Economic impacts generated by national security spending are detailed in factbooks for the eleven regions described in the counties supplement. The full California Statewide National Security Economic Impacts, 2021 Counties Supplement is available on the Governor’s Military Council website at militarycouncil.ca.gov.
Northern Region

Butte | Colusa | Del Norte | Glenn | Humboldt
Lassen | Mendocino | Modoc | Plumas
Shasta | Sierra | Siskiyou | Tehama | Trinity

2.2% of state population

25.1% of state land area

Home to

Eureka Port of Entry
Sierra Army Depot
US Coast Guard Sector/Station Humboldt Bay
US Coast Guard Station Noyo River
9 VA facilities

California National Security Economic Impacts County Impacts, 2021 Study
Regional Results

**FY 2020 Direct Activity**

### Direct Spending

- **$425.7 million** of direct spending
- **Northern Region**
  - Shasta: $112.7M
  - Humboldt: $61.6M
  - Butte: $89.9M
  - Others: $161.5M

### Employment

- **2,500** national security employees (10th of 11 regions)
- **290** employees per 100k residents
  - Northern Region: 4,900

**Northern Region Spending per 100k residents (in millions):**

- Plumas: $74.5M
- Shasta: $63.4M
- Lassen: $62.5M
- Siskiyou: $51.5M
- Del Norte: $50.5M
- Modoc: $47.7M
- Humboldt: $46.4M
- Trinity: $44.2M
- Butte: $43.6M
- Mendocino: $42.2M
- Glenn: $39.5M
- Tehama: $39.4M
- Colusa: $36.5M
- Sierra: $29.8M

**Military Personnel and Civilian Personnel by Region:**
Economic Impacts

Total Output

$940 million total economic output 10th of 11 regions

- Lassen: $289.2M
- Shasta: $176.2M
- Butte: $166.6M
- Humboldt: $96.5M
- Mendocino: $66.9M
- Tehama: $45.6M
- Glenn: $23.4M
- Siskiyou: $21.6M
- Colusa: $21.5M
- Plumas: $17.5M
- Del Norte: $9.9M
- Trinity: $4.0M
- Modoc: $2.9M
- Sierra: $0.6M

$108.9 million total economic output per 100k residents (in millions)

FTE Employment

6,100 FTEs supported 10th of 11 regions

- Lassen: 1,800
- Shasta: 1,200
- Butte: 1,100
- Humboldt: 620
- Mendocino: 470
- Tehama: 320
- Siskiyou: 160
- Glenn: 140
- Colusa: 100
- Del Norte: 70
- Plumas: 70
- Trinity: 30
- Modoc: 20
- Sierra: 4

1.8% of regional employment

California National Security Economic Impacts
County Impacts, 2021 Study
Northern Region

Butte | Colusa | Del Norte | Glenn | Humboldt
Lassen | Mendocino | Modoc | Plumas
Shasta | Sierra | Siskiyou | Tehama | Trinity

2.2% of state population

25.1% of state land area

Output by Industry

Government Revenue

$130 million total government revenue

10th of 11 regions

Regional Results
Sacramento Region

Alpine | El Dorado | Nevada | Placer
Sacramento | Sutter | Yolo | Yuba

6.7% of state population
5.1% of state land area

Home to
Beale Air Force Base
Defense Microelectronics Agency
US Coast Guard Air Station Lake Tahoe
US Coast Guard Air Station Sacramento

8 VA facilities
FY 2020 Direct Activity

Direct Spending

$8.0 billion of direct spending

Sacramento Region

3rd of 11 regions

Sacramento: $7,088.2M

Others $884.8M

Yolo: $343.8M
Placer: $277.6M
El Dorado: $91.6M
Yuba: $69.8M
Sutter: $52.2M
Nevada: $49.6M
Alpine: $0.3M

$300.6 million spending per 100k residents (in millions)

