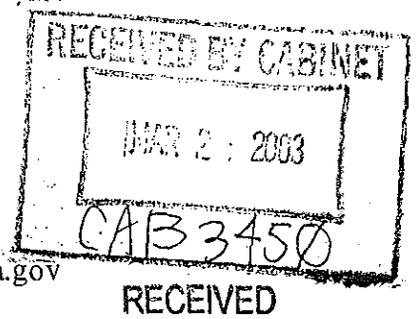


# GOVERNORS ACTION REQUEST

To: File  
Attn: Daniel Zingale, Cabinet Secretary

From: Chuck Cake, Acting Director  
Department of Industrial Relations  
(916) 324-4163 (916) 324-8394 Fax CCake@dir.ca.gov



Prepared by: Arthur S. Lujan, State Labor Commissioner  
Department of Industrial Relations  
Division of Labor Standards Enforcement  
(415) 703-4810 Ph (415) 355-5450 Fax Alujan@dir.ca.gov  
**Contact:** Tom Grogan, Deputy Chief  
(415) 703-4810 Ph (415) 355-5450 Fax TGrogan@dir.ca.gov

APR 14 2003

Department of Industrial Relations  
Director's Office (Sacramento)

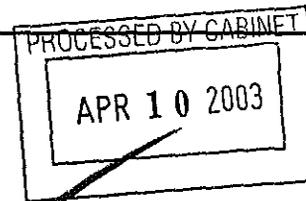
Date: February 28, 2003

Subject: Employment of 16- and 17-Year-Old Minors in Lake County Agricultural  
Packing Plants During Peak Pear Packing Season 2002  
Required by Chapter 345, Statutes of 2001 (SB 912)

Request for Approval     For Governor's Information     Request for Discussion     Request for Signature

Time Factor: The report is due to the Legislature by March 1, 2003  
Summary/Pro-Con Arguments: Not Applicable  
Effect on Existing Law: None  
Estimated Costs: None  
Recommendation: Approve Report and Submit to the Legislature  
Pursuant to Labor Code Section 1393.5 ✓ Report Complete

APPROVED:



Stephen J. Smith 3/15/03  
Stephen J. Smith Date  
Acting Secretary

Daniel Zingale \_\_\_\_\_  
Daniel Zingale Date  
Cabinet Secretary

Chuck Cake 3-7-03  
Chuck Cake, Acting Director Date  
Department of Industrial Relations

Gray Davis \_\_\_\_\_  
Gray Davis Date  
Governor

Mike Gotch \_\_\_\_\_  
Mike Gotch Date  
Legislative Affairs Secretary

Barry Goode \_\_\_\_\_  
Barry Goode Date  
Legal Affairs Secretary

DEPARTMENT OF INDUSTRIAL RELATIONS  
Office of the Director  
770 L Street, Suite 1160  
Sacramento, CA 95814  
(916) 324-4163 FAX (916) 324-8394



May 13, 2003

Mr. Gregory Schmidt  
Secretary of the Senate  
State Capitol, Room 3044  
Sacramento, CA 95814

Mr. E. Dotson Wilson  
Chief Clerk of the Assembly  
State Capitol, Room 3196  
Sacramento, CA 95814

Dear Sirs:

As required pursuant to Labor Code Section 1393.5, attached is the 2002 Annual Report to the Legislature on employment of 16 and 17 year-old minors in Lake County Agricultural packing plants during peak pear packing season.

Sincerely,

A handwritten signature in cursive script that reads "Chuck Cake".

Chuck Cake  
Acting Director

**EMPLOYMENT OF 16- AND 17-YEAR-OLD MINORS  
IN LAKE COUNTY AGRICULTURAL PACKING PLANTS  
DURING PEAK PEAR PACKING SEASON  
2002**

**A REPORT TO THE LEGISLATURE  
PURSUANT TO  
SB 912 (STATUTES OF 2001, CHAPTER 345)**

**DEPARTMENT OF INDUSTRIAL RELATIONS  
DIVISION OF LABOR STANDARDS ENFORCEMENT**

**MARCH 1, 2003**

## **BACKGROUND AND INTRODUCTION**

AB 1900 (Friedman, Statutes of 1994, Chapter 1175), also known as the Omnibus Child Labor Reform Act of 1993 became effective on January 1, 1995. Among other provisions, the bill added Labor Code § 1393, authorizing the Labor Commissioner, chief of the Division of Labor Standards Enforcement (DLSE) in the Department of Industrial Relations, to grant exceptions to the limitation on the number of hours that 16- and 17-year-old minors may work in a day at an agricultural packing plant during peak harvest season when school is not in session. The law authorized the Labor Commissioner to grant an exemption to allow minors to work up to ten hours per day, rather than eight hours, if the additional work hours did not materially affect the safety and welfare of the minor. In 1996, SB 1988 (Thomson, Chapter 1117) authorized the Lake County Board of Education to permit the employment of 16- and 17-year-old minors for up to sixty hours per week when school was not in session during the peak harvest season. This law was scheduled to sunset on January 1, 1999, but the date was extended to January 1, 2002 by the enactment of SB 2054 (Thompson, Statutes of 1998, Chapter 237).

SB 912 (Statutes of 2001, Chapter 345) amended Labor Code § 1393.5 to require the Labor Commissioner to annually inspect Lake County agricultural packing plants that apply for an exemption or renewal of an exemption authorized by the section. The law requires agricultural packing plants that receive such an exemption to submit to the Labor Commissioner an annual report on the number, ages, and working hours of minors that were employed during the preceding year. In addition, the Labor Commissioner is required to report to the Legislature on the working conditions of minors employed in the plants during the preceding year. In December of 2002, the Labor Commissioner sent letters to Lake County agricultural packing plant employers that had received hours exemptions pursuant to Labor Code § 1393.5 during the peak packing season of 2002. The employers were asked to supply information on the number, ages, and weekly hours worked by the minors that had been employed during the season.

The following sections describe the Labor Commissioner's findings in compliance with the reporting requirements of SB 912.

### **EXEMPTIONS ISSUED, RENEWED, OR DENIED PURSUANT TO LABOR CODE § 1393.5**

In 2002, DLSE issued three exemptions to agricultural packing plant employers operating in Lake County. All three of the Lake County employers that applied for and received the exemptions in 2002 had held such authorizations in the previous year. No applications for exemption were denied

**NUMBER OF MINORS EMPLOYED  
IN THE AGRICULTURAL PACKING PLANT INDUSTRY**

Federal and state employment data collection protocols (used by the federal Bureau of Labor Statistics and the California Employment Development Department) do not allow for the routine collection of data on the employment of youths. There are also no methods currently in use that would permit reliable estimates of youth employment at the state level.

