# Medi-Cal
# Access to Care
# Quarterly Monitoring Report #7
# 2013 Quarter 2

# Physician Supply

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**Research and Analytic Studies Division**

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# Errata

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This section has been updated to more clearly describe the statistics presented for Primary Care Physicians. The previous description indicated that Clinics and all physician specialty types (General Medicine, Family Practice, Internal Medicine, Pediatrics, Obstetrics, Gynecology) were included in the total counts of Primary Care Physicians (Table PS-3). The descriptions have been updated to clarify that the counts of Primary Care Physicians only include the physician specialties General Medicine, Family Practice, and Internal Medicine. It has been further clarified that while Clinics and the other physician specialties (Pediatrics, Obstetrics, and Gynecology) are also considered Primary Care Physicians, they are each counted and represented in separate tables within the section. As a result, there have been no changes in the aggregate counts or trend analyses of Primary Care Physicians, but rather an expansion of the description of how the data are presented.

Updated Elements:

- Table PS-1, Page 9, update to the description of Table PS-3 for Primary Care Physicians.
- First paragraph, Page 16, update to the description of Primary Care Physicians.

# Contents

Figures ..... 3
Tables ..... 4
Medi-Cal Physician Supply ..... 5
Introduction ..... 5
Methods ..... 7
Physician Enrollment Status ..... 7
Data Source ..... 7
How Are Physicians Counted? ..... 8
Results–Physician Supply ..... 9
Number of Physicians ..... 12
Primary Care Physicians ..... 16
OB/GYN Physicians ..... 17
Pediatricians ..... 18
Conclusions—Physician Supply ..... 19
Appendix: Physician Supply by County ..... 20

## Figures

Figure PS-1. Health Plan Models by County, June 2013 ..... 10
Figure PS-2. Primary Care Health Provider Shortage Areas, by Health Plan Model, April 2012* ..... 11
Figure PS-3. All Enrolled Physicians, by County, Quarter 2, 2013 ..... 13
Figure PS-4. Change in All Enrolled Physicians, by County, Quarter 3, 2012 to Quarter 2, 2013 ..... 14
Figure PS-5. Ratios of Beneficiaries to All Physicians, by County, 2013 Quarter 2 ..... 15

# Tables

Table PS-1. Summary and Description of Physician Supply Tables..... 9
Table PS-2. Physician Supply, All Enrolled Physician Sites, FFS, Full Scope, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013 ..... 12
Table PS-3. Primary Care Physicians, All Enrolled Physician Sites, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013 ..... 16
Table PS-4. Physician Supply, Physicians with an OB/GYN Specialty, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013 ..... 17
Table PS-5. Physician Supply, Physicians with a Pediatric Specialty, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013 ..... 18
Table PS-6. Physician Supply, All Enrolled Physician Sites, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013 ..... 20
Table PS-7. Primary Care Physician Supply, All Enrolled Physicians, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013 ..... 23
Table PS-8. Physician Supply, Physicians with an OB/GYN Specialty, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013 ..... 25
Table PS-9. Physician Supply, Physicians with a Pediatric Specialty, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013 ..... 27
Table PS-10. Rural/FQHC Clinics, Quarter 3, 2012–Quarter 2, 2013 ..... 29
Table PS-11. Other Clinics, Quarter 3, 2012–Quarter 2, 2013 ..... 31

# Medi-Cal Physician Supply

## Introduction

Physician availability is an important first step in accessing health care, increasing the likelihood that patients receive preventive services and timely referrals to needed care. Studies have reported that a higher supply of primary care physicians is associated with lower mortality rates, longer life expectancy, and better birth outcomes.

**Highlights**

Physician supply should not be used as the sole metric in assessing the adequacy of health care access; rather it must be combined with other access-related metrics to derive a holistic view of access.

Overall findings indicate that the statewide supply of physicians potentially available to beneficiaries eligible for Medi-Cal only and entitled to full scope health care services and participating in FFS continued to grow modestly.

Site-specific physician counts increased 4.6%, from 75,093 to 78,534.

Site-specific primary care physician counts increased 4.2%, from 28,178 to 29,359.

Site-specific OB/GYN physician counts increased 4.1%, from 4,442 to 4,625.

Site-specific pediatrician counts increased 4.4%, from 7,846 to 8,192.

Consequently, physicians have been described as the epicenter of health care delivery, providing patients with a gateway into the health system and affecting how 90% of all health care dollars are spent.

Physician supply provides a measure of the number of physicians who are "potential" care providers, but does not represent the number of providers who are actively rendering care. Evaluating physician supply is designed to provide decision makers with a sense of whether Medi-Cal's network of physicians is decreasing, increasing, or remaining stable over time. In addition, a system's provider supply can also be evaluated by geographic region, allowing those charged with maintaining an adequate network to assess differences throughout the state. Significant changes in the supply of physicians combined with other information may provide insight into various aspects of health care access. Long-term trends may help decision makers evaluate policies that may be inhibiting physician supply.

The counts of physicians in this report represent physician supply, or the number of physicians potentially available to provide services to Medi-Cal beneficiaries. The term physician supply is not to be confused with the concept of physician participation. The concept of physician supply is prospective. It is a measure that reports the number of physicians who enrolled and were potentially available to provide services. The concept of physician participation is retrospective. It reports the number of physicians who actually provided or rendered services to Medi-Cal beneficiaries as measured from paid claims data.

Readers should be aware that "physician supply" does not represent, in and of itself, a metric that can be used to assess the adequacy of health care access. Rather, it must be combined with an assessment of other access-related metrics to derive a holistic view of access.

The beneficiary-to-provider ratios measure the number of beneficiaries relative to providers. A low ratio indicates that there are a greater number of providers relative to the population, while a high ratio indicates that there are fewer providers relative to the population. Beneficiary-to-provider ratios are useful for identifying differences in physician supply from one geographic area to another, from one measurement period to another, or between the study population and another population or normative benchmark.

# Methods

## Physician Enrollment Status

Physician supply metrics are based on those physicians who have gone through the Medi-Cal provider application and enrollment process[1] and who have a current "Active" (Billing) or "Indirect" (Rendering) enrollment status for the period reported. Physicians with an "Active" status directly bill Medi-Cal. Physicians with an "Indirect/Rendering" status render services on behalf of a medical group or clinic that bills for the services rendered.

Physicians who want to treat Medi-Cal beneficiaries must apply for a Medi-Cal provider number. Applications are reviewed and processed in accordance with Medi-Cal provider enrollment statutes. The review of a physician's application package is a complex process that requires assessment of many elements of the application, including a review of the required supporting documentation to determine eligibility for enrollment into the Medi-Cal program. DHCS may conduct a background check of an applicant for the purpose of verifying information. This background check may include an unannounced onsite inspection, a review of business records, and data searches to ensure that the applicant or provider meets enrollment criteria.[2,3]

## Data Source

The Medi-Cal Provider Master Enrollment File (PMF) was used as the primary data source for measuring physician supply. Physicians were identified in the PMF as providers with a provider type of "026" (physician). Primary care physicians were identified using the primary care indicator on the PMF and selecting from a narrow range of specialty areas: General Medicine, Family Practice, Gynecology, Obstetrics, Geriatrics, Internal Medicine, Pediatrics, and Clinics with mixed specialties.

Quarterly counts are presented in this report, based on the first month of each quarter. Only physicians enrolled and coded with a valid California county were included. The PMF presents providers in one of the following enrollment statuses: 1-Active, 2-Inactive, 3-Pending, 4-Deceased, 5-Rejected, 6-Suspended, 7-Indirect/Rendering, or 9-Temp Suspension. This report presents only counts of physicians that have a current "Active" (Billing) or "Indirect" (Rendering) enrollment status for the period reported.

The Department of Health Care Services evaluates its listing of providers from time to time to ensure that it maintains the most complete and accurate list of Medi-Cal providers. As part of this process, the number of providers denoted as active participants may change from period to period as the dataset is revised for any additions, deletions, or changes. This quarterly access report has incorporated modifications to the Department's Provider Master File that occurred during the first quarter of 2013.

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[1] "Provider Enrollment Regulations, California Code of Regulations, Title 22, Division 3; URL: https://files.medi-cal.ca.gov/pubsdoco/Publications/masters-other/provappsenroll/05enrollment_regulations.pdf
[2] "Medi-Cal Provider Enrollment, Frequently Asked Questions," URL: http://www.dhcs.ca.gov/provgovpart/Pages/PEDFrequentlyAskedQuestions.aspx
[3] Medi-Cal Provider Agreement DHCS 6208 form; URL: https://files.medi-cal.ca.gov/pubsdoco/forms.asp

## How Are Physicians Counted?

There are various ways to count physicians, each of which produces different totals. Physicians can be counted by the:

- Number of distinct individual physicians or physician groups.
- Number of physicians at distinct service locations.
- Number of physicians at distinct service locations providing specific categories of service.

Some physicians may practice at multiple sites or locations. For the purpose of evaluating beneficiary access to care using physician counts, the last method is most appropriate, since geographic accessibility and appropriateness of care are two major elements of access. The reporting unit for physicians in this report is the unique combination of the physician provider ID, physician location identifier, and physician type. For individual physicians, the provider ID number is their license number as reported to the Medical Board of California. All other providers, including physician groups, are traced back to their original provider number, usually to one that predates the onset of the National Provider ID (NPI).

This method is necessary in order to avoid double-counting physicians who have successfully applied for multiple NPI's, a common occurrence that has a cumulative effect over time.

However, counting distinct physicians in combination with their location may overstate physician supply in some cases. For example, if a physician practices in one office location two days per week, and another office location the remainder of the week, but both offices are located within Sacramento County, the physician will be represented as two full-time equivalent physicians in the tables presented in this report. This scenario only modestly inflates the overall count and county-specific count for Medi-Cal physician supply in this report by a magnitude of roughly 400 physicians per quarter, or <1% of total physician counts.

### Calculation of the Numerator

The numerator for the beneficiary-to-provider ratios is the population of Medi-Cal beneficiaries eligible for Medi-Cal only and participating in Medi-Cal's FFS delivery of care model. Beneficiaries dually eligible for both Medicare and Medicaid benefits are excluded from the numerator for this analysis.