Sacramento: $453.7
Yolo: $155.0
Yuba: $88.3
Placer: $69.8
Sutter: $51.6
Nevada: $50.9
El Dorado: $47.7
Alpine: $24.7

Employment

12,400 national security employees 6th of 11 regions

Sacramento Region

Military Personnel
Civilian Personnel

Regional Results
California Research Bureau
California State Library
**Economic Impacts**

**Sacramento Region**

**Total Output**

$12.8 billion total economic output

<table>
<thead>
<tr>
<th>Region</th>
<th>Direct</th>
<th>Indirect</th>
<th>Induced</th>
<th>Total</th>
</tr>
</thead>
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<td>$10.2B</td>
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<tr>
<td>Placer</td>
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<td>$0.7B</td>
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<td>$0.2B</td>
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<tr>
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<td>$0.2B</td>
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<tr>
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<tr>
<td>Alpine</td>
<td>$0.0B</td>
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</table>

$483.2 million total economic output per 100k residents (in millions)

**FTE Employment**

54,300 FTEs supported

<table>
<thead>
<tr>
<th>Region</th>
<th>Direct</th>
<th>Indirect</th>
<th>Induced</th>
<th>Total</th>
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<tr>
<td>Yuba</td>
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<td>2,500</td>
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<td>2,500</td>
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<td>Sutter</td>
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<td>El Dorado</td>
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<td>1,600</td>
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<tr>
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<tr>
<td>Alpine</td>
<td>2</td>
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</tr>
</tbody>
</table>

4.9% of regional employment

California National Security Economic Impacts County Impacts, 2021 Study
Sacramento Region

Alpine  |  El Dorado  |  Nevada  |  Placer  
Sacramento  |  Sutter  |  Yolo  |  Yuba

6.7%  
of state population

5.1%  
of state land area

Output by Industry

Government Revenue

$1.4 billion  
total government revenue

5th  
of 11 regions

Federal  |  State  |  Local

Sacramento  |  $1,101.0M  |  $102.3M  |  $76.7M

Placer  |  $52.2M  |  $29.2M  |  $24.6M

Yuba  |  $13.5M  |  $1,101.0M  |  $0.04M

Regional Results  
California Research Bureau  
California State Library
North Bay Region
Lake | Marin | Napa
Solano | Sonoma

3.5% of state population
3.2% of state land area

Home to
Travis Air Force Base
US Coast Guard Station Bodega Bay
US Coast Guard Station Rio Vista
US Coast Guard Station Vallejo
US Coast Guard Training Center Petaluma
6 VA facilities
Direct Spending

$1.0 billion of direct spending

North Bay Region

$75.2 million spending per 100k residents (in millions)

Sonoma
Sonoma
Marin
Napa
Lake
Solano

Regional Results

Employment

10,400 national security employees

750 employees per 100k residents

Military Personnel
Civilian Personnel

North Bay Region
Economic Impacts

Total Output

$3.7 billion total economic output 9th of 11 regions

- Solano: $2,340.4M
- Sonoma: $642.5M
- Marin: $550.1M
- Napa: $142.8M
- Lake: $49.7M

$267.5 million total economic output per 100k residents (in millions)

- Lake: $77.9
- Napa: $103.0
- Sonoma: $130.8
- Marin: $212.4
- Solano: $531.7

FTE Employment

19,700 FTEs 9th of 11 regions

- Solano: 11,800
- Sonoma: 3,900
- Marin: 2,900
- Napa: 850
- Lake: 330

3.2% of regional employment

- Lake: 1.3%
- Napa: 1.4%
- Sonoma: 1.7%
- Marin: 2.4%
- Solano: 6.4%
North Bay Region
Lake | Marin | Napa | Solano | Sonoma

3.5% of state population
3.2% of state land area

Output by Industry

Government Revenue

Total government revenue: $480 million
9th of 11 regions

Regional Results | California Research Bureau | California State Library
San Francisco Bay Region