Information regarding youth employment, particularly during the summer months, is only collected as part of the "Current Population Survey" conducted by the Bureau of Labor Statistics (Attachment A). Data are not reported by detailed sub-classifications of industry, age, or state of residence. For these reasons, the number of California youths employed in specific agricultural services, such as packing plants, is unknown.

According to reports of the Lake County agricultural packing plant employers with Labor Code § 1393.5 exemptions, a total of seventy-nine minors aged 16 and 17 years were employed during the 2002 peak packing season. Forty-six of the minors were 16 years of age and thirty-three of them were 17 years of age.

**GENERAL WORKING CONDITIONS OF MINORS  
EMPLOYED IN LAKE COUNTY AGRICULTURAL PACKING PLANTS**

Lake County is the home of four unified and three special school districts. According to information from the Lake County Board of Education, districts dismissed for summer vacation on either June 5 or June 13, 2002. The earliest date that the Labor Commissioner authorized any employer to begin extended work hours for a 16- or 17-year-old minor it employed was July 1, 2002. Except for one school district that began its fall session on August 26, 2002, the first day for students to return to school in Lake County school districts was September 3, 2002. Depending upon the starting date of the fall school session in their particular district, minors were expected to return to class at that time and the Board of Education no longer approved extended work hours.

Approximately 63% of the teens employed by the exempted Lake County agricultural packing plants worked two to four weeks during the packing season. The same percentage of teens worked either one week or seven weeks (11.4% in either instance), the longest period of employment (Attachment B).

According to the employer reports of weekly hours worked by minors during the 2002 peak packing season, the smallest amount of time worked by any minor during any one workweek was 8.25 hours and the highest number of hours worked by any minor during a workweek was 55.75. Approximately 61% of the minors employed worked an average of 40 hours or less per week during the entire season (Attachment C).

**SUMMARY OF INSPECTIONS CONDUCTED  
PURSUANT TO LABOR CODE § 1393.5**

Prior to the beginning of peak pear packing season, DLSE conducted inspections of all three Lake county packing shed employers that applied for the hours exemption for minors. On May 23 and June 20, 2002, a DLSE deputy met with the plant managers and inspected the premises in which the minors would be working. According to the information provided to the deputy, the proposed duties for minors were assembling boxes, stacking boxes of fruit, and grading and weighing fruit. Some of the work assignments involved work with or near moving machinery (e.g., conveyor belts) and non-moving machinery. DLSE staff contacted U. S. Department of Labor to verify that 16- and 17-year olds were permitted to use or work around such machinery. The deputy reviewed with the managers the hours of employment, type of work, equipment to be used, and safety training and practices and issued a finding that all of the proposed conditions were permissible assignments under both state and federal laws and regulations for minors 16 and 17 years of age.

**WORKPLACE INJURIES INVOLVING MINORS  
EMPLOYED BY AGRICULTURAL PACKING PLANTS**

The Standard Industrial Classification (SIC) Manual (1987 edition) is one of the systems commonly used to identify industries in statistical reporting. There is no code in the system that uniquely identifies agricultural packing plants. Agricultural packing plants are only one segment of a broad category (SIC code 0723 Crop Preparation Services for Market, except Cotton Ginning) that includes a minimum of twenty-one specifically identified types of economic activity associated with the preparation of crops for market. Therefore, in nearly all existing databases, it is not possible to identify and isolate information that solely describes the agricultural packing plant industry. In practice, data collecting and reporting agencies, such as the Division of Labor Statistics and Research (DLSR) of the Department of Industrial Relations, the federal Bureau of Labor Statistics and Research, and the California Employment Development Department, typically report data at the two- or three-digit level of detail using either the SIC Codes 07, Agricultural Services, or 072, Crop Services (Attachment D).

DLSR conducts research and publishes information on workplace safety and health statistics for California. Work injury data for 2002 are not available at this writing. The most recent work injury and fatality data available are for the year 2001. Statistics compiled by DLSR lack detailed age-specific data that would identify minors were involved in any non-fatal work-related injuries and illnesses or fatalities reported for Agricultural Services (SIC Code 07) (Attachments E and F).

**LABOR LAW AND REGULATION VIOLATIONS IN  
AGRICULTURAL PACKING PLANTS**

During 2002, DLSE received no complaints of labor law violations in Lake County agricultural packing plants and no penalties or citations were issued.

Two Lake County packing plant employers submitted reports that contained time records for two employees identified as being age 15. The minimum age requirement for an exemption under Labor Code § 1393.5 is 16. In each employer's report, the minors identified as being 15 years old had worked less than forty hours at the beginning of their employment, but began working extended hours toward the last few weeks of the packing season. It was not possible to determine whether the employers' reports contained clerical errors, whether initially ineligible minors had subsequently met the minimum age requirement for the exemption, or if hours requirements had actually occurred. Consequently, this information has been forwarded to the DLSE field office for investigation.

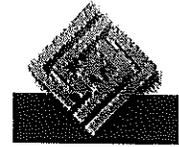
Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Arthur S. Lujan", with a horizontal line extending from the end of the signature.

Arthur S. Lujan  
*State Labor Commissioner*  
March 2003



United States  
Department of Labor  
Washington, D.C. 20212



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## Employment and Unemployment Among Youth--Summer 2002

Technical information: (202) 691-6378  
<http://www.bls.gov/cps/>

USDL 02-478

For release: 10:00 A.M. EDT

Media contact: 691-5902

Tuesday, August 13, 2002

### EMPLOYMENT AND UNEMPLOYMENT AMONG YOUTH--SUMMER 2002

The number of employed youth 16 to 24 years old increased by 2.4 million from April to July, the traditional summertime peak for youth employment, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. This year's seasonal expansion in youth employment was about the same size as last year's. Nevertheless, the proportion of youth in the labor force this July, 69.5 percent, was down from 70.8 percent last July and was the lowest rate for any July since 1971. The number of unemployed youth rose by 530,000 between April and July 2002; this was larger than the seasonal increases in the prior 3 years. (Because this analysis focuses on the seasonal change in youth employment and unemployment that occurs every spring and summer, the data used are not seasonally adjusted.)

#### Labor Force

The youth labor force--16- to 24-year-olds working or actively looking for work--grows sharply between April and July each year as large numbers of high school and college students take or search for summer employment and many recent graduates begin or seek permanent jobs. This summer, the youth labor force rose by 2.9 million to a total of 24.6 million in July. (See table 1.)

Although the April-to-July increase in the number of youth in the labor force was about the same as last year, the labor force participation rate for youth--the proportion of their population working or looking for work--declined from 70.8 to 69.5 percent. The over-the-year decrease in labor force participation may be due, in part, to the softness in the labor market in 2002. In addition, declines in participation in recent years may reflect an increase in school enrollment during the summer. In July 2002, 26.0 percent of 16- to 24-year-olds were enrolled in school, up from 16.3 percent in July 1994. About half of the youth enrolled in school in July 2002 were in the labor force compared with three-fourths of those not in school.