The reader should be aware that the population eligible for Medi-Cal only and participating in the FFS system is not static, and shifts of the population from FFS to managed care delivery systems may be responsible for differences or changes in beneficiary-to-provider ratios between different counties or different periods of measurement. For this reason, both the number of physicians and the ratios are displayed.

# Results–Physician Supply

The following tables report the number of physicians, primary care physicians, and other physician specialists. The tables cover four consecutive quarters from the third quarter of 2012 to the second quarter of 2013 and indicate the magnitude of change over this period.

You can view county-level details in tables PS-6 to PS-10 in the Appendix.

**Table PS-1. Summary and Description of Physician Supply Tables**

| Table | Description |
|---|---|
| Table PS-2 | All Enrolled Physicians with an Active or Indirect status at a given location and beneficiary-to-provider ratios. Includes both Primary Care and Specialty physicians. |
| Table PS-3 | All Enrolled **Primary Care** Physicians with an Active or Indirect status at a given location with specialties in General Medicine, Family Practice, or Internal Medicine. Although Clinics and physicians with specialties in Pediatrics, Obstetrics, or Gynecology are also considered Primary Care Physicians, they are presented separately in this report. |
| Table PS-4 | All Physicians with an **OB/GYN** Specialty and an Active or Indirect status at a given location. |
| Table PS-5 | All Physicians with a **Pediatric** Specialty and an Active or Indirect status at a given location. |

DHCS calculated site-specific physician counts both by county and by plan model type, in order to detect changes over the four quarters and to discern differences between counties and between plan model types. Plan model type is determined by county of enrollment. Figure PS-1 shows the distribution of plan model types by county.

Table PS-2 includes site-specific counts of all enrolled physicians identified in the Provider Master File. Table PS-3, Table PS-4, and Table PS-5 include only those physicians identified in the Provider Master File with a given specialty area.

Overall, the 28 primarily rural FFS counties have fewer physicians. This finding is consistent with other research and survey data that has reported that rural areas are also frequently health provider shortage areas. Figure PS-2 displays the location of areas designated as primary care Health Provider Shortage Areas in California.

**Figure PS-1. Health Plan Models by County, June 2013**

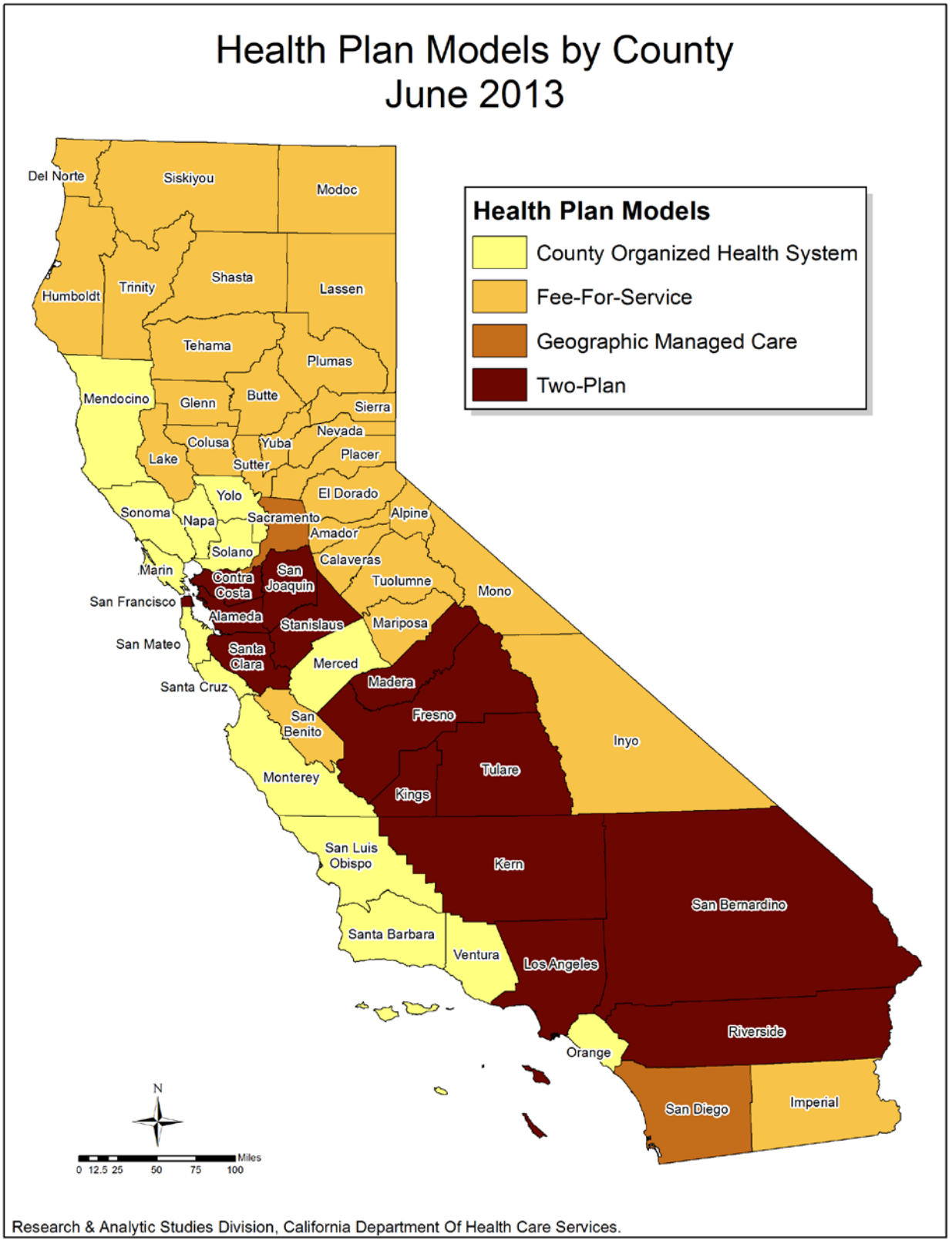
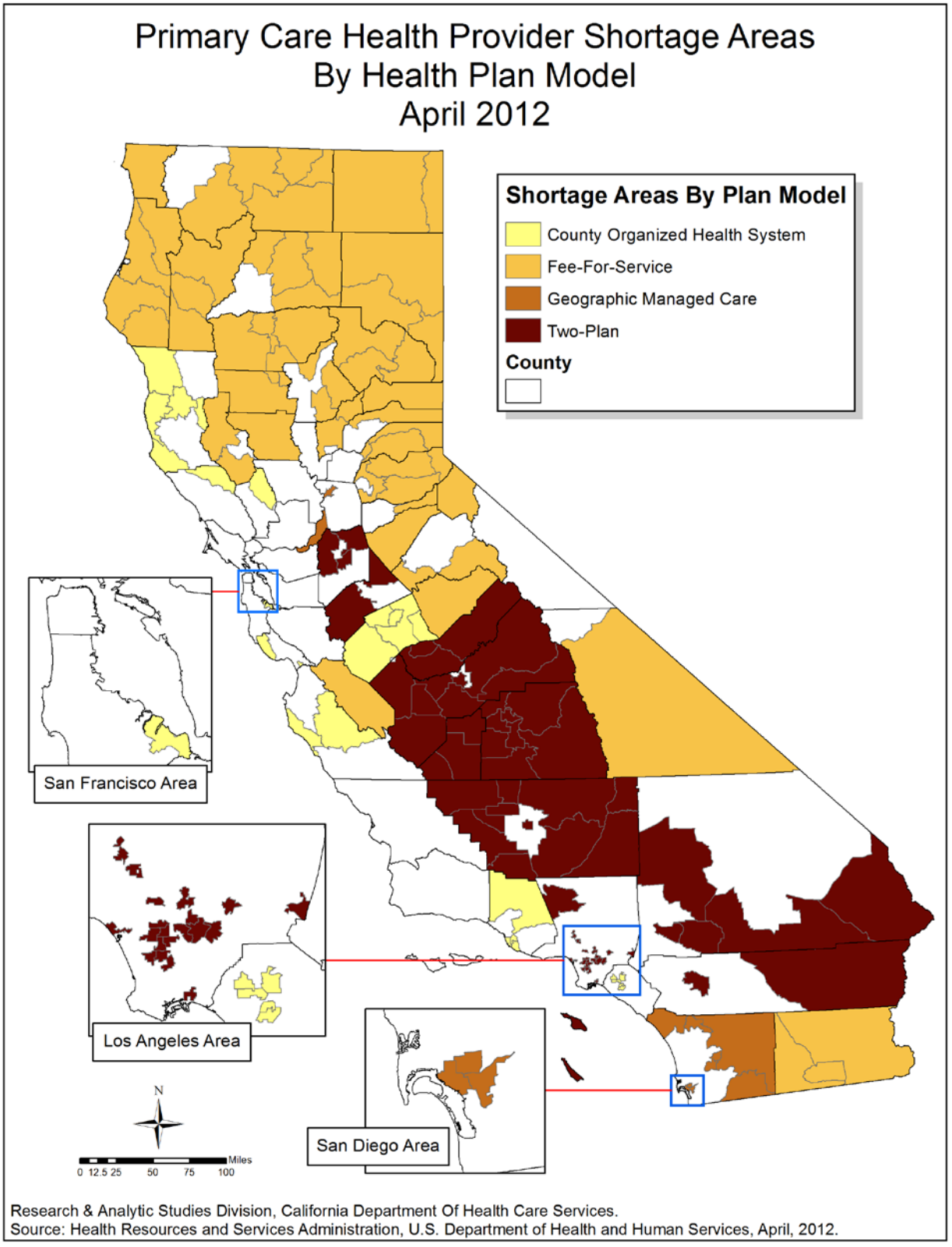


**Figure PS-2. Primary Care Health Provider Shortage Areas, by Health Plan Model, April 2012***




*Data identifying health provider shortage areas are from the Health Resources and Services Administration as of April 2012.

## Number of Physicians

Table PS-2 presents site-specific counts of all enrolled physicians by county plan model type. Site-specific physician counts statewide increased from 75,093 to 78,534, or 4.6%.