Alameda | Contra Costa | San Francisco

9.4% of state population
1.0% of state land area

Home to
Lawrence Livermore National Laboratory
Military Ocean Terminal Concord
Parks Reserve Forces Training Area
Sandia National Laboratories
US Coast Guard Eleventh District
US Coast Guard Pacific Area Headquarters
US Coast Guard Station/Sector San Francisco
14 VA facilities

California National Security Economic Impacts
County Impacts, 2021 Study
## FY 2020 Direct Activity

### Direct Spending

- **$1.8 billion** of direct spending
- **7th** of 11 regions
- San Francisco: $378.2M
- Contra Costa: $558.9M
- Alameda: $835.0M

### Regional Results

- **$47.6 million** spending per 100k residents (in millions)
  - Alameda: $49.9
  - Contra Costa: $48.6
  - San Francisco: $42.0

### Employment

- **11,600** national security employees
- **7th** of 11 regions

**Military Personnel**
- Contra Costa: 2,000
- Alameda: 4,300
- San Francisco: 5,300

**Civilian Personnel**
- Contra Costa: 170
- Alameda: 260
- San Francisco: 590

### Regional Results

- **310 employees** per 100k residents
- SF Bay Region
**Economic Impacts**

**Total Output**

$9.3 billion total economic output 8th of 11 regions

- **Contra Costa**: $2.3B
- **San Francisco**: $3.4B
- **Alameda**: $3.5B

$249.5 million total economic output per 100k residents (in millions)

- **Contra Costa**: $204.0
- **Alameda**: $209.8
- **San Francisco**: $381.6

**FTE Employment**

40,500 FTEs supported 7th of 11 regions

- **Contra Costa**: 12,700
- **San Francisco**: 17,000
- **Alameda**: 10,900

2.3% of regional employment
San Francisco Bay Region

Alameda | Contra Costa | San Francisco

9.4% of state population
1.0% of state land area

Output by Industry

Government
Restaurants
Wholesale
Retail
Insurance
Transportation & Warehousing
Healthcare
Financial
Real Estate
Professional Services

Government Revenue

$1.1 billion total government revenue
8th of 11 regions

Federal
State
Local

Alameda
San Francisco
Contra Costa

$428.0M
$395.0M
$281.0M

Regional Results
Silicon Valley Region

San Mateo | Santa Clara

6.9% of state population
1.1% of state land area

Home to
Defense Innovation Unit
Moffett Field
USAR 63D Readiness Division
6 VA facilities
FY 2020 Direct Activity

Direct Spending

$4.5 billion of direct spending

- San Mateo: $1.1B
- Santa Clara: $3.4B

5th of 11 regions

$166.0 million spending per 100k residents (in millions)

- Santa Clara: $173.9
- San Mateo: $146.0

Employment

9,400 national security employees of 11 regions

- Silicon Valley Region: 6,800
- San Mateo: 2,700
- Santa Clara: 6,800

350 employees per 100k residents

- Silicon Valley Region: 340
- San Mateo: 350
- Santa Clara: 350

Regional Results
**Economic Impacts**

### Total Output

- **Silicon Valley Region**
  - Total output: $10.7 billion
  - 6th of 11 regions

- **San Mateo**
  - Direct: $3.1B
  - Indirect: $25.9M

- **Santa Clara**
  - Direct: $7.7B
  - Indirect: $25.9M

- **San Mateo**
  - Total economic output per 100k residents: $390.2M
  - Total economic output per 100k residents: $395.9M

### FTE Employment

- **Silicon Valley Region**
  - Supported: 38,000 FTEs
  - 8th of 11 regions

- **San Mateo**
  - Direct: 12,100
  - Indirect: 25,900

- **Santa Clara**
  - Direct: 25,900
  - Indirect: 25,900

- **San Mateo**
  - 2.8% of regional employment

- **Santa Clara**
  - 2.7% of regional employment

---

**California National Security Economic Impacts**

**County Impacts, 2021 Study**
Silicon Valley Region

San Mateo | Santa Clara

6.9% of state population
1.1% of state land area

Output by Industry

Government Revenue

$1.2 billion total government revenue
7th of 11 regions

Regional Results
Valley Region

Fresno | Kern | Kings | Madera
Merced | San Joaquin | Stanislaus | Tulare

10.9% of state population
17.5% of state land area

Home to
Defense Distribution Depot San Joaquin
Edwards Air Force Base
Naval Air Station Lemoore
Naval Air Weapons Station China Lake
14 VA facilities
FY 2020 Direct Activity