In July 2002, the labor force participation rate for young men, which has been trending down since 1990, was at its lowest July point on record, 72.2 percent. The July 2002 participation rate for young women (66.7 percent) was relatively unchanged from July 2001. The July 2002 participation rates for both young whites (72.5 percent) and young blacks (57.3 percent) decreased from their July 2001 values. (See table 2.)

## Employment

Nearly 21.6 million youth were employed in July 2002. The employment-population ratio for youth--the proportion of the 16- to 24-year-old civilian noninstitutional population employed--was 60.9 percent. The ratio decreased from its level of 63.5 percent in July 2001 and was the lowest July value since 1971. In July 2002, the employment-population ratios for young men (63.1 percent), young women (58.6 percent), young whites (64.7 percent), and young blacks (44.4 percent) were all lower than in July 2001.

- 2 -

In July 2002, 36 percent of employed youth worked in retail trade (including fast food restaurants) and 27 percent worked in services. Also, large percentages of employed youth worked in government, manufacturing, and construction. (See table 3.)

## Unemployment

Three million youth were unemployed in July 2002; they were not working but were actively looking for work and were available to take a job. The youth unemployment rate was 12.4 percent, up from 10.4 percent in July 2001 and the recent low of 9.6 percent in July 2000. In July 2002, the unemployment rate for young men (12.6 percent), young women (12.2 percent), and young whites (10.7 percent) was higher than in July 2001. The July 2002 rate for young blacks (22.5 percent), however, was little changed from July 2001. (See table 2.)

- [Employment and Unemployment Among Youth Technical Note](#)
- [Table 1. Employment status of the civilian population 16 to 24 years of age by sex and race, April-July 2002](#)
- [Table 2. Employment status of the civilian population 16 to 24 years of age by sex and race, July 1999-2002](#)
- [Table 3. Employed persons 16 to 24 years of age by industry, class of worker, and race, July 2001-02](#)
- [Text version of entire news release](#)

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**U.S. Bureau of Labor Statistics**  
 Division of Labor Force Statistics  
 Suite 4675  
 Massachusetts Avenue, NE  
 Washington, DC 20212-0001

URL: <http://www.bls.gov/CPS>  
 Phone: (202) 691-6378  
 CPS data questions: [cpsinfo@bls.gov](mailto:cpsinfo@bls.gov)  
 Technical (web) questions: [webmaster@bls.gov](mailto:webmaster@bls.gov)  
 Other comments: [feedback@bls.gov](mailto:feedback@bls.gov)



## Table 3. Employed persons 16 to 24 years of age by industry, class of worker, and race, July 2001-02

Table 3. Employed persons 16 to 24 years of age by industry, class of worker, and race, July 2001-02

(Numbers in thousands. Data are not seasonally adjusted.)

| Industry and class of worker                 | Total  |        | White  |        | Black |       |
|--|--------|--------|--------|--------|-------|-------|
|  | 2001   | 2002   | 2001   | 2002   | 2001  | 2002  |
| Total employed.....                          | 22,252 | 21,584 | 18,781 | 18,280 | 2,530 | 2,353 |
| Agriculture .....                            | 703    | 783    | 678    | 725    | 15    | 34    |
| Nonagricultural industries.....              | 21,549 | 20,801 | 18,103 | 17,555 | 2,516 | 2,318 |
| Private wage and salary workers.....         | 19,625 | 18,830 | 16,556 | 16,011 | 2,250 | 2,025 |
| Mining.....                                  | 58     | 30     | 52     | 30     | 3     | -     |
| Construction.....                            | 1,539  | 1,283  | 1,471  | 1,187  | 37    | 80    |
| Manufacturing.....                           | 1,851  | 1,595  | 1,597  | 1,376  | 181   | 159   |
| Transportation and public utilities.....     | 872    | 768    | 691    | 611    | 147   | 128   |
| Wholesale trade.....                         | 509    | 563    | 441    | 480    | 57    | 64    |
| Retail trade.....                            | 7,828  | 7,738  | 6,541  | 6,593  | 958   | 809   |
| Finance, insurance, and real estate.....     | 1,028  | 989    | 861    | 823    | 119   | 100   |
| Services.....                                | 5,941  | 5,864  | 4,901  | 4,912  | 749   | 685   |
| Government.....                              | 1,617  | 1,624  | 1,289  | 1,247  | 240   | 257   |
| Federal.....                                 | 203    | 219    | 160    | 149    | 31    | 57    |
| State.....                                   | 609    | 452    | 471    | 329    | 101   | 68    |
| Local.....                                   | 805    | 953    | 658    | 769    | 108   | 132   |
| Self-employed and unpaid family workers..... | 307    | 347    | 258    | 297    | 25    | 36    |

NOTE: Dash represents zero.

**16- AND 17-YEAR-OLD MINORS EMPLOYED IN  
LAKE COUNTY AGRICULTURAL PACKING PLANTS  
(PURSUANT TO LABOR CODE § 1393.5)**

**NUMBER OF WEEKS WORKED<sup>1</sup>  
PEAR PACKING SEASON 2002**

| NUMBER OF<br>WEEKS WORKED | NUMBER OF<br>MINORS EMPLOYED | PERCENT <sup>2</sup> |
|---------------------------|------------------------------|----------------------|
| 1                         | 9                            | 11.4                 |
| 2                         | 10                           | 12.7                 |
| 3                         | 18                           | 22.8                 |
| 4                         | 22                           | 27.8                 |
| 5                         | 7                            | 8.9                  |
| 6                         | 4                            | 5.1                  |
| 7                         | 9                            | 11.4                 |
| 8                         | 0                            | 0.0                  |
| <b>TOTAL</b>              | <b>79</b>                    | <b>100.0</b>         |

<sup>1</sup> Information in this table is based upon weekly hours worked by 16- and 17-year-old employees as reported by Lake County agricultural packing plant employers that were issued authorizations permitting minors in this age category to work extend hours pursuant to Labor Code § 1393.5 during the 2002 packing season.

<sup>2</sup> Total does not equal 100 percent due to rounding.