Physician counts by plan type showed increases ranging from 3.8% for County Organized Health System (COHS) counties to 5.2% for Geographic Managed Care (GMC) and Fee-For-Service (FFS) counties. Average counts for counties over the four quarters ranged from as few as one in Sierra County and fewer than 10 in four other counties, to as high as 20,699 in Los Angeles County (see Table PS-6 in the Appendix for county level detail). Figure PS-3 and Figure PS-4 show all enrolled physicians and the change in all enrolled physicians during the study period.

> Site-specific physician counts increased Statewide 4.6% from 75,093 to 78,534.

Statewide beneficiary-to-provider ratios for full scope FFS Medi-Cal only beneficiaries showed no change during the study period. Beneficiary-to-provider ratios by plan type increased 9.5% for COHS counties. All other plans had decreases ranging from 0.7% to 1.9%.

**Table PS-2. Physician Supply, All Enrolled Physician Sites, FFS, Full Scope, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013**

| | Site-Specific Physician Counts | | | | | Beneficiaries-to-Provider Ratio | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2012 Qtr 3 | 2012 Qtr 4 | 2013 Qtr 1 | 2013 Qtr 2 | % Change 2012 Qtr 3–2013 Qtr 2 | 2012 Qtr 3 | 2012 Qtr 4 | 2013 Qtr 1 | 2013 Qtr 2 | % Change 2012 Qtr 3–2013 Qtr 2 |
| **Statewide** | 75,093 | 76,766 | 77,787 | 78,534 | 4.6% | 15.2 | 14.7 | 15.4 | 15.2 | 0.0% |
| **County Plan Model Type** | | | | | | | | | | |
| **County Organized Health System (COHS)** | 13,626 | 13,845 | 14,018 | 14,143 | 3.8% | 6.3 | 6.0 | 6.9 | 6.9 | 9.5% |
| **Fee-for-Service (FFS)** | 3,035 | 3,102 | 3,163 | 3,194 | 5.2% | 102.0 | 99.3 | 98.8 | 100.8 | -1.2% |
| **Geographic Managed Care (GMC)** | 11,251 | 11,576 | 11,730 | 11,831 | 5.2% | 10.3 | 9.9 | 9.9 | 10.1 | -1.9% |
| **Two-Plan (Commercial Plan and Local Initiative)** | 47,181 | 48,243 | 48,876 | 49,366 | 4.6% | 13.4 | 12.9 | 13.8 | 13.3 | -0.7% |

Source: Prepared by DHCS Research and Analytic Studies Division. Counts of physicians with Active and Indirect enrollment status for April 2103 were obtained from the Medi-Cal Provider Master File and estimated from the Medi-Cal Provider Master File for July 2012, October 2012, and January 2013.