Direct Spending

$1.6 billion of direct spending

8th of 11 regions

- Fresno: $333.9M
- San Joaquin: $366.3M
- Kern: $395.6M
- Others: $517.0M

Regional Results

- Stanislaus: $187.6M
- Tulare: $131.9M
- Kings: $76.2M
- Merced: $66.6M
- Madera: $54.7M
- Kern: $27.4M
- San Joaquin: $13.7M
- Stanislaus: $34.5M
- Fresno: $32.5M
- Madera: $23.4M
- Tulare: $23.4M
- Merced: $23.4M

37.1 million spending per 100k residents (in millions)

Employment

26,500 national security employees

5th of 11 regions

- Military Personnel
- Civilian Personnel

Regional Results

- Stanislaus: 70
- Merced: 90
- Tulare: 120
- Madera: 130
- San Joaquin: 270
- Fresno: 300
- Kern: 1,300
- Kings: 5,400

California Research Bureau
California State Library
Economic Impacts

Total Output

$9.6 billion total economic output of 11 regions

$220.1 million total economic output per 100k residents (in millions)

Valley Region

Kern
San Joaquin
Kings
Fresno
Stanislaus
Tulare
Merced
Madera

Direct
Indirect
Induced

$3.6B $1.9B $1.9B $1.1B $0.5B $0.3B $0.2B $0.1B

FTE Employment

54,500 FTEs supported of 11 regions

3.4% of regional employment

Valley Region

Kern
San Joaquin
Kings
Fresno
Stanislaus
Tulare
Merced
Madera

Direct
Indirect
Induced

20,300 12,000 8,700 7,300 2,700 1,900 990 630

California National Security Economic Impacts
County Impacts, 2021 Study
Valley Region

Fresno | Kern | Kings | Madera
Merced | San Joaquin | Stanislaus | Tulare

10.9% of state population 17.5% of state land area

Output by Industry

Government Revenue

Federal $563.0M
State $274.2M
Local $220.1M

Total government revenue $1.4 billion
6th of 11 regions

Regional Results California Research Bureau California State Library
## Mountain Region

Amador | Calaveras | Inyo
Mariposa | Mono | Tuolumne

<table>
<thead>
<tr>
<th></th>
<th>of state population</th>
<th>of state land area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amador</td>
<td>0.5%</td>
<td>11.9%</td>
</tr>
</tbody>
</table>

Home to

Marine Corps Mountain Warfare Training Center Bridgeport
1 VA facility
**Direct Spending**

**$95.3 million**

- **Tuolumne**: $34.8M
- **Amador**: $20.4M
- **Calaveras**: $23.1M
- **Mariposa**: $7.9M
- **Inyo**: $6.9M
- **Mono**: $2.2M

11th of 11 regions

**Regional Results**

$51.8 million spending per 100k residents (in millions)

- **Tuolumne**: $66.5
- **Amador**: $54.3
- **Calaveras**: $52.1
- **Mariposa**: $44.4
- **Inyo**: $37.4
- **Mono**: $16.5

**Employment**

- **420 national security employees**

11th of 11 regions

- **Military Personnel**
  - Inyo: 0
  - Mariposa: 0
  - Tuolumne: 20
  - Calaveras: 70
  - Amador: 110
  - Mono: 220

- **Civilian Personnel**
  - Inyo: 0
  - Mariposa: 0
  - Tuolumne: 40
  - Calaveras: 170
  - Amador: 290
  - Mono: 1,600
Economic Impacts