**16- AND 17-YEAR-OLD MINORS EMPLOYED IN  
LAKE COUNTY AGRICULTURAL PACKING PLANTS  
(PURSUANT TO LABOR CODE § 1393.5)**

**AVERAGE WEEKLY HOURS WORKED<sup>1</sup>  
PEAR PACKING SEASON 2002**

| <b>NUMBER OF<br/>HOURS WORKED</b> | <b>NUMBER OF<br/>MINORS EMPLOYED</b> | <b>PERCENT</b> |
|-----------------------------------|--------------------------------------|----------------|
| Less than 20 hours                | 9                                    | 11.4           |
| 21 to 30 hours                    | 13                                   | 16.5           |
| 31 to 40 hours                    | 26                                   | 32.9           |
| 41 to 50 hours                    | 29                                   | 36.7           |
| 51 to 60 hours <sup>2</sup>       | 2                                    | 2.5            |
| <b>TOTAL</b>                      | <b>79</b>                            | <b>100.0</b>   |

<sup>1</sup> Information in this table is based upon weekly hours worked by 16- and 17-year-old employees as reported by Lake County agricultural packing plant employers that were issued authorizations permitting minors in this age category to work extended hours pursuant to Labor Code § 1393.5 during the 2002 packing season. Average hours were rounded to the nearest whole hour.

<sup>2</sup> The highest average number of hours worked by any minor during the period was 55.75 hours. No minor worked an average of 60 hours per week, nor did any minor exceed the statutory maximum of 60 hours of work in any given week.

**OSHA**Occupational Safety & Health Administration  
U.S. Department of Labor

## SIC Division Structure

- A. Division A: Agriculture, Forestry, And Fishing
  - o Major Group 01: Agricultural Production Crops
  - o Major Group 02: Agricultural Production Livestock And Animal Specialties
  - o Major Group 07: Agricultural Services
  - o Major Group 08: Forestry
  - o Major Group 09: Fishing, Hunting, And Trapping
- B. Division B: Mining
  - o Major Group 10: Metal Mining
  - o Major Group 12: Coal Mining
  - o Major Group 13: Oil And Gas Extraction
  - o Major Group 14: Mining And Quarrying Of Nonmetallic Minerals, Except Fuels
- C. Division C: Construction
  - o Major Group 15: Building Construction General Contractors And Operative Builders
  - o Major Group 16: Heavy Construction Other Than Building Construction Contractors
  - o Major Group 17: Construction Special Trade Contractors
- D. Division D: Manufacturing
  - o Major Group 20: - Food And Kindred Products
  - o Major Group 21: Tobacco Products
  - o Major Group 22: Textile Mill Products
  - o Major Group 23: Apparel And Other Finished Products Made From Fabrics And Similar Materials
  - o Major Group 24: Lumber And Wood Products, Except Furniture
  - o Major Group 25: Furniture And Fixtures
  - o Major Group 26: Paper And Allied Products
  - o Major Group 27: Printing, Publishing, And Allied Industries
  - o Major Group 28: Chemicals And Allied Products
  - o Major Group 29: Petroleum Refining And Related Industries
  - o Major Group 30: Rubber And Miscellaneous Plastics Products
  - o Major Group 31: Leather And Leather Products
  - o Major Group 32: Stone, Clay, Glass, And Concrete Products
  - o Major Group 33: Primary Metal Industries
  - o Major Group 34: Fabricated Metal Products, Except Machinery And Transportation Equipment
  - o Major Group 35: Industrial And Commercial Machinery And Computer Equipment
  - o Major Group 36: Electronic And Other Electrical Equipment And Components, Except Computer Equipment
  - o Major Group 37: Transportation Equipment
  - o Major Group 38: Measuring, Analyzing, And Controlling Instruments; Photographic, Medical And Optical Goods; Watches And Clocks
  - o Major Group 39: Miscellaneous Manufacturing Industries
- E. Division E: Transportation, Communications, Electric, Gas, And Sanitary Services
  - o Major Group 40: Railroad Transportation
  - o Major Group 41: Local And Suburban Transit And Interurban Highway Passenger Transportation
  - o Major Group 42: Motor Freight Transportation And Warehousing
  - o Major Group 43: United States Postal Service

- Major Group 44: Water Transportation
- Major Group 45: Transportation By Air
- Major Group 46: Pipelines, Except Natural Gas
- Major Group 47: Transportation Services
- Major Group 48: Communications
- Major Group 49: Electric, Gas, And Sanitary Services
- F. Division F: Wholesale Trade
  - Major Group 50: Wholesale Trade-durable Goods
  - Major Group 51: Wholesale Trade-non-durable Goods
- G. Division G: Retail Trade
  - Major Group 52: Building Materials, Hardware, Garden Supply, And Mobile Home Dealers
  - Major Group 53: General Merchandise Stores
  - Major Group 54: Food Stores
  - Major Group 55: Automotive Dealers And Gasoline Service Stations
  - Major Group 56: Apparel And Accessory Stores
  - Major Group 57: Home Furniture, Furnishings, And Equipment Stores
  - Major Group 58: Eating And Drinking Places
  - Major Group 59: Miscellaneous Retail
- H. Division H: Finance, Insurance, And Real Estate
  - Major Group 60: Depository Institutions
  - Major Group 61: Non-depository Credit Institutions
  - Major Group 62: Security And Commodity Brokers, Dealers, Exchanges, And Services
  - Major Group 63: Insurance Carriers
  - Major Group 64: Insurance Agents, Brokers, And Service
  - Major Group 65: Real Estate
  - Major Group 67: Holding And Other Investment Offices
- I. Division I: Services
  - Major Group 70: Hotels, Rooming Houses, Camps, And Other Lodging Places
  - Major Group 72: Personal Services
  - Major Group 73: Business Services
  - Major Group 75: Automotive Repair, Services, And Parking
  - Major Group 76: Miscellaneous Repair Services
  - Major Group 78: Motion Pictures
  - Major Group 79: Amusement And Recreation Services
  - Major Group 80: Health Services
  - Major Group 81: Legal Services
  - Major Group 82: Educational Services
  - Major Group 83: Social Services
  - Major Group 84: Museums, Art Galleries, And Botanical And Zoological Gardens
  - Major Group 86: Membership Organizations
  - Major Group 87: Engineering, Accounting, Research, Management, And Related Services
  - Major Group 88: Private Households
- J. Division J: Public Administration
  - Major Group 91: Executive, Legislative, And General Government, Except Finance
  - Major Group 92: Justice, Public Order, And Safety
  - Major Group 93: Public Finance, Taxation, And Monetary Policy
  - Major Group 94: Administration Of Human Resource Programs
  - Major Group 95: Administration Of Environmental Quality And Housing Programs
  - Major Group 96: Administration Of Economic Programs
  - Major Group 97: National Security And International Affairs
  - Major Group 99: Nonclassifiable Establishments



Occupational Safety & Health Administration  
U.S. Department of Labor



## SIC Major Group 07

### Major Group 07: *Agricultural Services*

#### Major Group Structure

This major group includes establishments primarily engaged in performing soil preparation services, crop services, veterinary services, other animal services, farm labor and management services, and landscape and horticultural services, for others on a contract or fee basis. However, feedlots and poultry hatcheries operated on a contract or fee basis are included in Major Group 02.