**Figure PS-3. All Enrolled Physicians, by County, Quarter 2, 2013**

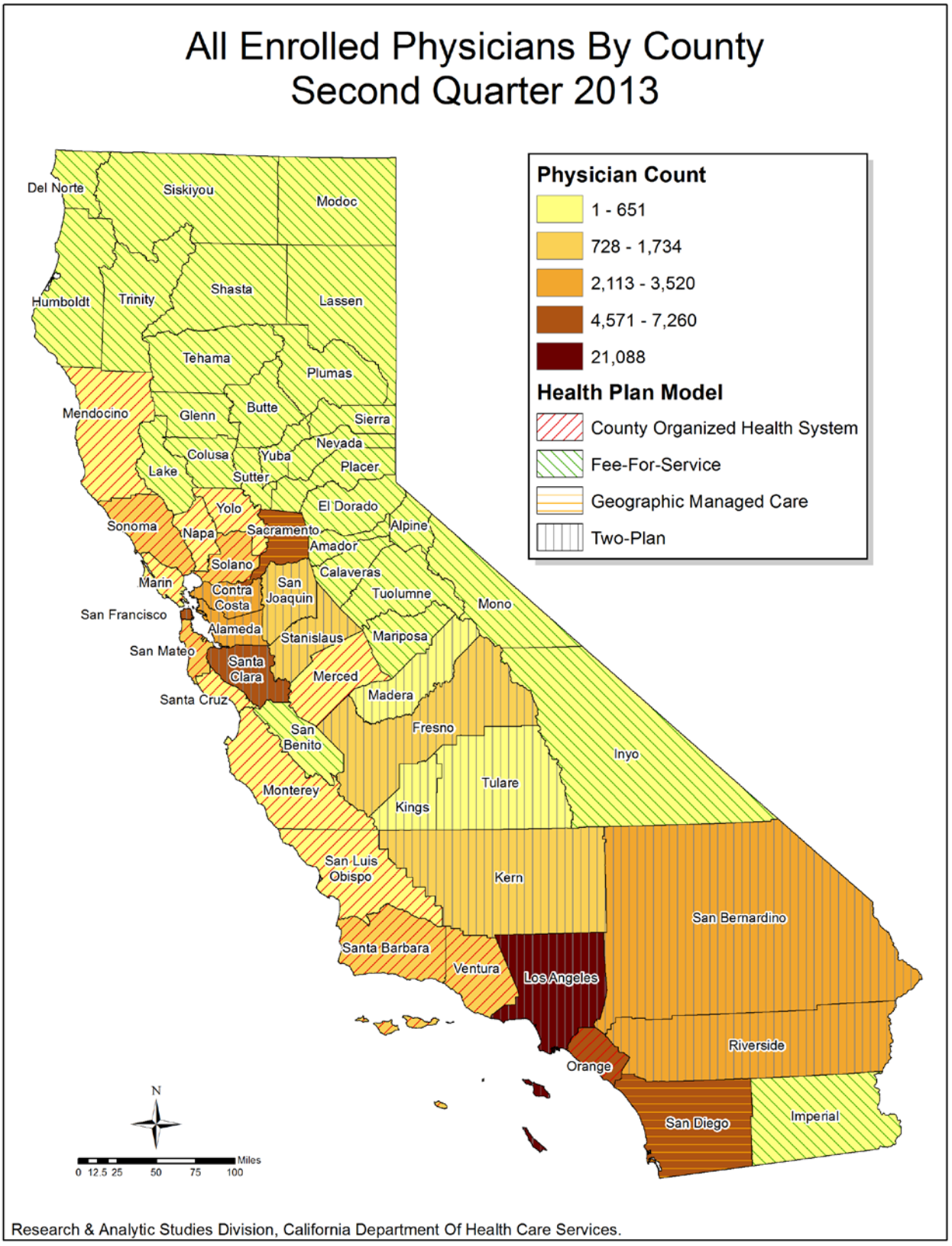


**Figure PS-4. Change in All Enrolled Physicians, by County, Quarter 3, 2012 to Quarter 2, 2013**

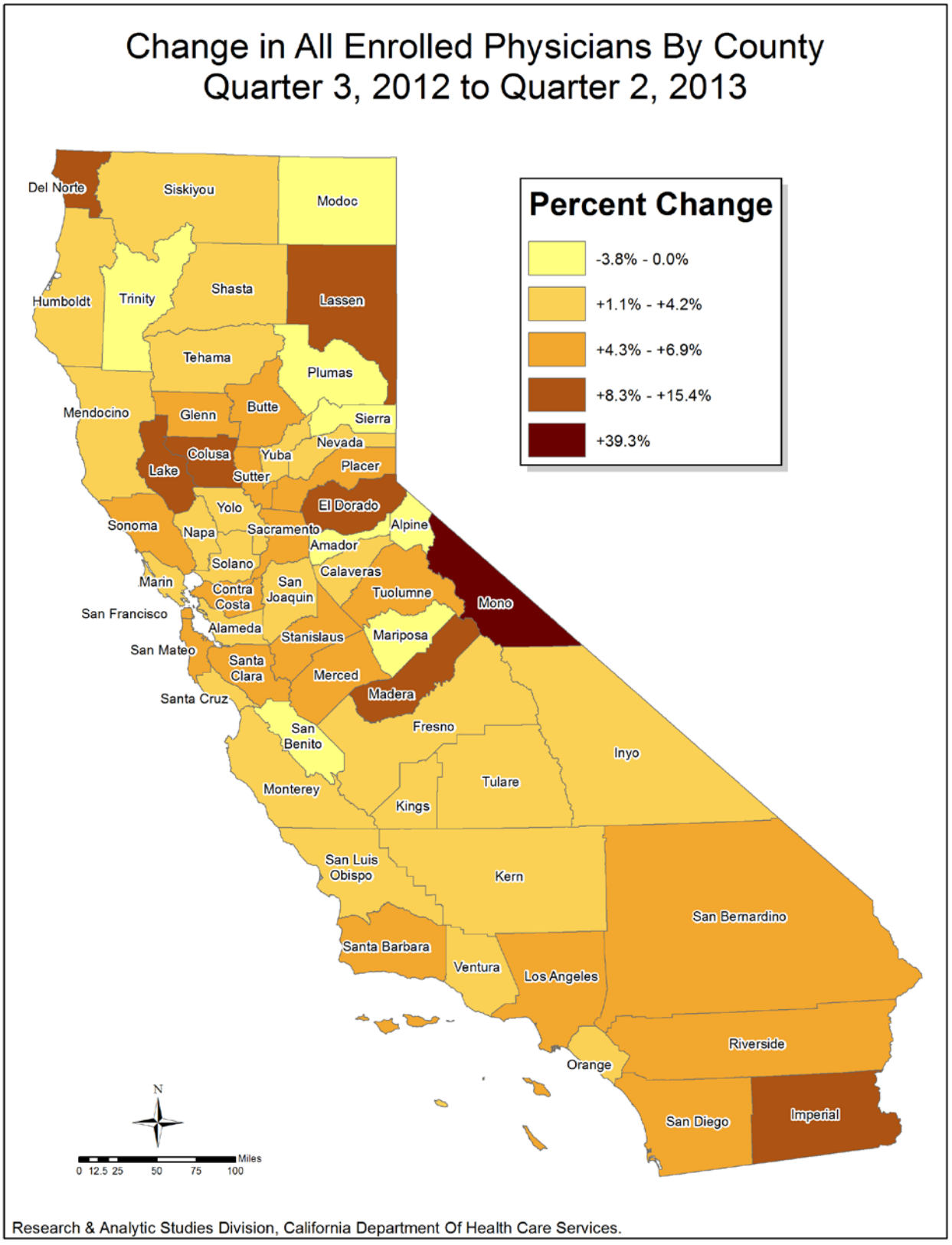
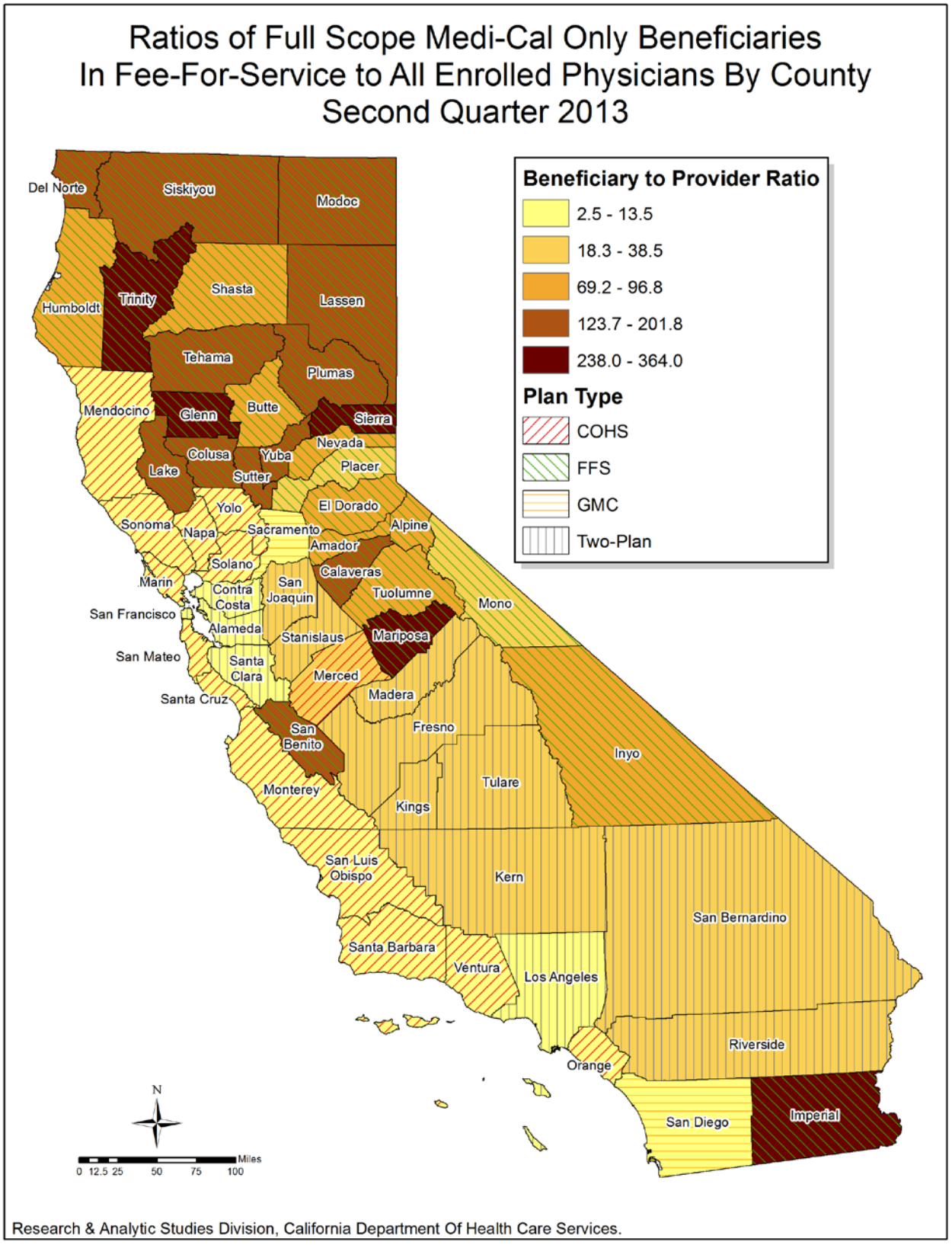


**Figure PS-5. Ratios of Beneficiaries to All Physicians, by County, 2013 Quarter 2**



## Primary Care Physicians

Table PS-3 reflects all enrolled Primary Care Physicians with an Active or Indirect status at a given location with specialties in General Medicine, Family Practice, or Internal Medicine. Although Clinics and physicians with specialties in Pediatrics, Obstetrics, or Gynecology are also considered Primary Care Physicians, they are presented separately in this report.

Table PS-3 includes site-specific counts of all enrolled primary care physicians by county and county plan model type. Statewide, primary care physician enrollment showed improvement from the third quarter of 2012 to the second quarter of 2013, increasing from 28,178 to 29,359, or 4.2%.

> Statewide, site-specific primary care physician counts showed improvement from the third quarter of 2012 to the second quarter of 2013, increasing 4.2% from 28,178 to 29,359.

Primary care physicians by plan type showed increases ranging from 3.6% for COHS counties to 4.9% for FFS counties. Average counts ranged from one in Alpine and Sierra Counties and fewer than 10 in five other counties, to 8,038 in Los Angeles County (see Table PS-7 in the Appendix for county level detail). The counties with low primary care physician counts are primarily rural with small populations, and offer only the FFS plan model. It is important to note that although there are counties with few to no registered primary care physicians, Federally Qualified Health Clinics (FQHC), Rural Health Clinics (RHC), and other clinics are able to provide primary care services in these communities. Table PS-10 and Table PS-11 display the total number of clinics by county available to serve Medi-Cal beneficiaries.

**Table PS-3. Primary Care Physicians, All Enrolled Physician Sites, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013**

| | Site-Specific Physician Counts | | | | |
|---|---|---|---|---|---|
| | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change In Number of Providers |
| **Statewide** | 28,178 | 28,707 | 29,082 | 29,359 | 4.2% |
| **County Plan Model Type** | | | | | |
| County Organized Health System (COHS) | 5,187 | 5,261 | 5,320 | 5,373 | 3.6% |
| Fee-for-Service (FFS) | 1,294 | 1,322 | 1,341 | 1,357 | 4.9% |
| Geographic Managed Care (GMC) | 3,848 | 3,944 | 3,997 | 4,029 | 4.7% |
| Two-Plan (Commercial Plan and Local Initiative) | 17,849 | 18,180 | 18,424 | 18,600 | 4.2% |

Source: Prepared by DHCS Research and Analytic Studies Division. Counts of physicians with Active and Indirect enrollment status for April 2013 were obtained from the Medi-Cal Provider Master File and estimated from the Medi-Cal Provider Master File for July 2012, October 2012, and January 2013.

## OB/GYN Physicians

Table PS-4 presents site-specific counts of all enrolled OB/GYN physicians. Statewide, OB/GYN physicians showed a minor increase of 4.1%, from 4,442 to 4,625, during the four quarters.

OB/GYN physicians by plan type showed increases from 3.6% for COHS counties up to 4.9% for FFS counties. Los Angeles County had the highest average of OB/GYNs enrolled in Medi-Cal with 1,147 (see Table PS-8 in the Appendix for county level detail). Twenty counties had fewer than 10 physicians, and five of those counties, Alpine, Colusa, Mariposa, Sierra and Trinity, had no physicians with an OB\GYN designation. All such counties are primarily rural with small populations and offer only the FFS plan model. These counties have little or no OB/GYN physician presence according to California's Medical Board physician counts.

Statewide, site-specific OB/GYN physician counts increased 4.1% from 4,442 to 4,625.

**Table PS-4. Physician Supply, Physicians with an OB/GYN Specialty, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013**

| | Site-Specific Physician Counts | | | | |
|---|---|---|---|---|---|
| | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change In Number of Providers |
| **Statewide** | 4,442 | 4,512 | 4,581 | 4,625 | 4.1% |
| **County Plan Model Type** | | | | | |
| County Organized Health System (COHS) | 883 | 896 | 904 | 915 | 3.6% |
| Fee-for-Service (FFS) | 184 | 184 | 192 | 193 | 4.9% |
| Geographic Managed Care (GMC) | 602 | 617 | 624 | 627 | 4.2% |
| Two-Plan (Commercial Plan and Local Initiative) | 2,773 | 2,815 | 2,861 | 2,890 | 4.2% |

Source: Prepared by DHCS Research and Analytic Studies Division. Counts of physicians with Active and Indirect enrollment status for April 2013 were obtained from the Medi-Cal Provider Master File and estimated from the Medi-Cal Provider Master File for July 2012, October 2012, and January 2013.

Low OB/GYN provider counts in some counties do not necessarily mean that beneficiaries have limited access to gynecological health care services. Federally Qualified Health Clinics (FQHC), Rural Health Clinics (RHC), other clinics, and general care physicians with a specialty other than OB/GYN may provide these services to beneficiaries residing in communities where few OB/GYN specialists exist. Table PS-10 and Table PS-11 in the Appendix display the total number of clinics by county available to serve Medi-Cal beneficiaries.

## Pediatricians

Table PS-5 includes site-specific counts of all enrolled pediatric physicians by county plan model type. Enrollment increased 4.4% statewide, from 7,846 pediatricians in the third quarter of 2012 to 8,192 in the second quarter of 2013.

The number of pediatricians by plan type increased from 3.5% for COHS counties to 6.0% for FFS counties. Los Angeles County had the highest average number of pediatricians with 2,099 (see Table PS-9 in the Appendix for county level detail). In 21 counties, there were fewer than ten pediatricians with zero pediatricians in seven of those counties. Of the 21 counties with low counts or no count of pediatricians, 20 are FFS plan counties and primarily rural. As with the OB/GYN specialty, FQHCs, RHCs, other clinics, and general care physicians with a specialty other than pediatrics may render pediatric services in these communities. Table PS-10 and Table PS-11 in the Appendix display the total number of clinics by county available to serve Medi-Cal beneficiaries.

Site specific pediatrician counts increased 4.4% statewide from 7,846 to 8,192 pediatricians.