**Total Output**

$160 million **11th**
total economic output of 11 regions

- **Mono**: $45.1M
- **Tuolumne**: $43.4M
- **Amador**: $31.1M
- **Calaveras**: $29.4M
- **Mariposa**: $6.8M
- **Inyo**: $6.2M

**Induced**

- **Mono**: $3.4M
- **Tuolumne**: $5.1M

$88.1 million total economic output per 100k residents (in millions)

- **Inyo**: $33.9M
- **Mariposa**: $38.3M
- **Calaveras**: $66.4M
- **Amador**: $82.7M
- **Tuolumne**: $82.8M
- **Mono**: $335.4M

**FTE Employment**

1,100 **FTEs** **11th**
supported of 11 regions

- **Tuolumne**: 280
- **Mono**: 250
- **Amador**: 230
- **Calaveras**: 230
- **Mariposa**: 50
- **Inyo**: 40

1.5% of regional employment

- **Inyo**: 0.5%
- **Mariposa**: 0.7%
- **Calaveras**: 1.2%
- **Tuolumne**: 1.5%
- **Amador**: 1.8%
- **Mono**: 3.6%
Mountain Region

Amador | Calaveras | Inyo | Mariposa | Mono | Tuolumne

0.5% of state population 11.9% of state land area

Output by Industry

Government
- Tuolumne
- Mono
- Mariposa
- Inyo
- Calaveras
- Amador

Restaurants
- Tuolumne
- Mono
- Mariposa
- Inyo
- Calaveras
- Amador

Healthcare
- Tuolumne
- Mono
- Mariposa
- Inyo
- Calaveras
- Amador

Retail
- Tuolumne
- Mono
- Mariposa
- Inyo
- Calaveras
- Amador

Real Estate
- Tuolumne
- Mono
- Mariposa
- Inyo
- Calaveras
- Amador

Government Revenue

Federal
- $6.0M
  - Mono

State
- $5.7M
  - Tuolumne

Local
- $4.1M
  - Calaveras

- $3.3M
  - Amador

- $1.0M
  - Inyo

- $0.9M
  - Mariposa

$21.0 million total government revenue 11th of 11 regions
Coastal Region

Monterey | San Benito | San Luis Obispo
Santa Barbara | Santa Cruz | Ventura

5.9% of state population
8.4% of state land area

Home to
Camp Roberts
Camp San Luis Obispo
Fort Hunter Liggett
Monterey Presidio
Naval Base Ventura County
Naval Support Activity Monterey
US Coast Guard Station Channel Islands
US Coast Guard Station Morro Bay
Vandenberg Space Force Base
7 VA facilities
**FY 2020 Direct Activity**

### Direct Spending

- **$1.8 billion** of direct spending
- **6th** of 11 regions

- Ventura: $812.6M
- Santa Cruz: $77.9M
- San Benito: $64.7M
- Monterey: $165.9M
- Santa Barbara: $508.5M
- San Luis Obispo: $157.9M

### Employment

- **33,500** national security employees
- **3rd** of 11 regions

- Ventura: 11,600
- Santa Cruz: 4,600
- San Benito: 3,200
- San Luis Obispo: 3,000
- Santa Barbara: 2,900
- Monterey: 3,100

### Regional Results

- **$76.3 million** spending per 100k residents (in millions)

- Santa Barbara: $112.7
- San Benito: $103.1
- Ventura: $96.6
- San Luis Obispo: $57.2
- Monterey: $37.6
- Santa Cruz: $28.9

- **Coastal Region**

- Military Personnel
- Civilian Personnel

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<thead>
<tr>
<th>Region</th>
<th>Military Personnel</th>
<th>Civilian Personnel</th>
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<tbody>
<tr>
<td>San Benito</td>
<td>90</td>
<td>320</td>
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<tr>
<td>Santa Cruz</td>
<td>320</td>
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<tr>
<td>San Luis Obispo</td>
<td>1,000</td>
<td>1,100</td>
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<tr>
<td>Santa Barbara</td>
<td>1,100</td>
<td>1,400</td>
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<tr>
<td>Monterey</td>
<td>1,000</td>
<td>3,100</td>
</tr>
</tbody>
</table>
Economic Impacts