- Industry Group 071: *Soil Preparation Services*
  - 0711 Soil Preparation Services
- Industry Group 072: *Crop Services*
  - 0721 Crop Planting, Cultivating, And Protecting
  - 0722 Crop Harvesting, Primarily By Machine
  - 0723 Crop Preparation Services For Market, Except Cotton Ginning
  - 0724 Cotton Ginning
- Industry Group 074: *Veterinary Services*
  - 0741 Veterinary Services For Livestock
  - 0742 Veterinary Services For Animal Specialties
- Industry Group 075: *Animal Services, Except Veterinary*
  - 0751 Livestock Services, Except Veterinary
  - 0752 Animal Specialty Services, Except Veterinary
- Industry Group 076: *Farm Labor And Management Services*
  - 0761 Farm Labor Contractors And Crew Leaders
  - 0762 Farm Management Services
- Industry Group 078: *Landscape And Horticultural Services*
  - 0781 Landscape Counseling And Planning
  - 0782 Lawn And Garden Services
  - 0783 Ornamental Shrub And Tree Services

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**OSHA**Occupational Safety & Health Administration  
U.S. Department of Labor

## SIC Description for 0723

Division A: Agriculture, Forestry, And Fishing  
Major Group 07: Agricultural Services

Industry Group 072: *Crop Services*

---

### 0723 Crop Preparation Services for Market, Except Cotton Ginning

Establishments primarily engaged in performing services on crops, subsequent to their harvest, with the intent of preparing them for market or further processing. Establishments primarily engaged in buying farm products for resale to other than the general public for household consumption and which also prepare them for market or further processing are classified in Wholesale Trade. Establishments primarily engaged in stemming and redrying tobacco are classified in Manufacturing, Industry 2141.

- Bean cleaning
- Corn shelling
- Cotton seed delinting
- Drying of corn, rice, hay, fruits, and vegetables
- Flax decorticating and retting
- Fruit precooling, not in connection with transportation
- Fruit vacuum cooling
- Grain cleaning
- Grain fumigation
- Grain grinding, custom
- Moss ginning
- Nut hulling and shelling
- Packaging fresh or farm dried fruits and vegetables
- Peanut shelling, custom
- Potato curing
- Seed cleaning
- Sorting, grading, and packing of fruits and vegetables
- Sweet potato curing
- Tobacco grading
- Vegetable precooling, not in connection with transportation
- Vegetable vacuum cooling

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## 2001 NONFATAL OCCUPATIONAL INJURIES AND ILLNESSES IN CALIFORNIA



### INDUSTRY INCIDENCE (FREQUENCY) RATES AND CASE COUNTS

|                |   |
|----------------|---|
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Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 2001

| California   |                       |                        |                    |                                       |                              |             |                    |                                       |                              |
|--|-----------------------|------------------------|--------------------|---------------------------------------|------------------------------|-------------|--------------------|---------------------------------------|------------------------------|
| (In thousands)   |                       |                        |                    |                                       |                              |             |                    |                                       |                              |
| Industry <sup>1</sup>  | SIC code <sup>2</sup> | Injuries and Illnesses |                    |                                       |                              | Injuries    |                    |                                       |                              |
|  |                       | Total cases            | Lost workday cases |                                       | Cases without lost work-days | Total cases | Lost workday cases |                                       | Cases without lost work-days |
|  |                       |                        | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |
| <b>All Industries including State and local government<sup>5</sup></b> |                       | 748.2                  | 413.4              | 259.0                                 | 334.7                        | 687.9       | 384.3              | 239.6                                 | 303.7                        |
| <b>Private Industry<sup>5</sup></b>                                    |                       | 586.9                  | 330.3              | 195.5                                 | 256.6                        | 545.1       | 309.6              | 183.3                                 | 235.5                        |
| <b>Agriculture, forestry, and fishing<sup>5</sup></b>                  |                       | 26.2                   | 17.2               | 11.5                                  | 9.0                          | 25.3        | 17.1               | 11.5                                  | 8.2                          |
| Agricultural production <sup>5</sup>                                   | 01-02                 | 9.0                    | 5.0                | 3.0                                   | 4.0                          | 8.4         | 4.9                | 3.0                                   | 3.4                          |
| Agricultural production-crops <sup>5</sup>                             | 01                    | 7.7                    | 4.1                | 2.4                                   | 3.5                          | 7.0         | 4.1                | 2.4                                   | 3.0                          |
| Agricultural production - livestock <sup>5</sup>                       | 02                    | 1.4                    | 0.9                | 0.6                                   | 0.5                          | 1.3         | 0.8                | 0.6                                   | 0.5                          |
| Agricultural services  | 07                    | 16.9                   | 12.0               | 8.3                                   | 4.9                          | 16.7        | 12.0               | 8.3                                   | 4.7                          |
| <b>Mining<sup>6</sup></b>  |                       | --                     | --                 | --                                    | --                           | --          | --                 | --                                    | --                           |
| Nonmetallic minerals, except fuels <sup>7</sup>                        | 14                    | 0.4                    | 0.3                | 0.2                                   | 0.1                          | 0.4         | 0.3                | 0.2                                   | 0.1                          |
| <b>Construction</b>  |                       | 56.7                   | 35.2               | 26.2                                  | 21.4                         | 55.9        | 34.7               | 25.7                                  | 21.2                         |
| General building contractors   | 15                    | 11.4                   | 7.0                | 4.2                                   | 4.4                          | 11.3        | 6.9                | 4.2                                   | 4.4                          |
| Heavy construction, except building                                    | 16                    | 4.8                    | 2.9                | 2.3                                   | 1.9                          | 4.7         | 2.9                | 2.2                                   | 1.8                          |
