are to be included in the Farmland of Local Importance category: All farmable lands within Colusa County that do not meet the definitions of Prime, Statewide, or Unique, but are currently irrigated pasture or nonirrigated crops; or nonirrigated land with soils qualifying for Prime Farmland or Farmland of Statewide Importance; or lands that would have Prime or Statewide designation and have been improved for irrigation but are now idle; or lands with a General Plan Land Use designation for agricultural purposes; and lands that are legislated to be used only for agricultural (farmland) purposes.

CONTRA COSTA

The lands within the Tassajara area, extending eastward to the county boundary and bordered on the north by the Black Hills, the Deer, Lone Tree and Briones Valleys, the Antioch area, and the Delta. These lands are typically used for livestock grazing. They are capable of producing dryland grain on a two year summer fallow or longer rotation with volunteer hay and pasture. The farmlands in this category are included in the U.S. Natural Resources Conservation Service's Land Capability Classes I, II, III, and IV, and lack some irrigation water.

EL DORADO

Lands that do not qualify for the Prime, Statewide, or Unique designation but are considered Existing Agricultural Lands, or Potential Agricultural Lands, in the Agricultural Land Element of the County General Plan. Timberlands are excluded.

FRESNO

All farmable lands within Fresno County that do not meet the definitions of Prime, Statewide, or

Unique. This includes land that is or has been used for irrigated pasture, dryland farming, confined livestock and dairy, poultry facilities, aquaculture and grazing land.

GLENN

Local Importance (L): All lands not qualifying for Prime, Statewide, or Unique that are cropped on a continuing or cyclic basis (irrigation is not a consideration). All cropable land within Glenn County water district boundaries not qualifying for Prime, Statewide, or Unique.

Local Potential (LP): All lands having Prime and Statewide soil mapping units which are not irrigated, regardless of cropping history or irrigation water availability.

IMPERIAL

Unirrigated and uncultivated lands with Prime and Statewide soils.

KERN

The Board of Supervisors determined that there will be no Farmland of Local Importance for Kern County.

KINGS

Land that supports the following commercial agricultural activities: dairies, confined livestock, and poultry operations.

LAKE

Lands which do not qualify as Prime Farmland or Farmland of Statewide Importance or Unique Farmland, but are currently irrigated pasture or nonirrigated crops; and unirrigated land with soils qualifying for Prime Farmland or Farmland of Statewide Importance. Areas of unirrigated Prime and Statewide Importance soils overlying ground water basins may have more potential for agricultural use.

LOS ANGELES

Producing lands that would meet the standard criteria for Prime or Statewide but are not irrigated.

MADERA

Lands that are presently under cultivation for small grain crops, but are not irrigated. Also lands that are currently irrigated pasture, but have the potential to be cultivated for row/field crop use.

MARIN

Land which is not irrigated, but is cultivated; or has the potential for cultivation.

MARIPOSA

The Board of Supervisors determined that there will be no Farmland of Local Importance for Mariposa County.

MERCED

Farmlands that have physical characteristics that would qualify for Prime or Statewide except for the lack of irrigation water. Also, farmlands that produce crops that are not listed under Unique but are important to the economy of the county or city.

MODOC

Irrigated and dry cropland classified as Class III and Class IV irrigated land if water is or becomes available.

MONTEREY

The Board of Supervisors determined that there will be no Farmland of Local Importance for Monterey County.

NAPA

These farmlands include areas of soils that meet all the characteristics of Prime Farmland or of additional Farmland of Statewide Importance with the exception of irrigation. These farmlands include dryland grains, haylands, and dryland pasture.

NEVADA

Farmlands that have physical characteristics that would qualify for Prime or Statewide except for the lack of irrigation water. Farmlands that produce crops that are not listed under Unique Lands but are important to the economy of the county are: Christmas trees, Sudan grass, Meadow hay, chestnuts, poultry houses and feedlots, improved dryland pasture (not rangeland), and irrigated pasture (it is under Statewide or Prime if soils are listed as such, otherwise as Local).