Total Output

$11.1 billion total economic output of 11 regions

- Ventura: $4.6B
- Monterey: $3.7B
- Santa Barbara: $1.9B
- San Luis Obispo: $0.6B
- Santa Cruz: $0.3B
- San Benito: $0.1B

Coastal Region $475.4 million total economic output per 100k residents (in millions)

- Ventura: $837.4
- Monterey: $544.4
- Santa Barbara: $417.9
- San Luis Obispo: $219.9
- Santa Cruz: $167.5
- San Benito: $98.1

FTE Employment

57,900 FTEs supported of 11 regions

- Ventura: 23,800
- Monterey: 17,500
- Santa Barbara: 9,900
- San Luis Obispo: 4,400
- Santa Cruz: 1,800
- San Benito: 500

Coastal Region 5.6% of regional employment
Coastal Region

Monterey | San Benito | San Luis Obispo
Santa Barbara | Santa Cruz | Ventura

5.9% of state population
8.4% of state land area

Output by Industry

Government Revenue

$1.5 billion total government revenue 4th of 11 regions

Regional Results
California Research Bureau
California State Library
Southern California

Los Angeles | San Diego
Imperial | Orange | Riverside | San Bernardino

54.1% of state population
Los Angeles: 25.6%
San Diego: 8.4%
Other So.: 20.1%

26.7% of state land area
Los Angeles: 3.0%
San Diego: 3.0%
Other So.: 20.7%

Home to

Los Angeles County
Aerospace Corporation
Jet Propulsion Laboratory
Los Angeles Air Force Base
RAND Corporation
US Coast Guard Station/Sector Los Angeles/Long Beach
16 VA facilities

San Diego County
Marine Corps Air Station Miramar
Marine Corps Base Camp Pendleton
Marine Corps Recruit Depot San Diego
Naval Weapons Station Seal Beach
Detachment Fallbrook
Naval Base Coronado
Naval Base Point Loma
Naval Base San Diego
Naval Information Warfare Center Pacific
Naval Information Warfare Systems Command
US Coast Guard Station/Sector San Diego
14 VA facilities

Other Southern Region
Fort Irwin
Joint Forces Training Base Los Alamitos
Marine Corps Air Force Reserve Base
Marine Corps Air Ground Combat Center - Twentynine Palms
Marine Corps Logistics Base Barstow
Naval Air Facility El Centro
Naval Weapons Station Seal Beach
Detachment Norco
18 VA facilities
### Direct Spending

- **$27.8 billion** of direct spending
- **San Diego**: $11.6B
- **Los Angeles**: $10.1B
- **Orange**: $3.7B
- **Riverside**: $1.4B
- **San Bernardino**: $0.9B
- **Imperial**: $0.1B

### Employment

- **240,800** national security employees
- **San Diego**: 150
- **Los Angeles**: 330
- **Riverside**: 480
- **San Bernardino**: 1,200
- **Imperial**: 1,500
- **Southern California**: 4,800

### Regional Results

- **Southern California**
- **Direct Spending**: $27.8 billion
- **Employment**: 240,800
- **National Security Employees**: 1,100 per 100k residents

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*California Research Bureau, California State Library*
Southern California

Los Angeles | San Diego
Imperial | Orange | Riverside | San Bernardino

54.1% of state population
Los Angeles: 25.6%
San Diego: 8.4%
Other So.: 20.1%

26.7% of state land area
Los Angeles: 3.0%
San Diego: 3.0%
Other So.: 20.7%

Output by Industry

Government Revenue

$14.0 billion total government revenue
SD: 1st
LA: 2nd
Other So: 3rd of 11 regions

Regional Results

California Research Bureau
California State Library