| Special trade contractors  | 17                    | 40.5                   | 25.3               | 19.7                                  | 15.2                         | 39.8        | 24.9               | 19.3                                  | 15.0                         |
| <b>Manufacturing</b>   |                       | 107.5                  | 62.9               | 28.1                                  | 44.6                         | 97.8        | 58.1               | 26.1                                  | 39.7                         |
| <b>Durable goods</b>   |                       | 67.5                   | 39.4               | 17.4                                  | 28.1                         | 60.4        | 36.0               | 16.0                                  | 24.4                         |
| Lumber and wood products   | 24                    | 6.8                    | 4.3                | 1.9                                   | 2.5                          | 6.5         | 4.2                | 1.9                                   | 2.3                          |
| Furniture and fixtures   | 25                    | 5.8                    | 3.4                | 1.3                                   | 2.4                          | 5.7         | 3.4                | 1.3                                   | 2.3                          |
| Stone, clay, and glass products  | 32                    | 4.5                    | 2.5                | 1.2                                   | 2.0                          | 4.2         | 2.4                | 1.2                                   | 1.8                          |
| Primary metal industries   | 33                    | 3.0                    | 1.7                | 0.6                                   | 1.3                          | 2.8         | 1.6                | 0.6                                   | 1.2                          |
| Fabricated metal products  | 34                    | 10.0                   | 6.2                | 3.1                                   | 3.8                          | 9.6         | 6.0                | 3.0                                   | 3.6                          |
| Electronic and other electric equipment                                | 36                    | 9.2                    | 5.1                | 2.1                                   | 4.0                          | 7.9         | 4.6                | 1.8                                   | 3.3                          |
| Transportation equipment   | 37                    | 11.6                   | 6.9                | 2.7                                   | 4.7                          | 10.0        | 6.2                | 2.4                                   | 3.8                          |
| Instruments and related products                                       | 38                    | 5.7                    | 3.2                | 1.4                                   | 2.5                          | 3.6         | 1.9                | 0.9                                   | 1.7                          |
| Miscellaneous manufacturing industries                                 | 39                    | 2.3                    | 1.2                | 0.6                                   | 1.1                          | 2.2         | 1.2                | 0.6                                   | 1.0                          |
| <b>Nondurable goods</b>  |                       | 40.1                   | 23.5               | 10.7                                  | 16.5                         | 37.3        | 22.1               | 10.1                                  | 15.3                         |
| Food and kindred products  | 20                    | 18.2                   | 10.9               | 5.2                                   | 7.3                          | 17.3        | 10.5               | 5.0                                   | 6.8                          |
| Textile mill products  | 22                    | 1.1                    | 0.8                | 0.3                                   | 0.4                          | 1.1         | 0.7                | 0.3                                   | 0.4                          |
| Apparel and other textile products                                     | 23                    | 2.9                    | 1.3                | 0.6                                   | --                           | 2.7         | 1.2                | 0.5                                   | --                           |
| Paper and allied products  | 26                    | 2.4                    | 1.3                | 0.5                                   | 1.1                          | 2.1         | 1.1                | 0.4                                   | 1.0                          |
| Printing and publishing  | 27                    | 6.1                    | 3.5                | 1.9                                   | 2.7                          | 5.3         | 3.0                | 1.7                                   | 2.3                          |
| Chemicals and allied products  | 28                    | 3.4                    | 2.1                | 0.8                                   | 1.4                          | 3.1         | 1.9                | 0.8                                   | 1.3                          |
| Rubber and miscellaneous plastics products                             | 30                    | 5.5                    | 3.5                | 1.3                                   | 2.0                          | 5.3         | 3.4                | 1.3                                   | 1.9                          |
| <b>Transportation and public utilities<sup>8</sup></b>                 |                       | 57.5                   | 37.9               | 27.7                                  | 19.7                         | 53.8        | 35.9               | 26.3                                  | 17.9                         |
| Railroad transportation <sup>8</sup>                                   | 40                    | 0.5                    | 0.4                | 0.3                                   | 0.1                          | 0.5         | 0.4                | 0.3                                   | 0.1                          |
| Local and interurban passenger transit                                 | 41                    | 4.1                    | 2.3                | 1.6                                   | 1.8                          | 4.0         | 2.3                | 1.6                                   | 1.8                          |
| Trucking and warehousing   | 42                    | 13.8                   | 9.5                | 7.6                                   | 4.3                          | 13.7        | 9.4                | 7.5                                   | 4.2                          |
| Transportation by air  | 45                    | 21.8                   | 14.6               | 10.4                                  | 7.2                          | 20.5        | 13.7               | 9.7                                   | 6.8                          |
| Transportation services  | 47                    | 2.0                    | 1.2                | 0.8                                   | 0.8                          | 1.7         | 1.0                | 0.7                                   | 0.7                          |