**Table PS-5. Physician Supply, Physicians with a Pediatric Specialty, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013**

| | Site-Specific Physician Counts | | | | |
|---|---|---|---|---|---|
| | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change In Number of Providers |
| **Statewide** | 7,846 | 8,023 | 8,109 | 8,192 | 4.4% |
| **County Plan Model Type** | | | | | |
| County Organized Health System (COHS) | 1,315 | 1,333 | 1,347 | 1,361 | 3.5% |
| Fee-for-Service (FFS) | 217 | 223 | 231 | 230 | 6.0% |
| Geographic Managed Care (GMC) | 1,098 | 1,125 | 1,135 | 1,150 | 4.7% |
| Two-Plan (Commercial Plan and Local Initiative) | 5,216 | 5,342 | 5,396 | 5,451 | 4.5% |

Source: Prepared by DHCS Research and Analytic Studies Division. Counts of physicians with Active and Indirect enrollment status for April 2013 were obtained from the Medi-Cal Provider Master File and estimated from the Medi-Cal Provider Master File for July 2012, October 2012, and January 2013.

## Conclusions—Physician Supply

1. DHCS evaluated all 58 counties and plan model types (i.e., Two-Plan, GMC, and FFS) with respect to physician supply from the third quarter of 2012 to the second quarter of 2013. The findings indicate that the statewide supply of physicians potentially available to beneficiaries eligible for full scope Med-Cal only and participating in FFS continued to grow.

2. Overall site-specific physician counts increased 4.6%, from 75,093 to 78,534.

3. During the period under study, site-specific counts of physicians with a specialty (primary care, OB/GYN, and pediatrics) continued to grow. Site-specific primary care physician counts increased 4.2%, from 28,178 to 29,359. Site-specific OB/GYN physician counts increased 4.1%, from 4,442 to 4,625, and site-specific pediatrician counts increased 4.4%, from 7,846 to 8,192.

## Appendix: Physician Supply by County

**Table PS-6. Physician Supply, All Enrolled Physician Sites, FFS, Medi-Cal Only, Quarter 3, 2012–Quarter 2, 2013**

| | | Site-Specific Physician Counts | | | | | | Beneficiaries-to-Provider Ratio | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change in Ratio |
| **Statewide** | | 75,093 | 76,766 | 77,787 | 78,534 | 77,045.0 | 4.6% | 15.2 | 14.7 | 15.4 | 15.2 | 0.0% |
| **County Plan Model Type** | | | | | | | | | | | | |
| County Organized Health System (COHS) | | 13,626 | 13,845 | 14,018 | 14,143 | 13,908.0 | 3.8% | 6.3 | 6.0 | 6.9 | 6.9 | 9.5% |
| Fee-for-Service (FFS) | | 3,035 | 3,102 | 3,163 | 3,194 | 3,123.5 | 5.2% | 102.0 | 99.3 | 98.8 | 100.8 | -1.2% |
| Geographic Managed Care (GMC) | | 11,251 | 11,576 | 11,730 | 11,831 | 11,597.0 | 5.2% | 10.3 | 9.9 | 9.9 | 10.1 | -1.9% |
| Two-Plan (Commercial Plan and Local Initiative) | | 47,181 | 48,243 | 48,876 | 49,366 | 48,416.5 | 4.6% | 13.4 | 12.9 | 13.8 | 13.3 | -0.7% |
| **County** | **Plan Type** | | | | | | | | | | | |
| Alameda | Two-Plan | 3,383 | 3,424 | 3,481 | 3,520 | 3,452.0 | 4.0% | 9 | 9 | 9 | 9 | 1.1% |
| Alpine | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% | 74 | 78 | 77 | 76 | 2.7% |
| Amador | FFS | 46 | 46 | 45 | 46 | 45.8 | 0.0% | 77 | 76 | 79 | 78 | 1.8% |
| Butte | FFS | 405 | 410 | 419 | 423 | 414.3 | 4.4% | 99 | 97 | 96 | 97 | -1.9% |
| Calaveras | FFS | 34 | 34 | 36 | 35 | 34.8 | 2.9% | 160 | 158 | 152 | 160 | 0.1% |
| Colusa | FFS | 24 | 24 | 26 | 26 | 25.0 | 8.3% | 146 | 145 | 140 | 148 | 1.2% |
| Contra Costa | Two-Plan | 2,015 | 2,054 | 2,084 | 2,113 | 2,066.5 | 4.9% | 10 | 9 | 10 | 9 | -2.1% |
| Del Norte | FFS | 35 | 36 | 38 | 39 | 37.0 | 11.4% | 183 | 174 | 165 | 162 | -11.5% |
| El Dorado | FFS | 180 | 188 | 192 | 196 | 189.0 | 8.9% | 81 | 77 | 77 | 78 | -4.1% |
| Fresno | Two-Plan | 1,466 | 1,488 | 1,506 | 1,516 | 1,494.0 | 3.4% | 19 | 19 | 20 | 20 | 3.1% |
| Glenn | FFS | 18 | 19 | 19 | 19 | 18.8 | 5.6% | 307 | 290 | 304 | 315 | 2.5% |
| Humboldt | FFS | 302 | 310 | 314 | 313 | 309.8 | 3.6% | 70 | 68 | 68 | 71 | 1.3% |
| Imperial | FFS | 164 | 171 | 176 | 178 | 172.3 | 8.5% | 279 | 268 | 261 | 263 | -5.6% |

| | | Site-Specific Physician Counts | | | | | | Beneficiaries-to-Provider Ratio | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change in Ratio |
| Inyo | FFS | 31 | 31 | 31 | 32 | 31.3 | 3.2% | 83 | 83 | 82 | 85 | 2.4% |
| Kern | Two-Plan | 1,403 | 1,437 | 1,453 | 1,457 | 1,437.5 | 3.8% | 25 | 24 | 25 | 26 | 3.6% |
| Kings | Two-Plan | 138 | 137 | 138 | 142 | 138.8 | 2.9% | 33 | 34 | 34 | 33 | 0.9% |
| Lake | FFS | 87 | 89 | 93 | 97 | 91.5 | 11.5% | 151 | 148 | 143 | 142 | -6.2% |
| Lassen | FFS | 26 | 30 | 30 | 30 | 29.0 | 15.4% | 148 | 127 | 129 | 132 | -10.6% |
| Los Angeles | Two-Plan | 20,204 | 20,618 | 20,886 | 21,088 | 20,699.0 | 4.4% | 13 | 12 | 14 | 12 | -1.6% |
| Madera | Two-Plan | 229 | 246 | 253 | 254 | 245.5 | 10.9% | 20 | 20 | 21 | 20 | -2.0% |
| Marin | COHS | 512 | 514 | 524 | 531 | 520.3 | 3.7% | 2 | 2 | 3 | 3 | 26.1% |
| Mariposa | FFS | 8 | 8 | 8 | 8 | 8.0 | 0.0% | 273 | 277 | 279 | 285 | 4.4% |
| Mendocino | COHS | 144 | 146 | 150 | 150 | 147.5 | 4.2% | 10 | 10 | 11 | 14 | 33.7% |
| Merced | COHS | 281 | 286 | 287 | 294 | 287.0 | 4.6% | 19 | 18 | 20 | 20 | 8.0% |
| Modoc | FFS | 9 | 9 | 9 | 9 | 9.0 | 0.0% | 165 | 166 | 163 | 170 | 3.3% |
| Mono | FFS | 28 | 30 | 38 | 39 | 33.8 | 39.3% | 38 | 35 | 29 | 32 | -15.7% |
| Monterey | COHS | 582 | 594 | 593 | 602 | 592.8 | 3.4% | 10 | 10 | 12 | 10 | -3.1% |
| Napa | COHS | 228 | 231 | 231 | 235 | 231.3 | 3.1% | 5 | 5 | 6 | 7 | 39.2% |
| Nevada | FFS | 134 | 137 | 136 | 137 | 136.0 | 2.2% | 66 | 65 | 67 | 69 | 5.2% |
| Orange | COHS | 5,402 | 5,500 | 5,558 | 5,591 | 5512.8 | 3.5% | 5 | 5 | 6 | 5 | 0.0% |
| Placer | FFS | 612 | 626 | 642 | 651 | 632.8 | 6.4% | 39 | 38 | 38 | 39 | -0.5% |
| Plumas | FFS | 20 | 20 | 20 | 20 | 20.0 | 0.0% | 119 | 121 | 122 | 124 | 3.9% |
| Riverside | Two-Plan | 2,236 | 2,284 | 2,303 | 2,335 | 2289.5 | 4.4% | 29 | 27 | 28 | 29 | 1.0% |
| Sacramento | GMC | 4,335 | 4,482 | 4,543 | 4,571 | 4,482.8 | 5.4% | 9 | 9 | 9 | 9 | -2.1% |
| San Benito | FFS | 53 | 51 | 50 | 51 | 51.3 | -3.8% | 147 | 154 | 161 | 164 | 11.8% |
| San Bernardino | Two-Plan | 3,346 | 3,422 | 3,466 | 3,508 | 3,435.5 | 4.8% | 25 | 24 | 24 | 24 | -2.8% |
| San Diego | GMC | 6,916 | 7,094 | 7,187 | 7,260 | 7,114.3 | 5.0% | 11 | 10 | 10 | 11 | 0.0% |
| San Francisco | Two-Plan | 4,617 | 4,767 | 4,812 | 4,845 | 4,760.3 | 4.9% | 3 | 3 | 3 | 3 | -3.8% |
| San Joaquin | Two-Plan | 1,195 | 1,212 | 1,222 | 1,238 | 1,216.8 | 3.6% | 17 | 18 | 20 | 18 | 5.2% |