Also, lands that are legislated to be used only for agricultural (farmland) purposes, such as Williamson Act land in western Nevada County.

ORANGE

The Board of Supervisors determined that there will be no Farmland of Local Importance for Orange County.

PLACER

Farmlands not covered by the categories of Prime, Statewide, or Unique. They include lands zoned for agriculture by County Ordinance and the California Land Conservation Act as well as dry farmed lands, irrigated pasture lands, and other agricultural lands of significant economic importance to the County and include lands that have a potential for irrigation from Placer County water supplies.

RIVERSIDE

Soils that would be classified as Prime and Statewide but lack available irrigation water. Lands planted to dryland crops of barley, oats, and wheat.

Lands producing major crops for Riverside County but that are not listed as Unique crops. These crops are identified as returning one million or more dollars on the 1980 Riverside County Agriculture Crop Report. Crops identified are permanent pasture (irrigated), summer squash, okra, eggplant, radishes, and watermelons.

Dairylands, including corrals, pasture, milking facilities, hay and manure storage areas if accompanied with permanent pasture or hayland of 10 acres or more.

Lands identified by city or county ordinance as Agricultural Zones or Contracts, which includes Riverside City "Proposition R" lands. Lands planted to jojoba which are under cultivation and are of producing age.

SACRAMENTO

Lands which do not qualify as Prime, Statewide, or Unique designation but are currently irrigated crops or pasture or nonirrigated crops; lands that would be Prime or Statewide designation and have been improved for irrigation but are now idle; and lands which currently support confined livestock, poultry operations, and aquaculture.

SAN BENITO

Land cultivated as dry cropland. Usual crops are wheat, barley, oats, safflower, and grain hay. Also, orchards affected by boron within the area specified in County Resolution Number 84-3.

SAN BERNARDINO

Farmlands which include areas of soils that meet all the characteristics of Prime, Statewide, or Unique and which are not irrigated.

Farmlands not covered by above categories but are of high economic importance to the community. These farmlands include dryland grains of wheat, barley, oats, and dryland pasture.

SAN DIEGO

Land that meets all the characteristics of Prime and Statewide, with the exception of irrigation.

Farmlands not covered by the above categories but are of significant economic importance to the county. They have a history of good production for locally adapted crops. The soils are grouped in types that are suited for truck crops (such as tomatoes, strawberries, cucumbers, potatoes, celery, squash, romaine lettuce, and cauliflower) and soils suited for orchard crops (avocados and citrus).

SAN JOAQUIN

All farmable land within San Joaquin County not meeting the definitions of "Prime Farmland," "Farmland of Statewide Importance," and "Unique Farmland." This includes land that is or has been used for irrigated pasture, dryland farming, confined livestock or dairy facilities, aquaculture, poultry facilities, and dry grazing. It also includes soils previously designated by soil characteristics as "Prime Farmland," "Farmland of Statewide Importance," and "Unique Farmland" that has since become idle.

SAN LUIS OBISPO

Local Importance (L): areas of soils that meet all the characteristics of Prime or Statewide, with the exception of irrigation. Additional farmlands include dryland field crops of wheat, barley, oats, and safflower.

Local Potential (LP): lands having the potential for farmland, which have Prime or Statewide characteristics and are not cultivated.

SAN MATEO

Lands other than Prime, Statewide, or Unique that produce the following crops: oats, Christmas trees, pumpkins, dryland pasture, other grains, and haylands. These lands are not irrigated.

SANTA BARBARA

All dryland farming areas and permanent pasture (if the soils were not eligible for either Prime or Statewide). Dryland farming includes various cereal grains (predominantly wheat, barley, and

oats), sudan, and many varieties of beans. (Although beans can be high value crops the production areas are usually rotated with grain, hence the decision to include them under Local rather than Unique. Also, bean crop yields are highly influenced by climate, so there can be a wide variance in cash value.)

SANTA CLARA

Small orchards and vineyards primarily in the foothill areas. Also land cultivated as dry cropland for grains and hay.

SANTA CRUZ

Soils used for Christmas tree farms and nurseries, and that do not meet the definition for Prime, Statewide, or Unique.

SHASTA

Dryland grain producing lands. Also included are farmlands that are presently irrigated but do not meet the soil characteristics of Prime or Statewide. The majority of these farmlands are located within the Anderson Cottonwood Irrigation District. These soils include Newton gravelly loam (8 to 15 percent slopes), Moda loam, seeped (0 to 3 percent slopes), Moda loam, shallow (0 to 5 percent slopes), and Hillgate loam.

SIERRA VALLEY

Plumas County: Lands designated as "agricultural preserve" in the 1984 Plumas County General Plan and rangelands with a carrying capacity of 8 acres/animal month, as well as irrigable lands.

Lassen and Sierra counties: Farmlands that include areas of soils that meet all the characteristics of Prime or Statewide and which are not irrigated. Also, all dry land wheat, barley, oats, hayland, and pasture.

SISKIYOU

Farmlands that include dryland or sub-irrigated hay and grain and improved pasture forage species; these dry farmed lands commonly have inclusions of uncultivated shallow, rocky, or steep soils; farmlands presently irrigated but which do not meet the soil characteristics of Prime Farmland or Farmland of Statewide Importance; areas currently shown as Prime Agricultural Land in the Siskiyou County General Plan; areas under contract as Agricultural Preserves in Siskiyou County (currently mapped only for the Scott-Shasta-Butte Valley and Tule Lake soil survey areas); other agricultural land of significant importance to the county (currently mapped only for the Scott-Shasta-Butte Valley and Tule Lake soil survey areas); areas previously designated by soil characteristics as Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and Farmland of Local Importance that have since become idle; lands enrolled in the U.S. Department of Agriculture's Conservation Reserve Program.

SOLANO

The Board of Supervisors determined that there will be no Farmland of Local Importance for Solano County.

SONOMA

The hayland producing areas of the Santa Rosa Plains, Petaluma Valley, and Tubbs Island Naval Reservation. Additional areas also include those lands which are classified as having the capability

for producing locally important crops such as grapes, corn, etc., but may not be planted at the present time.

Examples of these areas include the coastal lands from Fort Ross to Stewarts Point, areas surrounding Bloomfield, Two Rock, Chileno Valley, and areas of Sonoma Valley in the vicinity of Big Bend, Vineburg, and Schellville.

STANISLAUS

Farmlands growing dryland pasture, dryland small grains, and irrigated pasture.

SUTTER

The Board of Supervisors determined that there will be no Farmland of Local Importance for Sutter County.

TEHAMA

All lands which are not included in Prime, Statewide, or Unique and are cropped continuously or on a cyclic basis (irrigation is not a factor). Also, all lands included in the L category which have soil mapping units listed for Prime or Statewide and which are not irrigated.

TULARE

Lands that produce dryland grains (barley and wheat); lands that have physical characteristics that would qualify for "Prime" or "Statewide Important" farmlands except for the lack of irrigation water; and lands that currently support confined livestock, poultry, and/or aquaculture operations.

VENTURA

Soils that are listed as Prime or Statewide that are not irrigated, and soils growing dryland crops--beans, grain, dryland walnuts, or dryland apricots.

YOLO

Local Importance (L): cultivated farmland having soils which meet the criteria for Prime or Statewide, except that the land is not presently irrigated, and other nonirrigated farmland.

Local Potential (LP): Prime or Statewide soils which are presently not irrigated or cultivated.

YUBA

The Board of Supervisors determined that there will be no Farmland of Local Importance for Yuba County.

The Department of Conservation makes no warranties as to the suitability of this product for any particular purpose.



Increases in imagery resolution support improvements to Important Farmland Maps.

Examples of digital imagery that have been used over the program's history include, from top, National Agricultural Imagery Program (NAIP) data, color infrared data from NASA's ER-2 aircraft, and LANDSAT satellite data. Data ranges from one-meter resolution for NAIP to 25 meters for LANDSAT.