See footnotes at end of table.

Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 2001 -- Continued

## California

(In thousands)

| Industry <sup>1</sup>                      | SIC code <sup>2</sup> | Injuries and Illnesses |                    |                                       |                              | Injuries    |                    |                                       |                              |
|--|-----------------------|------------------------|--------------------|---------------------------------------|------------------------------|-------------|--------------------|---------------------------------------|------------------------------|
|  |                       | Total cases            | Lost workday cases |                                       | Cases without lost work-days | Total cases | Lost workday cases |                                       | Cases without lost work-days |
|  |                       |                        | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |
| Electric, gas, and sanitary services       | 49                    | 5.5                    | 3.0                | 2.0                                   | 2.5                          | 5.0         | 2.9                | 1.9                                   | 2.1                          |
| <b>Wholesale and retail trade</b>          |                       | 143.9                  | 76.4               | 43.6                                  | 67.5                         | 138.0       | 73.4               | 41.4                                  | 64.6                         |
| Wholesale trade                            |                       | 38.5                   | 22.4               | 12.4                                  | 16.1                         | 36.8        | 21.3               | 11.7                                  | 15.4                         |
| Wholesale trade--durable goods             | 50                    | 20.0                   | 11.0               | 6.2                                   | 9.0                          | 19.2        | 10.5               | 5.8                                   | 8.8                          |
| Wholesale trade--nondurable goods          | 51                    | 18.5                   | 11.4               | 6.3                                   | 7.1                          | 17.5        | 10.9               | 5.9                                   | 6.6                          |
| Retail trade                               |                       | 105.4                  | 54.0               | 31.1                                  | 51.4                         | 101.2       | 52.1               | 29.7                                  | 49.1                         |
| Building materials and garden supplies     | 52                    | 6.3                    | 3.4                | 1.8                                   | 2.9                          | 6.1         | 3.3                | 1.8                                   | 2.8                          |
| General merchandise stores                 | 53                    | 15.4                   | 10.2               | 4.9                                   | 5.1                          | 15.0        | 10.0               | 4.8                                   | 5.0                          |
| Food stores                                | 54                    | 21.3                   | 10.0               | 5.8                                   | 11.3                         | 20.5        | 9.4                | 5.4                                   | 11.1                         |
| Automotive dealers and service stations    | 55                    | 13.9                   | 7.1                | 4.3                                   | 6.9                          | 13.7        | 6.9                | 4.2                                   | 6.7                          |
| Apparel and accessory stores               | 56                    | 4.0                    | 2.1                | 1.0                                   | 2.0                          | 3.8         | 2.0                | 0.9                                   | 1.9                          |
| Furniture and homefurnishings stores       | 57                    | 4.8                    | 2.9                | 2.0                                   | 2.0                          | 4.8         | 2.8                | 1.9                                   | 2.0                          |
| Eating and drinking places                 | 58                    | 27.6                   | 11.9               | 8.0                                   | 15.7                         | 25.9        | 11.5               | 7.6                                   | 14.4                         |
| Miscellaneous retail                       | 59                    | 12.0                   | 6.5                | 3.4                                   | 5.5                          | 11.3        | 6.1                | 3.0                                   | 5.3                          |
| <b>Finance, insurance, and real estate</b> |                       | 21.6                   | 10.6               | 7.1                                   | 11.0                         | 17.0        | 8.5                | 5.6                                   | 8.5                          |
| Depository institutions                    | 60                    | 6.1                    | 2.5                | 1.9                                   | 3.6                          | 4.6         | 1.8                | 1.4                                   | 2.8                          |
| Real estate                                | 65                    | 7.7                    | 4.8                | 3.2                                   | 2.9                          | 7.5         | 4.8                | 3.1                                   | 2.7                          |
| <b>Services</b>                            |                       | 172.4                  | 89.3               | 50.9                                  | 83.1                         | 156.5       | 81.3               | 46.4                                  | 75.2                         |
| Hotels and other lodging places            | 70                    | 13.4                   | 7.8                | 3.7                                   | 5.6                          | 12.6        | 7.2                | 3.2                                   | 5.3                          |
| Personal services                          | 72                    | 4.8                    | 3.0                | 1.5                                   | 1.8                          | 4.6         | 2.9                | 1.4                                   | 1.7                          |
| Auto repair, services, and parking         | 75                    | 6.8                    | 3.8                | 3.1                                   | 2.9                          | 6.4         | 3.6                | 2.8                                   | 2.8                          |
| Miscellaneous repair services              | 76                    | 2.5                    | 1.5                | 1.2                                   | 1.0                          | 2.4         | 1.4                | 1.1                                   | 1.0                          |
| Motion pictures                            | 78                    | 5.1                    | 2.1                | 1.7                                   | 3.1                          | 4.8         | 1.9                | 1.5                                   | 2.9                          |
| Amusement and recreation services          | 79                    | 12.6                   | 7.1                | 4.0                                   | 5.5                          | 11.5        | 6.5                | 3.5                                   | 5.0                          |
| Health services                            | 80                    | 62.6                   | 27.3               | 15.3                                  | 35.3                         | 56.3        | 24.5               | 13.9                                  | 31.8                         |
| Educational services                       | 82                    | 4.3                    | 2.4                | 1.3                                   | 1.9                          | 3.9         | 2.2                | 1.1                                   | 1.7                          |
| Social services                            | 83                    | 13.0                   | 7.5                | 5.3                                   | 5.5                          | 12.5        | 7.2                | 5.1                                   | 5.2                          |
| Engineering and management services        | 87                    | 8.6                    | 4.4                | 2.6                                   | 4.2                          | 7.0         | 3.6                | 2.2                                   | 3.4                          |
| <b>State and local government</b>          |                       | 161.3                  | 83.2               | 63.5                                  | 78.1                         | 142.8       | 74.7               | 56.3                                  | 68.1                         |
| <b>State government</b>                    |                       | 32.1                   | 16.0               | 10.9                                  | 16.1                         | 27.2        | 13.9               | 9.1                                   | 13.3                         |
| <b>Services</b>                            |                       | 8.7                    | 4.3                | 2.8                                   | 4.4                          | 7.1         | 3.8                | 2.4                                   | 3.3                          |
| Educational services                       | 82                    | 4.9                    | 2.3                | 1.4                                   | 2.6                          | 4.0         | 2.0                | 1.2                                   | 2.0                          |
| <b>Public administration</b>               |                       | 23.4                   | 11.7               | 8.1                                   | 11.7                         | 20.1        | 10.1               | 6.7                                   | 10.0                         |
| Justice, public order, and safety          | 92                    | 13.8                   | 7.4                | 5.0                                   | 6.4                          | 11.5        | 6.2                | 4.0                                   | 5.3                          |

See footnotes at end of table.

Table 2. Number of nonfatal occupational injuries and illnesses by selected industries and case types, 2001 -- Continued

| California                           |                       |                        |                    |                                       |                              |             |                    |                                       |                              |
|--------------------------------------|-----------------------|------------------------|--------------------|---------------------------------------|------------------------------|-------------|--------------------|---------------------------------------|------------------------------|
| (In thousands)                       |                       |                        |                    |                                       |                              |             |                    |                                       |                              |
| Industry <sup>1</sup>                | SIC code <sup>2</sup> | Injuries and Illnesses |                    |                                       |                              | Injuries    |                    |                                       |                              |
|                                      |                       | Total cases            | Lost workday cases |                                       | Cases without lost work-days | Total cases | Lost workday cases |                                       | Cases without lost work-days |
|                                      |                       |                        | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |             | Total <sup>3</sup> | With days away from work <sup>4</sup> |                              |
| Local government                     |                       | 129.2                  | 67.2               | 52.6                                  | 62.0                         | 115.6       | 60.8               | 47.2                                  | 54.8                         |
| Transportation and public utilities  |                       | 13.8                   | 8.1                | 6.9                                   | 5.7                          | 12.0        | 7.2                | 6.1                                   | 4.8                          |
| Electric, gas, and sanitary services | 49                    | 4.8                    | 2.6                | 1.7                                   | 2.2                          | 4.3         | 2.5                | 1.6                                   | 1.8                          |
| Services                             |                       | 74.7                   | 38.2               | 28.9                                  | 36.5                         | 69.3        | 35.9               | 27.2                                  | 33.4                         |
| Amusement and recreation services    | 79                    | 5.7                    | 2.4                | 1.6                                   | 3.3                          | 5.3         | 2.3                | 1.5                                   | 3.1                          |
| Health services                      | 80                    | 10.9                   | 5.5                | 4.5                                   | 5.4                          | 10.2        | 5.3                | 4.4                                   | 4.9                          |
| Educational services                 | 82                    | 45.0                   | 22.3               | 15.1                                  | 22.7                         | 42.9        | 21.3               | 14.5                                  | 21.6                         |
| Public administration                |                       | 37.0                   | 18.9               | 15.4                                  | 18.1                         | 31.5        | 16.4               | 13.1                                  | 15.1                         |
| Executive, legislative, and general  | 91                    | 9.7                    | 5.3                | 3.9                                   | --                           | 8.6         | 4.7                | 3.4                                   | --                           |
| Justice, public order, and safety    | 92                    | 22.1                   | 11.0               | 9.4                                   | 11.1                         | 18.6        | 9.5                | 8.1                                   | 9.1                          |
| Administration of human resources    | 94                    | 3.2                    | 1.6                | 1.4                                   | 1.6                          | 2.6         | 1.3                | 1.1                                   | 1.4                          |

<sup>1</sup> Totals include data for industries not shown separately.

<sup>2</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>3</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>4</sup> Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. Data for Mining (Division B in the *Standard Industrial Classification Manual*, 1987 edition) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

<sup>7</sup> Data conforming to OSHA definitions for mining operators in this industry

are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded.