| | | Site-Specific Physician Counts | | | | | | Beneficiaries-to-Provider Ratio | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Percent Change in Ratio |
| San Luis Obispo | COHS | 333 | 336 | 338 | 342 | 337.3 | 2.7% | 8 | 8 | 9 | 9 | 8.5% |
| San Mateo | COHS | 1,662 | 1,684 | 1,714 | 1,734 | 1,698.5 | 4.3% | 4 | 4 | 4 | 6 | 63.2% |
| Santa Barbara | COHS | 695 | 706 | 719 | 728 | 712.0 | 4.7% | 8 | 8 | 10 | 8 | -1.2% |
| Santa Clara | Two-Plan | 5,398 | 5,554 | 5,654 | 5,707 | 5,578.3 | 5.7% | 6 | 6 | 5 | 5 | -7.1% |
| Santa Cruz | COHS | 441 | 451 | 453 | 453 | 449.5 | 2.7% | 7 | 7 | 8 | 7 | 2.9% |
| Shasta | FFS | 372 | 380 | 382 | 383 | 379.3 | 3.0% | 86 | 83 | 83 | 85 | -1.4% |
| Sierra | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% | 351 | 348 | 369 | 364 | 3.7% |
| Siskiyou | FFS | 69 | 69 | 69 | 70 | 69.3 | 1.4% | 120 | 120 | 124 | 125 | 4.8% |
| Solano | COHS | 941 | 951 | 968 | 978 | 959.5 | 3.9% | 6 | 5 | 6 | 5 | -8.8% |
| Sonoma | COHS | 958 | 975 | 988 | 1000 | 980.3 | 4.4% | 6 | 5 | 6 | 6 | 3.6% |
| Stanislaus | Two-Plan | 1,054 | 1,094 | 1,106 | 1,127 | 1,095.3 | 6.9% | 25 | 24 | 29 | 26 | 2.0% |
| Sutter | FFS | 130 | 133 | 138 | 138 | 134.8 | 6.2% | 139 | 135 | 134 | 140 | 1.2% |
| Tehama | FFS | 68 | 69 | 69 | 69 | 68.8 | 1.5% | 198 | 193 | 196 | 202 | 1.8% |
| Trinity | FFS | 9 | 9 | 9 | 9 | 9.0 | 0.0% | 241 | 236 | 234 | 238 | -1.4% |
| Tulare | Two-Plan | 497 | 506 | 512 | 516 | 507.8 | 3.8% | 34 | 33 | 34 | 32 | -7.8% |
| Tuolumne | FFS | 79 | 80 | 81 | 83 | 80.8 | 5.1% | 80 | 79 | 80 | 80 | 0.8% |
| Ventura | COHS | 1,117 | 1,138 | 1,154 | 1,162 | 1,142.8 | 4.0% | 9 | 9 | 10 | 11 | 22.2% |
| Yolo | COHS | 330 | 333 | 341 | 343 | 336.8 | 3.9% | 9 | 9 | 10 | 10 | 13.6% |
| Yuba | FFS | 89 | 90 | 90 | 90 | 89.8 | 1.1% | 182 | 178 | 181 | 186 | 2.0% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.

**Table PS-7. Primary Care Physician Supply, All Enrolled Physicians, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013**

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| **Statewide** | | 28,178 | 28,707 | 29,082 | 29,359 | 28,831.5 | 4.2% |
| **County Plan Model Type** | | | | | | | |
| County Organized Health System (COHS) | | 5,187 | 5,261 | 5,320 | 5,373 | 5,285.3 | 3.6% |
| Fee-for-Service (FFS) | | 1,294 | 1,322 | 1,341 | 1,357 | 1,328.5 | 4.9% |
| Geographic Managed Care (GMC) | | 3,848 | 3,944 | 3,997 | 4,029 | 3,954.5 | 4.7% |
| Two-Plan (Commercial Plan and Local Initiative) | | 17,849 | 18,180 | 18,424 | 18,600 | 18,263.3 | 4.2% |
| **County** | **Plan Type** | | | | | | |
| Alameda | Two-Plan | 1,209 | 1,221 | 1,236 | 1,251 | 1,229.3 | 3.5% |
| Alpine | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Amador | FFS | 29 | 29 | 29 | 29 | 29.0 | 0.0% |
| Butte | FFS | 139 | 138 | 140 | 140 | 139.3 | 0.7% |
| Calaveras | FFS | 18 | 18 | 19 | 19 | 18.5 | 5.6% |
| Colusa | FFS | 16 | 16 | 18 | 18 | 17.0 | 12.5% |
| Contra Costa | Two-Plan | 837 | 853 | 864 | 874 | 857.0 | 4.4% |
| Del Norte | FFS | 12 | 13 | 13 | 13 | 12.8 | 8.3% |
| El Dorado | FFS | 70 | 73 | 74 | 75 | 73.0 | 7.1% |
| Fresno | Two-Plan | 559 | 568 | 574 | 576 | 569.3 | 3.0% |
| Glenn | FFS | 8 | 8 | 8 | 8 | 8.0 | 0.0% |
| Humboldt | FFS | 132 | 136 | 138 | 138 | 136.0 | 4.5% |
| Imperial | FFS | 61 | 64 | 64 | 65 | 63.5 | 6.6% |
| Inyo | FFS | 16 | 16 | 16 | 16 | 16.0 | 0.0% |
| Kern | Two-Plan | 579 | 587 | 592 | 594 | 588.0 | 2.6% |
| Kings | Two-Plan | 64 | 64 | 65 | 64 | 64.3 | 0.0% |
| Lake | FFS | 34 | 34 | 36 | 38 | 35.5 | 11.8% |
| Lassen | FFS | 13 | 17 | 17 | 17 | 16.0 | 30.8% |
| Los Angeles | Two-Plan | 7,869 | 8,003 | 8,103 | 8,176 | 8,037.8 | 3.9% |
| Madera | Two-Plan | 46 | 48 | 48 | 48 | 47.5 | 4.3% |
| Marin | COHS | 209 | 210 | 211 | 216 | 211.5 | 3.3% |
| Mariposa | FFS | 5 | 5 | 5 | 5 | 5.0 | 0.0% |
| Mendocino | COHS | 49 | 49 | 49 | 49 | 49.0 | 0.0% |
| Merced | COHS | 133 | 135 | 136 | 139 | 135.8 | 4.5% |
| Modoc | FFS | 7 | 7 | 7 | 7 | 7.0 | 0.0% |
| Mono | FFS | 6 | 8 | 10 | 11 | 8.8 | 83.3% |

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| Monterey | COHS | 209 | 215 | 214 | 219 | 214.3 | 4.8% |
| Napa | COHS | 74 | 74 | 75 | 76 | 74.8 | 2.7% |
| Nevada | FFS | 57 | 58 | 57 | 58 | 57.5 | 1.8% |
| Orange | COHS | 1,897 | 1,929 | 1,945 | 1,956 | 1,931.8 | 3.1% |
| Placer | FFS | 281 | 285 | 290 | 296 | 288.0 | 5.3% |
| Plumas | FFS | 15 | 15 | 15 | 15 | 15.0 | 0.0% |
| Riverside | Two-Plan | 965 | 980 | 990 | 1,010 | 986.3 | 4.7% |
| Sacramento | GMC | 1,491 | 1,530 | 1,550 | 1,560 | 1,532.8 | 4.6% |
| San Benito | FFS | 21 | 21 | 20 | 21 | 20.8 | 0.0% |
| San Bernardino | Two-Plan | 1,460 | 1,487 | 1,505 | 1,524 | 1,494.0 | 4.4% |
| San Diego | GMC | 2,357 | 2,414 | 2,447 | 2,469 | 2,421.8 | 4.8% |
| San Francisco | Two-Plan | 1,448 | 1,497 | 1,516 | 1,525 | 1,496.5 | 5.3% |
| San Joaquin | Two-Plan | 461 | 472 | 476 | 480 | 472.3 | 4.1% |
| San Luis Obispo | COHS | 103 | 104 | 103 | 105 | 103.8 | 1.9% |
| San Mateo | COHS | 631 | 645 | 656 | 665 | 649.3 | 5.4% |
| Santa Barbara | COHS | 209 | 212 | 214 | 214 | 212.3 | 2.4% |
| Santa Clara | Two-Plan | 1,726 | 1,757 | 1,802 | 1,816 | 1,775.3 | 5.2% |
| Santa Cruz | COHS | 166 | 169 | 169 | 169 | 168.3 | 1.8% |
| Shasta | FFS | 156 | 160 | 160 | 160 | 159.0 | 2.6% |
| Sierra | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Siskiyou | FFS | 35 | 35 | 35 | 36 | 35.3 | 2.9% |
| Solano | COHS | 411 | 412 | 421 | 425 | 417.3 | 3.4% |
| Sonoma | COHS | 413 | 417 | 426 | 433 | 422.3 | 4.8% |
| Stanislaus | Two-Plan | 437 | 450 | 455 | 463 | 451.3 | 5.9% |
| Sutter | FFS | 59 | 60 | 62 | 63 | 61.0 | 6.8% |
| Tehama | FFS | 34 | 35 | 35 | 35 | 34.8 | 2.9% |
| Trinity | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Tulare | Two-Plan | 189 | 193 | 198 | 199 | 194.8 | 5.3% |
| Tuolumne | FFS | 32 | 33 | 34 | 35 | 33.5 | 9.4% |
| Ventura | COHS | 519 | 526 | 533 | 537 | 528.8 | 3.5% |
| Yolo | COHS | 164 | 164 | 168 | 170 | 166.5 | 3.7% |
| Yuba | FFS | 32 | 32 | 33 | 33 | 32.5 | 3.1% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.

**Table PS-8. Physician Supply, Physicians with an OB/GYN Specialty, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013**

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| **Statewide** | | 4,442 | 4,512 | 4,581 | 4,625 | 4,540.0 | 4.1% |
| **County Plan Model Type** | | | | | | | |
| County Organized Health System (COHS) | | 883 | 896 | 904 | 915 | 899.5 | 3.6% |
| Fee-for-Service (FFS) | | 184 | 184 | 192 | 193 | 188.3 | 4.9% |
| Geographic Managed Care (GMC) | | 602 | 617 | 624 | 627 | 617.5 | 4.2% |
| Two-Plan (Commercial Plan and Local Initiative) | | 2,773 | 2,815 | 2,861 | 2,890 | 2,834.8 | 4.2% |
| **County** | **Plan Type** | | | | | | |
| Alameda | Two-Plan | 219 | 221 | 229 | 230 | 224.8 | 5.0% |
| Alpine | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Amador | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Butte | FFS | 28 | 28 | 29 | 29 | 28.5 | 3.6% |
| Calaveras | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Colusa | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Contra Costa | Two-Plan | 98 | 99 | 103 | 106 | 101.5 | 8.2% |
| Del Norte | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| El Dorado | FFS | 11 | 11 | 11 | 12 | 11.3 | 9.1% |
| Fresno | Two-Plan | 93 | 95 | 94 | 96 | 94.5 | 3.2% |
| Glenn | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Humboldt | FFS | 13 | 13 | 13 | 13 | 13.0 | 0.0% |
| Imperial | FFS | 14 | 14 | 16 | 16 | 15.0 | 14.3% |
| Inyo | FFS | 3 | 4 | 3 | 3 | 3.3 | 0.0% |
| Kern | Two-Plan | 89 | 90 | 93 | 90 | 90.5 | 1.1% |
| Kings | Two-Plan | 10 | 10 | 10 | 10 | 10.0 | 0.0% |
| Lake | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Lassen | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Los Angeles | Two-Plan | 1,125 | 1,142 | 1,157 | 1,163 | 1,146.8 | 3.4% |
| Madera | Two-Plan | 12 | 13 | 14 | 14 | 13.3 | 16.7% |
| Marin | COHS | 24 | 24 | 25 | 25 | 24.5 | 4.2% |
| Mariposa | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Mendocino | COHS | 15 | 15 | 16 | 16 | 15.5 | 6.7% |
| Merced | COHS | 18 | 18 | 18 | 18 | 18.0 | 0.0% |
| Modoc | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Mono | FFS | 1 | 1 | 3 | 3 | 2.0 | 200.0% |

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| Monterey | COHS | 56 | 57 | 56 | 58 | 56.8 | 3.6% |
| Napa | COHS | 16 | 16 | 16 | 17 | 16.3 | 6.3% |
| Nevada | FFS | 10 | 10 | 10 | 10 | 10.0 | 0.0% |
| Orange | COHS | 360 | 364 | 368 | 371 | 365.8 | 3.1% |
| Placer | FFS | 44 | 44 | 46 | 46 | 45.0 | 4.5% |
| Plumas | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Riverside | Two-Plan | 146 | 147 | 147 | 150 | 147.5 | 2.7% |
| Sacramento | GMC | 236 | 243 | 244 | 245 | 242.0 | 3.8% |
| San Benito | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| San Bernardino | Two-Plan | 184 | 186 | 190 | 193 | 188.3 | 4.9% |
| San Diego | GMC | 366 | 374 | 380 | 382 | 375.5 | 4.4% |
| San Francisco | Two-Plan | 224 | 232 | 234 | 237 | 231.8 | 5.8% |
| San Joaquin | Two-Plan | 96 | 96 | 97 | 99 | 97.0 | 3.1% |
| San Luis Obispo | COHS | 22 | 22 | 22 | 22 | 22.0 | 0.0% |
| San Mateo | COHS | 86 | 86 | 88 | 88 | 87.0 | 2.3% |
| Santa Barbara | COHS | 50 | 51 | 51 | 52 | 51.0 | 4.0% |
| Santa Clara | Two-Plan | 358 | 364 | 372 | 375 | 367.3 | 4.7% |
| Santa Cruz | COHS | 29 | 30 | 29 | 30 | 29.5 | 3.4% |
| Shasta | FFS | 13 | 13 | 14 | 14 | 13.5 | 7.7% |
| Sierra | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Siskiyou | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Solano | COHS | 59 | 61 | 63 | 63 | 61.5 | 6.8% |
| Sonoma | COHS | 54 | 55 | 55 | 56 | 55.0 | 3.7% |
| Stanislaus | Two-Plan | 63 | 64 | 65 | 67 | 64.8 | 6.3% |
| Sutter | FFS | 11 | 11 | 11 | 11 | 11.0 | 0.0% |
| Tehama | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Trinity | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Tulare | Two-Plan | 56 | 56 | 56 | 60 | 57.0 | 7.1% |
| Tuolumne | FFS | 7 | 6 | 7 | 7 | 6.8 | 0.0% |
| Ventura | COHS | 75 | 78 | 78 | 80 | 77.8 | 6.7% |
| Yolo | COHS | 19 | 19 | 19 | 19 | 19.0 | 0.0% |
| Yuba | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.

**Table PS-9. Physician Supply, Physicians with a Pediatric Specialty, by Plan Model Type and County, Quarter 3, 2012–Quarter 2, 2013**

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| **Statewide** | | 7,846 | 8,023 | 8,109 | 8,192 | 8,042.5 | 4.4% |
| **County Plan Model Type** | | | | | | | |
| County Organized Health System (COHS) | | 1,315 | 1,333 | 1,347 | 1,361 | 1,339.0 | 3.5% |
| Fee-for-Service (FFS) | | 217 | 223 | 231 | 230 | 225.3 | 6.0% |
| Geographic Managed Care (GMC) | | 1,098 | 1,125 | 1,135 | 1,150 | 1,127.0 | 4.7% |
| Two-Plan (Commercial Plan and Local Initiative) | | 5,216 | 5,342 | 5,396 | 5,451 | 5,351.3 | 4.5% |
| **County** | **Plan Type** | | | | | | |
| Alameda | Two-Plan | 538 | 546 | 554 | 560 | 549.5 | 4.1% |
| Alpine | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Amador | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Butte | FFS | 17 | 17 | 17 | 17 | 17.0 | 0.0% |
| Calaveras | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Colusa | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Contra Costa | Two-Plan | 158 | 160 | 160 | 160 | 159.5 | 1.3% |
| Del Norte | FFS | 5 | 5 | 5 | 5 | 5.0 | 0.0% |
| El Dorado | FFS | 12 | 12 | 13 | 13 | 12.5 | 8.3% |
| Fresno | Two-Plan | 139 | 140 | 143 | 143 | 141.3 | 2.9% |
| Glenn | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Humboldt | FFS | 12 | 13 | 13 | 12 | 12.5 | 0.0% |
| Imperial | FFS | 12 | 12 | 12 | 12 | 12.0 | 0.0% |
| Inyo | FFS | 3 | 3 | 3 | 4 | 3.3 | 33.3% |
| Kern | Two-Plan | 121 | 125 | 124 | 126 | 124.0 | 4.1% |
| Kings | Two-Plan | 9 | 9 | 9 | 10 | 9.3 | 11.1% |
| Lake | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Lassen | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Los Angeles | Two-Plan | 2,040 | 2,096 | 2,117 | 2,141 | 2,098.5 | 5.0% |
| Madera | Two-Plan | 124 | 136 | 141 | 142 | 135.8 | 14.5% |
| Marin | COHS | 44 | 44 | 44 | 44 | 44.0 | 0.0% |
| Mariposa | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Mendocino | COHS | 9 | 10 | 11 | 11 | 10.3 | 22.2% |
| Merced | COHS | 18 | 18 | 18 | 19 | 18.3 | 5.6% |
| Modoc | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Mono | FFS | 3 | 3 | 5 | 5 | 4.0 | 66.7% |

| | | Site-Specific Physician Counts | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Providers | Percent Change In Number of Providers |
| Monterey | COHS | 65 | 65 | 65 | 65 | 65.0 | 0.0% |
| Napa | COHS | 18 | 18 | 18 | 18 | 18.0 | 0.0% |
| Nevada | FFS | 10 | 10 | 10 | 10 | 10.0 | 0.0% |
| Orange | COHS | 630 | 642 | 648 | 656 | 644.0 | 4.1% |
| Placer | FFS | 82 | 86 | 91 | 91 | 87.5 | 11.0% |
| Plumas | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Riverside | Two-Plan | 182 | 183 | 183 | 182 | 182.5 | 0.0% |
| Sacramento | GMC | 397 | 409 | 413 | 417 | 409.0 | 5.0% |
| San Benito | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| San Bernardino | Two-Plan | 374 | 386 | 386 | 391 | 384.3 | 4.5% |
| San Diego | GMC | 701 | 716 | 722 | 733 | 718.0 | 4.6% |
| San Francisco | Two-Plan | 491 | 500 | 505 | 509 | 501.3 | 3.7% |
| San Joaquin | Two-Plan | 108 | 107 | 109 | 109 | 108.3 | 0.9% |
| San Luis Obispo | COHS | 31 | 31 | 31 | 31 | 31.0 | 0.0% |
| San Mateo | COHS | 147 | 148 | 153 | 156 | 151.0 | 6.1% |
| Santa Barbara | COHS | 65 | 66 | 68 | 68 | 66.8 | 4.6% |
| Santa Clara | Two-Plan | 799 | 818 | 828 | 838 | 820.8 | 4.9% |
| Santa Cruz | COHS | 34 | 34 | 34 | 34 | 34.0 | 0.0% |
| Shasta | FFS | 18 | 18 | 18 | 18 | 18.0 | 0.0% |
| Sierra | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Siskiyou | FFS | 2 | 2 | 2 | 1 | 1.8 | -50.0% |
| Solano | COHS | 81 | 81 | 81 | 81 | 81.0 | 0.0% |
| Sonoma | COHS | 60 | 61 | 61 | 63 | 61.3 | 5.0% |
| Stanislaus | Two-Plan | 68 | 69 | 69 | 72 | 69.5 | 5.9% |
| Sutter | FFS | 12 | 12 | 12 | 12 | 12.0 | 0.0% |
| Tehama | FFS | 7 | 8 | 8 | 8 | 7.8 | 14.3% |
| Trinity | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Tulare | Two-Plan | 65 | 67 | 68 | 68 | 67.0 | 4.6% |
| Tuolumne | FFS | 6 | 6 | 6 | 6 | 6.0 | 0.0% |
| Ventura | COHS | 82 | 84 | 83 | 83 | 83.0 | 1.2% |
| Yolo | COHS | 31 | 31 | 32 | 32 | 31.5 | 3.2% |
| Yuba | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.

**Table PS-10. Rural/FQHC Clinics, Quarter 3, 2012–Quarter 2, 2013**

| | | Number of Rural/FQHC Clinics | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Clinics | Percent Change In Number of Clinics |
| **Statewide** | | 418 | 412 | 406 | 410 | 411.5 | -1.9% |
| **County Plan Model Type** | | | | | | | |
| County Organized Health System (COHS) | | 85 | 88 | 84 | 85 | 85.5 | 0.0% |
| Fee-for-Service (FFS) | | 81 | 81 | 82 | 82 | 81.5 | 1.2% |
| Geographic Managed Care (GMC) | | 19 | 18 | 16 | 17 | 17.5 | -10.5% |
| Two-Plan (Commercial Plan and Local Initiative) | | 233 | 225 | 224 | 226 | 227.0 | -3.0% |
| **County** | **Plan Type** | | | | | | |
| Alameda | Two-Plan | 20 | 20 | 20 | 19 | 19.8 | -5.0% |
| Alpine | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Amador | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Butte | FFS | 10 | 10 | 11 | 11 | 10.5 | 10.0% |
| Calaveras | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Colusa | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Contra Costa | Two-Plan | 14 | 12 | 13 | 12 | 12.8 | -14.3% |
| Del Norte | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| El Dorado | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Fresno | Two-Plan | 35 | 28 | 29 | 29 | 30.3 | -17.1% |
| Glenn | FFS | 7 | 7 | 7 | 7 | 7.0 | 0.0% |
| Humboldt | FFS | 12 | 12 | 12 | 12 | 12.0 | 0.0% |
| Imperial | FFS | 5 | 5 | 5 | 5 | 5.0 | 0.0% |
| Inyo | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Kern | Two-Plan | 10 | 9 | 10 | 9 | 9.5 | -10.0% |
| Kings | Two-Plan | 5 | 5 | 5 | 6 | 5.3 | 20.0% |
| Lake | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Lassen | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Los Angeles | Two-Plan | 59 | 60 | 58 | 59 | 59.0 | 0.0% |
| Madera | Two-Plan | 5 | 5 | 5 | 6 | 5.3 | 20.0% |
| Marin | COHS | 3 | 2 | 1 | 1 | 1.8 | -66.7% |
| Mariposa | FFS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Mendocino | COHS | 9 | 9 | 9 | 8 | 8.8 | -11.1% |
| Merced | COHS | 14 | 13 | 13 | 13 | 13.3 | -7.1% |
| Modoc | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Mono | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Monterey | COHS | 9 | 8 | 9 | 9 | 8.8 | 0.0% |

| | | Number of Rural/FQHC Clinics | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Clinics | Percent Change In Number of Clinics |
| Napa | COHS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Nevada | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Orange | COHS | 3 | 5 | 4 | 4 | 4.0 | 33.3% |
| Placer | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Plumas | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Riverside | Two-Plan | 7 | 7 | 7 | 10 | 7.8 | 42.9% |
| Sacramento | GMC | 6 | 5 | 4 | 4 | 4.8 | -33.3% |
| San Benito | FFS | 0 | 1 | 1 | 0 | 0.5 | 0.0% |
| San Bernardino | Two-Plan | 9 | 9 | 9 | 8 | 8.8 | -11.1% |
| San Diego | GMC | 13 | 13 | 12 | 13 | 12.8 | 0.0% |
| San Francisco | Two-Plan | 22 | 22 | 22 | 22 | 22.0 | 0.0% |
| San Joaquin | Two-Plan | 5 | 5 | 4 | 5 | 4.8 | 0.0% |
| San Luis Obispo | COHS | 2 | 1 | 1 | 2 | 1.5 | 0.0% |
| San Mateo | COHS | 11 | 11 | 11 | 11 | 11.0 | 0.0% |
| Santa Barbara | COHS | 9 | 10 | 10 | 10 | 9.8 | 11.1% |
| Santa Clara | Two-Plan | 11 | 13 | 12 | 12 | 12.0 | 9.1% |
| Santa Cruz | COHS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Shasta | FFS | 5 | 5 | 5 | 5 | 5.0 | 0.0% |
| Sierra | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Siskiyou | FFS | 4 | 3 | 3 | 3 | 3.3 | -25.0% |
| Solano | COHS | 5 | 6 | 5 | 6 | 5.5 | 20.0% |
| Sonoma | COHS | 10 | 10 | 8 | 8 | 9.0 | -20.0% |
| Stanislaus | Two-Plan | 14 | 14 | 14 | 14 | 14.0 | 0.0% |
| Sutter | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Tehama | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Trinity | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Tulare | Two-Plan | 17 | 16 | 16 | 15 | 16.0 | -11.8% |
| Tuolumne | FFS | 2 | 2 | 2 | 3 | 2.3 | 50.0% |
| Ventura | COHS | 3 | 6 | 6 | 6 | 5.3 | 100.0% |
| Yolo | COHS | 4 | 4 | 4 | 4 | 4.0 | 0.0% |
| Yuba | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.

**Table PS-11. Other Clinics, Quarter 3, 2012–Quarter 2, 2013**

| | | Number of Other Clinics | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Clinics | Percent Change In Number of Clinics |
| **Statewide** | | 972 | 1,009 | 1,037 | 1,052 | 1,017.5 | 8.2% |
| **County Plan Model Type** | | | | | | | |
| County Organized Health System (COHS) | | 238 | 249 | 256 | 254 | 249.3 | 6.7% |
| Fee-for-Service (FFS) | | 112 | 116 | 121 | 122 | 117.8 | 8.9% |
| Geographic Managed Care (GMC) | | 120 | 124 | 125 | 130 | 124.8 | 8.3% |
| Two-Plan (Commercial Plan and Local Initiative) | | 502 | 520 | 535 | 546 | 525.8 | 8.8% |
| **County** | **Plan Type** | | | | | | |
| Alameda | Two-Plan | 36 | 37 | 38 | 40 | 37.8 | 11.1% |
| Alpine | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Amador | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Butte | FFS | 13 | 13 | 14 | 14 | 13.5 | 7.7% |
| Calaveras | FFS | 2 | 3 | 3 | 3 | 2.8 | 50.0% |
| Colusa | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Contra Costa | Two-Plan | 19 | 19 | 19 | 19 | 19.0 | 0.0% |
| Del Norte | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| El Dorado | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Fresno | Two-Plan | 26 | 27 | 26 | 27 | 26.5 | 3.8% |
| Glenn | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Humboldt | FFS | 10 | 10 | 10 | 10 | 10.0 | 0.0% |
| Imperial | FFS | 5 | 5 | 6 | 6 | 5.5 | 20.0% |
| Inyo | FFS | 1 | 1 | 1 | 1 | 1.0 | 0.0% |
| Kern | Two-Plan | 26 | 26 | 29 | 31 | 28.0 | 19.2% |
| Kings | Two-Plan | 11 | 11 | 10 | 10 | 10.5 | -9.1% |
| Lake | FFS | 6 | 6 | 6 | 6 | 6.0 | 0.0% |
| Lassen | FFS | 1 | 2 | 2 | 2 | 1.8 | 100.0% |
| Los Angeles | Two-Plan | 215 | 225 | 233 | 239 | 228.0 | 11.2% |
| Madera | Two-Plan | 8 | 10 | 10 | 9 | 9.3 | 12.5% |
| Marin | COHS | 14 | 14 | 14 | 14 | 14.0 | 0.0% |
| Mariposa | FFS | 1 | 1 | 2 | 2 | 1.5 | 100.0% |
| Mendocino | COHS | 4 | 4 | 5 | 5 | 4.5 | 25.0% |
| Merced | COHS | 7 | 8 | 9 | 9 | 8.3 | 28.6% |
| Modoc | FFS | 1 | 2 | 2 | 2 | 1.8 | 100.0% |
| Mono | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Monterey | COHS | 17 | 19 | 18 | 18 | 18.0 | 5.9% |
| Napa | COHS | 12 | 12 | 13 | 13 | 12.5 | 8.3% |
| Nevada | FFS | 6 | 6 | 6 | 6 | 6.0 | 0.0% |

| | | Number of Other Clinics | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2012 Quarter 3 | 2012 Quarter 4 | 2013 Quarter 1 | 2013 Quarter 2 | Average Number of Clinics | Percent Change In Number of Clinics |
| Orange | COHS | 70 | 74 | 78 | 79 | 75.3 | 12.9% |
| Placer | FFS | 10 | 11 | 11 | 12 | 11.0 | 20.0% |
| Plumas | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Riverside | Two-Plan | 28 | 30 | 31 | 28 | 29.3 | 0.0% |
| Sacramento | GMC | 56 | 59 | 59 | 59 | 58.3 | 5.4% |
| San Benito | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| San Bernardino | Two-Plan | 30 | 30 | 30 | 31 | 30.3 | 3.3% |
| San Diego | GMC | 64 | 65 | 66 | 71 | 66.5 | 10.9% |
| San Francisco | Two-Plan | 30 | 29 | 31 | 33 | 30.8 | 10.0% |
| San Joaquin | Two-Plan | 21 | 21 | 22 | 22 | 21.5 | 4.8% |
| San Luis Obispo | COHS | 13 | 14 | 14 | 14 | 13.8 | 7.7% |
| San Mateo | COHS | 18 | 18 | 18 | 18 | 18.0 | 0.0% |
| Santa Barbara | COHS | 17 | 21 | 22 | 22 | 20.5 | 29.4% |
| Santa Clara | Two-Plan | 30 | 32 | 32 | 32 | 31.5 | 6.7% |
| Santa Cruz | COHS | 11 | 11 | 11 | 10 | 10.8 | -9.1% |
| Shasta | FFS | 13 | 13 | 13 | 13 | 13.0 | 0.0% |
| Sierra | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |
| Siskiyou | FFS | 3 | 3 | 3 | 3 | 3.0 | 0.0% |
| Solano | COHS | 12 | 12 | 12 | 11 | 11.8 | -8.3% |
| Sonoma | COHS | 19 | 19 | 19 | 19 | 19.0 | 0.0% |
| Stanislaus | Two-Plan | 11 | 11 | 11 | 12 | 11.3 | 9.1% |
| Sutter | FFS | 9 | 9 | 9 | 9 | 9.0 | 0.0% |
| Tehama | FFS | 4 | 4 | 5 | 5 | 4.5 | 25.0% |
| Trinity | FFS | 0 | 0 | 0 | 0 | 0 | 0.0% |
| Tulare | Two-Plan | 11 | 12 | 13 | 13 | 12.3 | 18.2% |
| Tuolumne | FFS | 6 | 6 | 7 | 7 | 6.5 | 16.7% |
| Ventura | COHS | 22 | 20 | 20 | 19 | 20.3 | -13.6% |
| Yolo | COHS | 2 | 3 | 3 | 3 | 2.8 | 50.0% |
| Yuba | FFS | 2 | 2 | 2 | 2 | 2.0 | 0.0% |

Source: Prepared by DHCS Research and Analytic Studies Division using data from the Medi-Cal Provider Master File for July 2012, October 2012, January 2013, and April 2013.