<sup>8</sup> Data conforming to OSHA definitions for employers in railroad transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

<sup>9</sup> Fewer than 50 cases.

NOTE: Because of rounding, components may not add to totals.  
n.e.c. = not elsewhere classified.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

## 2001 FATAL OCCUPATIONAL INJURIES AND ILLNESSES IN CALIFORNIA



|                   |   |
|-------------------|---|
| <b>Table A-1</b>  | Fatal occupational injuries by industry and event of exposure, California 2001  |
| <b>Table A-2</b>  | Fatal occupational injuries resulting from transportation incidents and homicides, California 2001  |
| <b>Table A-3</b>  | Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, California 2001 |
| <b>Table A-4</b>  | Fatal occupational injuries by industry, California 2001  |
| <b>Table A-5</b>  | Fatal occupational injuries by occupation and event or exposure, California 2001  |
| <b>Table A-6</b>  | Fatal occupational injuries resulting from transportation incidents and homicides by occupation, California 2001                                  |
| <b>Table A-7</b>  | Fatal occupational injuries by workers characteristics and event or exposure, California 2001   |
| <b>Table A-8</b>  | Fatal occupational injuries by event or exposure and age, California 2001   |
| <b>Table A-9</b>  | Fatal occupational injuries by event or exposure and major private industry division, California 2001   |
| <b>Table A-10</b> | Fatal occupational injuries by primary and secondary source of injury by major private industry division, California 2001                         |

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TABLE A-4. Fatal occupational injuries by industry, California, 2001

| Industry <sup>1</sup>                                       | 1996<br>(number) | 1997<br>(number) | 1998<br>(number) | 1999<br>(number) | 2000<br>(number) | 2001   |         |
|---|------------------|------------------|------------------|------------------|------------------|--------|---------|
|   |                  |                  |                  |                  |                  | Number | Percent |
| Total.....  | 641              | 651              | 626              | 602              | 553              | 510    | 100.0   |
| Private Industry.....                                       | 558              | 573              | 538              | 523              | 500              | 455    | 89.2    |
| <b>Agriculture, forestry, and fishing</b>                   | 72               | 70               | 75               | 93               | 80               | 72     | 14.1    |
| Agricultural production-crops                               | 16               | 18               | 26               | 39               | 16               | 24     | 4.7     |
| Cash grains   | --               | --               | 4                | --               | --               | --     | --      |
| Field crops, except cash grains                             | 3                | --               | 3                | --               | --               | --     | --      |
| Vegetables and melons                                       | --               | 4                | --               | --               | 4                | 4      | 0.8     |
| Fruits and tree nuts  | 3                | 7                | 7                | 22               | 7                | 13     | 2.5     |
| Grapes  | --               | --               | 4                | 3                | --               | 3      | 0.6     |
| Tree nuts   | --               | 3                | --               | --               | --               | 3      | 0.6     |
| Deciduous tree fruits                                       | --               | --               | --               | 3                | --               | --     | --      |
| Fruits and tree nuts, n.e.c.                                | --               | --               | --               | 13               | --               | --     | --      |
| Horticultural specialties                                   | --               | --               | --               | 6                | --               | --     | --      |
| Ornamental floriculture and nursery products                | --               | --               | --               | 6                | --               | --     | --      |
| General farms, primarily crop                               | 3                | 3                | 6                | --               | --               | --     | --      |
| Agricultural production - livestock                         | 10               | 10               | 5                | 11               | 10               | 12     | 2.4     |
| Livestock, except dairy and poultry                         | 5                | --               | --               | 4                | 3                | --     | --      |
| Beef cattle, except feedlots                                | 3                | --               | --               | 3                | 3                | --     | --      |
| Dairy farms   | 5                | 5                | --               | 4                | 3                | 8      | 1.6     |
| Poultry and eggs  | --               | --               | --               | --               | 3                | --     | --      |
| Agricultural services                                       | 40               | 37               | 34               | 29               | 47               | 30     | 5.9     |
| Crop services   | 7                | 14               | 8                | 8                | 11               | 5      | 1.0     |
| Crop planting, cultivating, and protecting                  | 3                | 6                | 3                | 4                | 4                | --     | --      |
| Crop harvesting, primarily by machine                       | --               | 3                | --               | --               | 4                | 3      | 0.6     |
| Crop preparation services for market, except cotton ginning | 3                | 5                | 3                | 3                | 3                | --     | --      |
| Animal services, except veterinary                          | 3                | --               | --               | 3                | --               | --     | --      |
| Animal specialty services, except veterinary                | 3                | --               | --               | 3                | --               | --     | --      |
| Farm labor and management services                          | 8                | 6                | 10               | 6                | 9                | 9      | 1.8     |
| Farm labor contractors and crew leaders                     | 7                | 6                | 9                | 3                | 4                | 9      | 1.8     |
| Farm management services                                    | --               | --               | --               | --               | 5                | --     | --      |
| Landscape and horticultural services                        | 21               | 15               | 14               | 10               | 26               | 14     | 2.7     |
| Landscape counseling and planning                           | --               | 3                | 3                | --               | --               | --     | --      |
| Lawn and garden services                                    | 8                | 4                | 7                | 6                | 11               | 8      | 1.6     |
| Ornamental shrub and tree services                          | 13               | 7                | 4                | 3                | 14               | 5      | 1.0     |
| Fishing, hunting, and trapping                              | 6                | 5                | 10               | 7                | 5                | --     | --      |
| Commercial fishing  | 6                | 5                | 10               | 7                | 5                | --     | --      |
| Finfish   | --               | --               | 4                | --               | --               | --     | --      |
| Shellfish   | --               | --               | --               | 4                | 3                | --     | --      |
| <b>Mining</b>   | 10               | 8                | 7                | --               | 4                | 7      | 1.4     |
| Metal mining  | 3                | 3                | --               | --               | --               | --     | --      |
| Gold and silver ores  | 3                | --               | --               | --               | --               | --     | --      |
| Gold ores   | 3                | --               | --               | --               | --               | --     | --      |

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 2001 - continued

| Industry <sup>1</sup>   | 1996<br>(number) | 1997<br>(number) | 1998<br>(number) | 1999<br>(number) | 2000<br>(number) | 2001   |         |
|-------------------------|------------------|------------------|------------------|------------------|------------------|--------|---------|
|                         |                  |                  |                  |                  |                  | Number | Percent |
| Public order and safety | 10               | 15               | 22               | 14               | 14               | 14     | 2.7     |
| Police protection       | 9                | 12               | 14               | 9                | 11               | 12     | 2.4     |
| Fire protection         | --               | 3                | 8                | 5                | --               | --     | --      |

<sup>1</sup> Classified according to the *Standard Industrial Classification Manual, 1987*

<sup>2</sup> Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

SOURCE: California Division of Labor Statistics and Research, in cooperation with the U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries