

# Farm Labor



**National  
Agricultural  
Statistics  
Service**

**United States  
Department of  
Agriculture**

**Washington, D.C.**

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Released August 18, 1992, by the Agricultural Statistics Board. Estimates refer to the week of July 12-18, 1992.

## July Worker Numbers Down

There were 3.56 million people working on the Nation's farms and ranches during the week of July 12-18, 1992. Self-employed farm operators accounted for 1.60 million of the total, along with 536,000 unpaid workers, and 1.03 million workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 385,000 workers.

Farm operators paid their hired workers an average wage of \$5.82 per hour during the July 1992 survey week. This rate was up 25 cents from a year earlier. Workers paid on an hourly basis earned \$5.56 per hour compared with \$5.35 last July. Field workers received an average of \$5.47 per hour, up 21 cents from the July 1991 survey week. Livestock workers earned \$5.48 per hour compared with \$5.16 a year earlier.

Self-employed farm operators worked an average of 39.0 hours, compared to 41.8 hours in the comparable week in 1991. Unpaid workers averaged 36.7 hours, compared to 39.3 hours last year. Hired employees worked 39.9 hours compared to 40.1 hours in July of last year.

Benefits, such as housing and meals, were provided to 41 percent of the hired workers during the survey week, compared to 38 percent in July 1991.

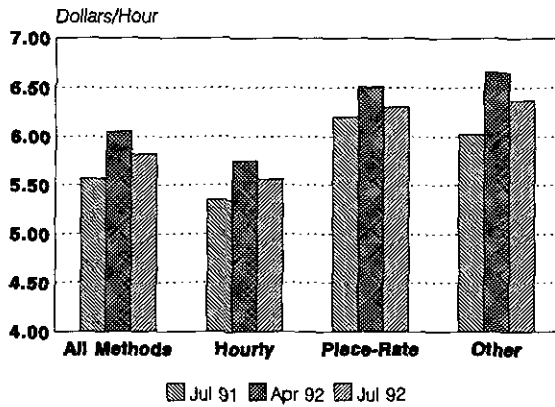
Thunderstorms limited farm activities from the central Great Plains to the Northeast during the survey week of July 12-18, 1992. Heavy rains caused flooding in the eastern Corn Belt. Dry, cool weather dominated the northern Great Plains and much of the West. Winter wheat harvest was virtually complete from Kansas southward but was hampered by rain in the eastern growing areas. Hay harvest was also hampered by rain in the East. Grain sorghum harvest was active in central and southern Texas. Summer potato harvest remained active in California and the South while fall potato digging began in the Pacific Northwest. Sweet potato harvest began in California and the Delta. Peach harvest was active nationwide during the survey week. Valencia orange harvest was active in Arizona and California but was virtually complete in Florida. In New York, sweet cherry harvest ended early due to cracking, with much of the crop being abandoned. Early apples were being picked in Oregon. Summer vegetable harvests were active in the Gulf and along both coasts. Melon harvest was nearly complete in Texas. California's grape and strawberry harvests continued. The processing tomato harvest moved northward into the Sacramento Valley.

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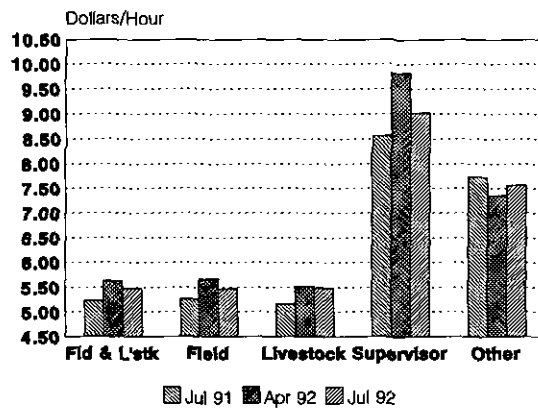
For information, call Tom Kurtz at (202) 690-3228. Office hours are 8:00 a.m. to 4:30 p.m. ET.

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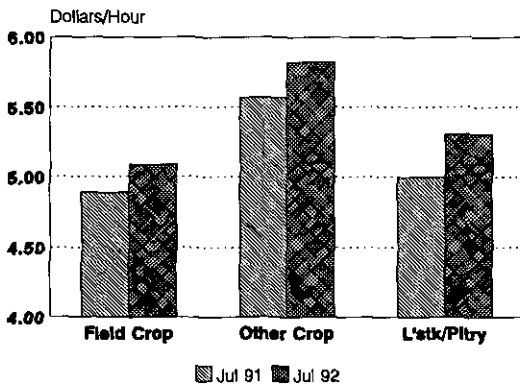
### U.S. Wage Rates by Method of Pay



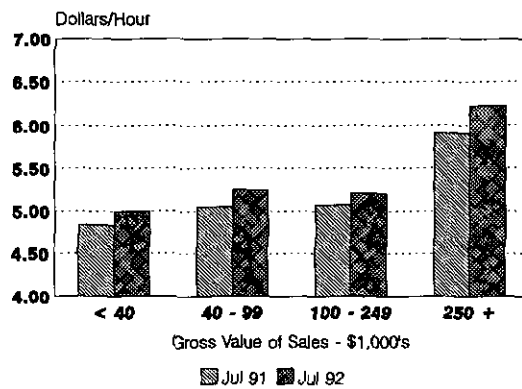
### U.S. Wage Rates by Type of Worker



### Wage Rate of Field & L'stk Wkrs Combined By Type of Farm



### Wage Rates of All Hired Workers by Economic Class of Farm



Farm Labor: Employment, Wage Rates, and Indexes, United States,  
July 12-18, 1992, with Comparisons 1/

| Farm Employment                                | : July 7-13,<br>: 1991 | : April 12-18,<br>: 1992 | : July 12-18,<br>: 1992 |
|--|------------------------|--------------------------|-------------------------|
|  |                        | 1,000                    |                         |
| Farm Workers                                   | 3,318                  | 2,669                    | 3,172                   |
| Self-Employed                                  | 1,594                  | 1,438                    | 1,604                   |
| Unpaid   | 611                    | 394                      | 536                     |
| Hired  | 1,113                  | 837                      | 1,032                   |
| Expected to be Employed                        |                        |                          |                         |
| 150 Days or More                               | 697                    | 634                      | 668                     |
| 149 Days or Less                               | 416                    | 203                      | 364                     |
| Agricultural Services Workers Working on Farms | 373                    | 205                      | 385                     |
| Total Farm & Service Workers                   | 3,691                  | 2,874                    | 3,557                   |
| Index - 1977=100                               |                        |                          |                         |
| All Farm Workers                               | 65                     | 70                       | 63                      |
| Hired Workers                                  | 58                     | 75                       | 54                      |
|  |                        | Dollars per Hour         |                         |
| Wage Rates for All Hired Workers <u>2/ 3/</u>  | 5.57                   | 6.05                     | 5.82                    |
| Method of Pay                                  |                        |                          |                         |
| Hourly   | 5.35                   | 5.75                     | 5.56                    |
| Piece-Rate                                     | 6.20                   | 6.52                     | 6.31                    |
| Other  | 6.03                   | 6.66                     | 6.37                    |
| Type of Worker                                 |                        |                          |                         |
| Field & Livestock Combined                     | 5.24                   | 5.63                     | 5.48                    |
| Field  | 5.26                   | 5.68                     | 5.47                    |
| Livestock                                      | 5.16                   | 5.52                     | 5.48                    |
| Supervisory                                    | 8.56                   | 9.83                     | 9.03                    |
| Other  | 7.74                   | 7.36                     | 7.57                    |
| Index - 1977=100                               |                        |                          |                         |
| All Hired Workers                              | 203                    | 212                      | 212                     |

1/ Excludes AK.

2/ Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates.

3/ Excludes Agricultural Service Workers.

Workers on Farms: Number by Region, State,  
and United States, July 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | All<br>Farm<br>Workers | Self-<br>Employed<br><u>3/</u> | Unpaid<br><u>3/</u> | Hired                   |  |                                 |
|----------------------------------|------------------------|--------------------------------|---------------------|-------------------------|--|---------------------------------|
|                                  |                        |                                |                     | Number<br>of<br>Workers | Expected to be Employed<br>: 150 Days<br>: or More <u>3/</u> | 149 Days<br>: or Less <u>3/</u> |
|                                  |                        |                                |                     | 1,000                   |  |                                 |
| NY                               | 73                     |                                |                     | 30                      |  |                                 |
| Other <u>4/</u>                  | 51                     |                                |                     | 24                      |  |                                 |
| Northeast I                      | 124                    | 52                             | 18                  | 54                      | 36   | 18                              |
| PA                               | 99                     |                                |                     | 28                      |  |                                 |
| Other <u>4/</u>                  | 50                     |                                |                     | 18                      |  |                                 |
| Northeast II                     | 149                    | 72                             | 31                  | 46                      | 35   | 11                              |
| NC                               | 118                    |                                |                     | 66                      |  |                                 |
| VA                               | 66                     |                                |                     | 24                      |  |                                 |
| Appalachian I                    | 184                    | 75                             | 19                  | 90                      | 30   | 60                              |
| Appalachian II                   | 240                    | 153                            | 40                  | 47                      | 29   | 18                              |
| Southeast                        | 155                    | 80                             | 24                  | 51                      | 31   | 20                              |
| FL                               | 67                     | 23                             | 5                   | 39                      | 33   | 6                               |
| MI                               | 75                     |                                |                     | 22                      |  |                                 |
| MN                               | 138                    |                                |                     | 31                      |  |                                 |
| WI                               | 137                    |                                |                     | 30                      |  |                                 |
| Lake                             | 350                    | 181                            | 86                  | 83                      | 49   | 34                              |
| Cornbelt I                       | 278                    | 173                            | 49                  | 56                      | 37   | 19                              |
| Cornbelt II                      | 253                    | 163                            | 46                  | 44                      | 30   | 14                              |
| Delta                            | 151                    | 86                             | 20                  | 45                      | 32   | 13                              |
| Northern Plains                  | 252                    | 153                            | 53                  | 46                      | 33   | 13                              |
| OK                               | 95                     |                                |                     | 17                      |  |                                 |
| TX                               | 235                    |                                |                     | 64                      |  |                                 |
| Southern Plains                  | 330                    | 197                            | 52                  | 81                      | 48   | 33                              |
| Mountain I                       | 96                     | 46                             | 20                  | 30                      | 19   | 11                              |
| Mountain II                      | 67                     | 34                             | 13                  | 20                      | 15   | 5                               |
| AZ                               | 29                     |                                |                     | 13                      |  |                                 |
| NM                               | 29                     |                                |                     | 7                       |  |                                 |
| Mountain III                     | 58                     | 12                             | 26                  | 20                      | 16   | 4                               |
| OR                               | 75                     |                                |                     | 30                      |  |                                 |
| WA                               | 78                     |                                |                     | 45                      |  |                                 |
| Pacific                          | 153                    | 54                             | 24                  | 75                      | 39   | 36                              |
| CA                               | 250                    | 47                             | 8                   | 195                     | 147  | 48                              |
| HI                               | 15                     | 3                              | 2                   | 10                      | 9  | 1                               |
| AK                               | .9                     | <u>6/</u>                      | <u>6/</u>           | .4                      | <u>6/</u>  | <u>6/</u>                       |
| US <u>5/</u>                     | 3,172                  | 1,604                          | 536                 | 1,032                   | 668  | 364                             |

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.

3/ Published at regional and U.S. level only. 4/ Other States in the same region. 5/ Excludes AK. 6/ Insufficient data.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,  
by Region, State, and United States, July 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | Hours Worked                |                  |       | Wage Rates for<br>All Hired Workers |
|----------------------------------|-----------------------------|------------------|-------|-------------------------------------|
|                                  | Self-<br>Employed <u>3/</u> | Unpaid <u>3/</u> | Hired |                                     |
|                                  | ----- Hours per Week -----  |                  |       | Dollars per Hour                    |
| NY                               |                             |                  | 36.7  | 5.80                                |
| Other <u>4/</u>                  |                             |                  | 39.0  | 6.79                                |
| Northeast I                      | 45.0                        | 41.2             | 37.7  | 6.24                                |
| PA                               |                             |                  | 42.0  | 6.00                                |
| Other <u>4/</u>                  |                             |                  | 44.1  | 6.50                                |
| Northeast II                     | 52.0                        | 36.0             | 42.8  | 6.20                                |
| NC                               |                             |                  | 34.2  | 4.86                                |
| VA                               |                             |                  | 38.0  | 5.40                                |
| Appalachian I                    | 36.6                        | 35.0             | 35.2  | 5.00                                |
| Appalachian II                   | 27.6                        | 29.9             | 32.4  | 5.35                                |
| Southeast                        | 33.4                        | 38.5             | 38.2  | 5.22                                |
| FL                               | 24.0                        | 30.0             | 39.5  | 6.55                                |
| MI                               |                             |                  | 35.0  | 5.68                                |
| MN                               |                             |                  | 31.0  | 6.03                                |
| WI                               |                             |                  | 46.6  | 4.82                                |
| Lake                             | 45.9                        | 40.7             | 37.7  | 5.40                                |
| Cornbelt I                       | 35.8                        | 35.9             | 36.7  | 5.82                                |
| Cornbelt II                      | 42.4                        | 37.5             | 35.0  | 5.72                                |
| Delta                            | 33.1                        | 31.3             | 39.7  | 4.89                                |
| Northern Plains                  | 49.2                        | 38.3             | 44.3  | 5.92                                |
| OK                               |                             |                  | 40.0  | 5.35                                |
| TX                               |                             |                  | 37.9  | 5.20                                |
| Southern Plains                  | 33.0                        | 36.2             | 38.3  | 5.24                                |
| Mountain I                       | 53.9                        | 46.2             | 48.4  | 5.22                                |
| Mountain II                      | 41.8                        | 38.5             | 43.5  | 5.76                                |
| AZ                               |                             |                  | 47.0  | 5.90                                |
| NM                               |                             |                  | 39.1  | 5.07                                |
| Mountain III                     | 40.4                        | 30.6             | 44.2  | 5.64                                |
| OR                               |                             |                  | 39.9  | 6.02                                |
| WA                               |                             |                  | 36.0  | 6.68                                |
| Pacific                          | 37.9                        | 35.0             | 37.6  | 6.40                                |
| CA                               | 30.7                        | 32.5             | 45.8  | 6.43                                |
| HI                               | 29.4                        | 30.1             | 38.0  | 9.01                                |
| AK                               | 38.0                        | 38.8             | 30.0  | 7.30                                |
| US <u>5/</u>                     | 39.0                        | 36.7             | 39.9  | 5.82                                |

- 1/ Excludes Agricultural Service Workers.  
2/ Region map on page 18.  
3/ Published at regional and U.S. level only.  
4/ Other States in the same region.  
5/ Excludes AK.

Hired Workers: Wage Rates by Region, State,  
and United States, July 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | Type of Worker <u>5/</u> |           |                          |           |           | Method of Pay <u>6/</u> |           |           |
|----------------------------------|--------------------------|-----------|--------------------------|-----------|-----------|-------------------------|-----------|-----------|
|                                  | Field                    | Livestock | Livestock<br>Supervisory | Other     | Hourly    | Piece<br>Rate           | Other     |           |
| Dollars per Hour                 |                          |           |                          |           |           |                         |           |           |
| NY                               | 5.82                     |           | 5.45                     |           |           | 5.99                    |           |           |
| Other <u>4/</u><br>Northeast I   | 6.71                     |           | 6.22                     |           |           | 6.93                    |           |           |
|                                  | 6.20                     | 5.05      | 5.79                     | 8.55      | 9.06      | 6.40                    | <u>3/</u> | 5.82      |
| PA                               | 5.97                     |           | 5.69                     |           |           | 6.07                    |           |           |
| Other <u>4/</u><br>Northeast II  | 6.20                     |           | 6.06                     |           |           | 6.08                    |           |           |
|                                  | 6.07                     | 5.37      | 5.83                     | 9.46      | 7.83      | 6.07                    | 7.20      | 6.24      |
| NC                               | 4.63                     |           | 4.73                     |           |           | 4.67                    |           |           |
| VA                               | 5.10                     |           | 5.19                     |           |           | 5.20                    |           |           |
| Appalachian I                    | 4.74                     | 5.64      | 4.85                     | 7.72      | 6.45      | 4.81                    | 5.83      | 5.43      |
| Appalachian II                   | 5.03                     | 4.98      | 5.02                     | 8.66      | 5.67      | 5.03                    | <u>3/</u> | 6.50      |
| Southeast                        | 4.83                     | 5.45      | 4.94                     | 9.36      | 6.70      | 4.90                    | 6.00      | 5.75      |
| FL                               | 5.99                     | 5.80      | 5.97                     | 10.70     | 7.80      | 6.00                    | <u>3/</u> | 8.70      |
| MI                               | 5.29                     |           | 5.28                     |           |           | 5.31                    |           |           |
| MN                               | 5.74                     |           | 5.68                     |           |           | 5.69                    |           |           |
| WI                               | 4.65                     |           | 4.38                     |           |           | 4.86                    |           |           |
| Lake                             | 5.31                     | 4.61      | 4.97                     | 8.30      | 5.96      | 5.32                    | 6.27      | 5.42      |
| Cornbelt I                       | 5.65                     | 5.39      | 5.52                     | 7.26      | 6.57      | 5.55                    | <u>3/</u> | 6.30      |
| Cornbelt II                      | 5.60                     | 5.47      | 5.52                     | <u>3/</u> | 5.84      | 5.49                    | <u>3/</u> | 6.25      |
| Delta                            | 4.63                     | 4.94      | 4.73                     | 7.43      | <u>3/</u> | 4.89                    | <u>3/</u> | 4.91      |
| Northern Plains                  | 5.52                     | 5.30      | 5.46                     | 9.49      | 7.78      | 5.54                    | <u>3/</u> | 6.33      |
| OK                               | 5.10                     |           | 5.16                     |           |           | 5.00                    |           |           |
| TX                               | 4.60                     |           | 5.00                     |           |           | 4.82                    |           |           |
| Southern Plains                  | 4.69                     | 5.47      | 5.03                     | 8.89      | 7.40      | 4.86                    | 5.18      | 5.73      |
| Mountain I                       | 5.06                     | 5.16      | 5.09                     | 6.36      | 5.66      | 5.12                    | 5.05      | 5.30      |
| Mountain II                      | 5.69                     | 5.19      | 5.50                     | <u>3/</u> | 7.66      | 6.02                    | <u>3/</u> | 5.41      |
| AZ                               | 5.20                     |           | 5.32                     |           |           | 5.40                    |           |           |
| NM                               | 4.37                     |           | 4.80                     |           |           | 4.71                    |           |           |
| Mountain III                     | 4.98                     | 5.73      | 5.16                     | <u>3/</u> | 7.88      | 5.23                    | <u>3/</u> | 6.72      |
| OR                               | 5.98                     |           | 5.95                     |           |           | 5.83                    |           |           |
| WA                               | 5.88                     |           | 6.21                     |           |           | 5.89                    |           |           |
| Pacific                          | 5.92                     | 7.68      | 6.10                     | 9.46      | 10.28     | 5.86                    | 7.76      | 8.34      |
| CA                               | 5.83                     | 6.82      | 6.00                     | 10.64     | 9.00      | 5.91                    | 6.44      | 8.70      |
| HI                               | 8.08                     | <u>3/</u> | 7.94                     | <u>3/</u> | <u>3/</u> | 8.19                    | <u>3/</u> | 13.11     |
| AK                               | 6.85                     | <u>3/</u> | <u>3/</u>                | <u>3/</u> | <u>3/</u> | 7.40                    | <u>3/</u> | <u>3/</u> |
| US <u>7/</u>                     | 5.47                     | 5.48      | 5.48                     | 9.03      | 7.57      | 5.56                    | 6.31      | 6.37      |

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.  
3/ Insufficient Data. 4/ Other States in the same region.  
5/ Livestock, Supervisory, and other published at regional and U.S. level  
only. 6/ Piece rate and other published at regional and U.S. level only.  
7/ Excludes AK.

Workers on Farms: Number by Region, State,  
and United States, April 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | All<br>Farm<br>Workers | Self-<br>Employed<br><u>3/</u> | Unpaid<br><u>3/</u> | Hired                   |                               |                               |
|----------------------------------|------------------------|--------------------------------|---------------------|-------------------------|-------------------------------|-------------------------------|
|                                  |                        |                                |                     | Number<br>of<br>Workers | Expected to be Employed       |                               |
|                                  |                        |                                |                     |                         | 150 Days<br>or More <u>3/</u> | 149 Days<br>or Less <u>3/</u> |
|                                  |                        |                                |                     | 1,000                   |                               |                               |
| NY                               | 62                     |                                |                     | 24                      |                               |                               |
| Other <u>4/</u>                  | 42                     |                                |                     | 21                      |                               |                               |
| Northeast I                      | 104                    | 47                             | 12                  | 45                      | 37                            | 8                             |
| PA                               | 84                     |                                |                     | 25                      |                               |                               |
| Other <u>4/</u>                  | 37                     |                                |                     | 14                      |                               |                               |
| Northeast II                     | 121                    | 59                             | 23                  | 39                      | 32                            | 7                             |
| NC                               | 86                     |                                |                     | 36                      |                               |                               |
| VA                               | 55                     |                                |                     | 11                      |                               |                               |
| Appalachian I                    | 141                    | 78                             | 16                  | 47                      | 28                            | 19                            |
| Appalachian II                   | 187                    | 129                            | 25                  | 33                      | 19                            | 14                            |
| Southeast                        | 136                    | 69                             | 20                  | 47                      | 34                            | 13                            |
| FL                               | 100                    | 32                             | 3                   | 65                      | 55                            | 10                            |
| MI                               | 77                     |                                |                     | 20                      |                               |                               |
| MN                               | 107                    |                                |                     | 18                      |                               |                               |
| WI                               | 112                    |                                |                     | 23                      |                               |                               |
| Lake                             | 296                    | 168                            | 67                  | 61                      | 46                            | 15                            |
| Cornbelt I                       | 242                    | 148                            | 43                  | 51                      | 38                            | 13                            |
| Cornbelt II                      | 202                    | 141                            | 33                  | 28                      | 21                            | 7                             |
| Delta                            | 112                    | 63                             | 12                  | 37                      | 29                            | 8                             |
| Northern Plains                  | 215                    | 143                            | 41                  | 31                      | 25                            | 6                             |
| OK                               | 75                     |                                |                     | 8                       |                               |                               |
| TX                               | 199                    |                                |                     | 53                      |                               |                               |
| Southern Plains                  | 274                    | 181                            | 32                  | 61                      | 46                            | 15                            |
| Mountain I                       | 79                     | 42                             | 14                  | 23                      | 18                            | 5                             |
| Mountain II                      | 56                     | 28                             | 8                   | 20                      | 15                            | 5                             |
| AZ                               | 29                     |                                |                     | 13                      |                               |                               |
| NM                               | 27                     |                                |                     | 7                       |                               |                               |
| Mountain III                     | 56                     | 13                             | 23                  | 20                      | 17                            | 3                             |
| OR                               | 61                     |                                |                     | 26                      |                               |                               |
| WA                               | 61                     |                                |                     | 28                      |                               |                               |
| Pacific                          | 122                    | 52                             | 16                  | 54                      | 35                            | 19                            |
| CA                               | 213                    | 42                             | 5                   | 166                     | 131                           | 35                            |
| HI                               | 13                     | 3                              | 1                   | 9                       | 8                             | 1                             |
| US <u>5/</u>                     | 2,669                  | 1,438                          | 394                 | 837                     | 634                           | 203                           |

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.

3/ Published at regional and U.S. level only.

4/ Other States in the same region.

5/ Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,  
by Region, State, and United States, April 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | Hours Worked                |                  |       | Wage Rates for<br>All Hired Workers |
|----------------------------------|-----------------------------|------------------|-------|-------------------------------------|
|                                  | Self-<br>Employed <u>3/</u> | Unpaid <u>3/</u> | Hired |                                     |
|                                  | ----- Hours per Week -----  |                  |       | Dollars per Hour                    |
| NY                               |                             |                  | 37.7  | 5.85                                |
| Other <u>4/</u>                  |                             |                  | 40.5  | 6.99                                |
| Northeast I                      | 45.9                        | 36.6             | 39.0  | 6.40                                |
| PA                               |                             |                  | 40.0  | 6.10                                |
| Other <u>4/</u>                  |                             |                  | 38.5  | 8.33                                |
| Northeast II                     | 45.7                        | 38.4             | 39.5  | 6.90                                |
| NC                               |                             |                  | 38.5  | 5.29                                |
| VA                               |                             |                  | 38.7  | 5.52                                |
| Appalachian I                    | 31.5                        | 34.1             | 38.5  | 5.34                                |
| Appalachian II                   | 24.7                        | 28.2             | 35.3  | 5.11                                |
| Southeast                        | 33.2                        | 36.8             | 38.8  | 5.22                                |
| FL                               | 23.0                        | 39.5             | 35.0  | 6.39                                |
| MI                               |                             |                  | 41.6  | 6.34                                |
| MN                               |                             |                  | 32.3  | 6.59                                |
| WI                               |                             |                  | 40.2  | 5.17                                |
| Lake                             | 42.6                        | 35.5             | 38.3  | 5.92                                |
| Cornbelt I                       | 34.8                        | 31.4             | 37.4  | 6.42                                |
| Cornbelt II                      | 39.3                        | 34.1             | 35.6  | 5.74                                |
| Delta                            | 35.5                        | 34.1             | 49.3  | 5.03                                |
| Northern Plains:                 | 47.5                        | 38.8             | 41.9  | 5.81                                |
| OK                               |                             |                  | 35.7  | 6.00                                |
| TX                               |                             |                  | 37.7  | 5.27                                |
| Southern Plains:                 | 30.5                        | 34.0             | 37.4  | 5.37                                |
| Mountain I                       | 44.9                        | 37.6             | 48.1  | 5.27                                |
| Mountain II                      | 38.7                        | 42.3             | 36.9  | 5.72                                |
| AZ                               |                             |                  | 48.0  | 5.26                                |
| NM                               |                             |                  | 43.6  | 6.06                                |
| Mountain III                     | 39.1                        | 29.0             | 46.5  | 5.51                                |
| OR                               |                             |                  | 35.4  | 6.36                                |
| WA                               |                             |                  | 39.0  | 6.45                                |
| Pacific                          | 33.4                        | 30.7             | 37.3  | 6.41                                |
| CA                               | 31.7                        | 31.1             | 42.3  | 6.70                                |
| HI                               | 28.3                        | 31.0             | 36.6  | 9.17                                |
| US <u>5/</u>                     | 36.5                        | 34.5             | 39.6  | 6.05                                |

1/ Excludes Agricultural Service Workers.

2/ Region map on page 18.

3/ Published at regional and U.S. level only.

4/ Other States in the same region.

5/ Excludes AK.



Hired Workers: Wage Rates by Region, State,  
and United States, April 12-18, 1992 1/

| State<br>and<br>Region <u>2/</u> | Type of Worker <u>5/</u> |           |                           |           |           | Method of Pay <u>6/</u> |           |       |
|----------------------------------|--------------------------|-----------|---------------------------|-----------|-----------|-------------------------|-----------|-------|
|                                  | Field                    | Livestock | Livestock:<br>Supervisory | Other     | Hourly    | Piece<br>Rate           | Other     |       |
|                                  | Dollars per Hour         |           |                           |           |           |                         |           |       |
| NY                               | 5.77                     |           | 5.50                      |           |           | 6.14                    |           |       |
| Other <u>4/</u>                  | 6.65                     |           | 6.19                      |           |           | 6.70                    |           |       |
| Northeast I                      | 6.22                     | 5.26      | 5.82                      | 10.28     | 8.06      | 6.41                    | <u>3/</u> | 6.39  |
| PA                               | 5.70                     |           | 5.62                      |           |           | 6.15                    |           |       |
| Other <u>4/</u>                  | 7.94                     |           | 7.12                      |           |           | 7.40                    |           |       |
| Northeast II                     | 6.48                     | 5.54      | 6.11                      | 11.24     | 7.98      | 6.62                    | <u>3/</u> | 7.31  |
| NC                               | 4.72                     |           | 4.93                      |           |           | 5.12                    |           |       |
| VA                               | 5.00                     |           | 5.08                      |           |           | 5.29                    |           |       |
| Appalachian I                    | 4.77                     | 5.55      | 4.97                      | 9.85      | 6.54      | 5.16                    | <u>3/</u> | 5.78  |
| Appalachian II                   | 4.90                     | 5.21      | 4.98                      | <u>3/</u> | <u>3/</u> | 4.98                    | <u>3/</u> | 5.49  |
| Southeast                        | 4.53                     | 5.42      | 4.76                      | 10.07     | 8.48      | 4.94                    | <u>3/</u> | 5.88  |
| FL                               | 5.91                     | 6.30      | 5.97                      | 10.70     | 8.15      | 5.80                    | 6.55      | 8.40  |
| MI                               | 5.27                     |           | 5.73                      |           |           | 5.62                    |           |       |
| MN                               | 7.17                     |           | 6.55                      |           |           | 6.86                    |           |       |
| WI                               | 5.97                     |           | 4.76                      |           |           | 4.97                    |           |       |
| Lake                             | 6.19                     | 5.16      | 5.52                      | 10.14     | 7.32      | 5.71                    | <u>3/</u> | 6.23  |
| Cornbelt I                       | 6.48                     | 5.75      | 6.32                      | 7.73      | 5.68      | 6.32                    | <u>3/</u> | 6.63  |
| Cornbelt II                      | 5.37                     | 5.58      | 5.49                      | 7.89      | 5.44      | 5.37                    | <u>3/</u> | 6.40  |
| Delta                            | 4.82                     | 5.07      | 4.85                      | 7.45      | <u>3/</u> | 4.87                    | <u>3/</u> | 5.44  |
| Northern Plains                  | 5.62                     | 5.57      | 5.60                      | 8.85      | 5.72      | 5.72                    | <u>3/</u> | 5.89  |
| OK                               | 5.35                     |           | 5.84                      |           |           | 5.83                    |           |       |
| TX                               | 4.79                     |           | 4.81                      |           |           | 4.86                    |           |       |
| Southern Plains                  | 4.84                     | 5.13      | 4.95                      | 9.72      | 7.12      | 5.01                    | <u>3/</u> | 5.76  |
| Mountain I                       | 5.28                     | 4.93      | 5.13                      | 6.05      | <u>3/</u> | 5.39                    | <u>3/</u> | 5.21  |
| Mountain II                      | 5.62                     | 5.11      | 5.40                      | <u>3/</u> | <u>3/</u> | 5.52                    | <u>3/</u> | 6.02  |
| AZ                               | 4.90                     |           | 5.05                      |           |           | 4.90                    |           |       |
| NM                               | 5.18                     |           | 5.36                      |           |           | 5.66                    |           |       |
| Mountain III                     | 4.97                     | 5.49      | 5.14                      | <u>3/</u> | <u>3/</u> | 5.12                    | <u>3/</u> | 6.25  |
| OR                               | 6.05                     |           | 6.03                      |           |           | 6.09                    |           |       |
| WA                               | 5.68                     |           | 6.02                      |           |           | 6.02                    |           |       |
| Pacific                          | 5.86                     | 7.12      | 6.02                      | 8.68      | 7.35      | 6.06                    | 6.07      | 7.40  |
| CA                               | 6.12                     | 6.40      | 6.16                      | 12.30     | 8.84      | 6.10                    | 6.70      | 10.12 |
| HI                               | 8.20                     | <u>3/</u> | 8.16                      | <u>3/</u> | <u>3/</u> | 8.24                    | <u>3/</u> | 13.06 |
| US <u>7/</u>                     | 5.68                     | 5.52      | 5.63                      | 9.83      | 7.36      | 5.75                    | 6.52      | 6.66  |

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.

3/ Insufficient data.

4/ Other States in the same region.

5/ Livestock, Supervisory, and other published at regional and U.S. level only.

6/ Piece Rate and other published at regional and U.S. level only.

7/ Excludes AK.

Workers on Farms: Number by Region, State,  
and United States, July 7-13, 1991 <sup>1/</sup>

| State<br>and<br>Region <sup>2/</sup> | All<br>Farm<br>Workers<br><sup>3/</sup> | Self-<br>Employed<br><sup>3/</sup> | Unpaid<br><sup>3/</sup> | Hired                   |  |                                   |
|--------------------------------------|---|------------------------------------|-------------------------|-------------------------|--|-----------------------------------|
|                                      |   |                                    |                         | Number<br>of<br>Workers | Expected to be Employed<br>150 Days<br>or More <sup>3/</sup> | 149 Days<br>or Less <sup>3/</sup> |
|                                      |   |                                    |                         | 1,000                   |  |                                   |
| NY                                   |   |                                    |                         | 33                      |  |                                   |
| Other <sup>4/</sup>                  |   |                                    |                         | 28                      |  |                                   |
| Northeast I                          | 131                                     | 49                                 | 21                      | 61                      | 44   | 17                                |
| PA                                   |   |                                    |                         | 35                      |  |                                   |
| Other <sup>4/</sup>                  |   |                                    |                         | 16                      |  |                                   |
| Northeast II                         | 144                                     | 65                                 | 28                      | 51                      | 42   | 9                                 |
| NC                                   |   |                                    |                         | 71                      |  |                                   |
| VA                                   |   |                                    |                         | 22                      |  |                                   |
| Appalachian I                        | 210                                     | 91                                 | 26                      | 93                      | 36   | 57                                |
| Appalachian II                       | 209                                     | 144                                | 28                      | 37                      | 21   | 16                                |
| Southeast                            | 164                                     | 76                                 | 26                      | 62                      | 32   | 30                                |
| FL                                   | 74                                      | 22                                 | 7                       | 45                      | 42   | 3                                 |
| MI                                   |   |                                    |                         | 48                      |  |                                   |
| MN                                   |   |                                    |                         | 23                      |  |                                   |
| WI                                   |   |                                    |                         | 35                      |  |                                   |
| Lake                                 | 407                                     | 183                                | 118                     | 106                     | 54   | 52                                |
| Cornbelt I                           | 293                                     | 178                                | 61                      | 54                      | 33   | 21                                |
| Cornbelt II                          | 259                                     | 158                                | 57                      | 44                      | 26   | 18                                |
| Delta                                | 152                                     | 78                                 | 15                      | 59                      | 37   | 22                                |
| Northern Plains:                     | 267                                     | 152                                | 69                      | 46                      | 29   | 17                                |
| OK                                   |   |                                    |                         | 14                      |  |                                   |
| TX                                   |   |                                    |                         | 53                      |  |                                   |
| Southern Plains:                     | 301                                     | 180                                | 54                      | 67                      | 42   | 25                                |
| Mountain I                           | 98                                      | 45                                 | 21                      | 32                      | 21   | 11                                |
| Mountain II                          | 71                                      | 33                                 | 17                      | 21                      | 14   | 7                                 |
| AZ                                   |   |                                    |                         | 14                      |  |                                   |
| NM                                   |   |                                    |                         | 9                       |  |                                   |
| Mountain III                         | 59                                      | 12                                 | 24                      | 23                      | 19   | 4                                 |
| OR                                   |   |                                    |                         | 43                      |  |                                   |
| WA                                   |   |                                    |                         | 49                      |  |                                   |
| Pacific                              | 184                                     | 69                                 | 23                      | 92                      | 36   | 56                                |
| CA                                   | 280                                     | 55                                 | 15                      | 210                     | 160  | 50                                |
| HI                                   | 15                                      | 4                                  | 1                       | 10                      | 9  | 1                                 |
| AK                                   | .8                                      | <u>6/</u>                          | <u>6/</u>               | .4                      | <u>6/</u>  | <u>6/</u>                         |
| US <sup>5/</sup>                     | 3,318                                   | 1,594                              | 611                     | 1,113                   | 697  | 416                               |

<sup>1/</sup> Excludes Agricultural Service Workers. <sup>2/</sup> Region map on page 18.  
<sup>3/</sup> Published at regional and U.S. level only. <sup>4/</sup> Other States in the same  
region. <sup>5/</sup> Excludes AK. <sup>6/</sup> Insufficient data.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,  
by Region, State, and United States, July 7-13, 1991 1/

| State<br>and<br>Region <u>2/</u> | Hours Worked <u>3/</u>   |        |       | Wage Rates for<br>All Hired Workers |
|----------------------------------|--------------------------|--------|-------|-------------------------------------|
|                                  | Self-<br>Employed        | Unpaid | Hired |                                     |
|                                  | ---- Hours per Week ---- |        |       | Dollars per Hour                    |
| NY                               |                          |        |       | 5.81                                |
| Other <u>4/</u>                  |                          |        |       | 6.32                                |
| Northeast I                      | 49.6                     | 39.2   | 40.7  | 6.05                                |
| PA                               |                          |        |       | 5.62                                |
| Other <u>4/</u>                  |                          |        |       | 5.93                                |
| Northeast II                     | 44.0                     | 41.7   | 40.5  | 5.71                                |
| NC                               |                          |        |       | 4.96                                |
| VA                               |                          |        |       | 4.95                                |
| Appalachian I                    | 31.9                     | 31.2   | 31.7  | 4.96                                |
| Appalachian II                   | 27.5                     | 30.6   | 33.6  | 5.12                                |
| Southeast                        | 35.0                     | 42.3   | 36.1  | 4.97                                |
| FL                               | 28.5                     | 35.0   | 38.5  | 6.35                                |
| MI                               |                          |        |       | 5.45                                |
| MN                               |                          |        |       | 5.46                                |
| WI                               |                          |        |       | 4.34                                |
| Lake                             | 53.4                     | 41.0   | 37.8  | 5.08                                |
| Cornbelt I                       | 39.3                     | 38.3   | 33.9  | 5.70                                |
| Cornbelt II                      | 47.5                     | 38.4   | 32.7  | 5.47                                |
| Delta                            | 33.5                     | 37.0   | 44.6  | 4.65                                |
| Northern Plains                  | 57.1                     | 45.2   | 43.7  | 5.26                                |
| OK                               |                          |        |       | 5.42                                |
| TX                               |                          |        |       | 4.88                                |
| Southern Plains                  | 36.8                     | 35.2   | 44.3  | 4.99                                |
| Mountain I                       | 54.9                     | 47.1   | 45.3  | 5.04                                |
| Mountain II                      | 48.2                     | 37.7   | 42.3  | 5.49                                |
| AZ                               |                          |        |       | 5.84                                |
| NM                               |                          |        |       | 4.65                                |
| Mountain III                     | 43.4                     | 41.0   | 45.8  | 5.43                                |
| OR                               |                          |        |       | 5.75                                |
| WA                               |                          |        |       | 5.80                                |
| Pacific                          | 34.8                     | 37.5   | 39.5  | 5.78                                |
| CA                               | 35.8                     | 37.4   | 46.0  | 6.23                                |
| HI                               | 30.5                     | 32.7   | 38.4  | 8.70                                |
| AK                               | 39.0                     | 41.0   | 30.0  | 6.65                                |
| US <u>5/</u>                     | 41.8                     | 39.3   | 40.1  | 5.57                                |

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.

3/ Published at regional and U.S. level only.

4/ Other States in the same region.

5/ Excludes AK.

Hired Workers: Wage Rates by Region, State,  
and United States, July 7-13, 1991 1/

| Region <u>2/</u> | Type of Worker |           |           |           |           | Method of Pay |            |           |
|------------------|----------------|-----------|-----------|-----------|-----------|---------------|------------|-----------|
|                  | Field          | Livestock | Livestock | visory    | Other     | Hourly        | Piece Rate | Other     |
| Dollars per Hour |                |           |           |           |           |               |            |           |
| Northeast I      | 5.81           | 5.18      | 5.56      | 8.13      | 9.07      | 5.98          | <u>3/</u>  | 6.19      |
| Northeast II     | 5.44           | 5.14      | 5.36      | 8.59      | 6.79      | 5.37          | 6.39       | 5.85      |
| Appalachian I    | 4.69           | 5.50      | 4.79      | 8.04      | <u>3/</u> | 4.75          | 5.73       | 6.08      |
| Appalachian II   | 4.94           | 5.04      | 4.96      | <u>3/</u> | <u>3/</u> | 5.03          | <u>3/</u>  | 5.55      |
| Southeast        | 4.37           | 5.39      | 4.53      | 10.21     | 6.58      | 4.73          | 4.51       | 6.00      |
| FL               | 5.74           | 5.55      | 5.71      | 10.90     | 7.65      | 5.83          | <u>3/</u>  | 7.85      |
| Lake             | 5.17           | 4.26      | 4.93      | 6.96      | 6.49      | 5.39          | 4.81       | 4.47      |
| Cornbelt I       | 5.45           | 5.66      | 5.51      | 6.59      | 6.27      | 5.48          | 6.78       | 5.92      |
| Cornbelt II      | 4.92           | 5.16      | 5.00      | 8.33      | 5.62      | 4.96          | <u>3/</u>  | 6.96      |
| Delta            | 4.50           | 4.56      | 4.51      | 7.23      | <u>3/</u> | 4.52          | <u>3/</u>  | 5.03      |
| Northern Plains  | 4.83           | 5.13      | 4.91      | 7.98      | 6.63      | 5.31          | <u>3/</u>  | 5.20      |
| Southern Plains  | 4.81           | 4.89      | 4.83      | 7.71      | <u>3/</u> | 4.86          | <u>3/</u>  | 5.22      |
| Mountain I       | 4.99           | 4.66      | 4.88      | 6.00      | <u>3/</u> | 5.31          | 5.41       | 4.76      |
| Mountain II      | 5.09           | 5.41      | 5.22      | <u>3/</u> | <u>3/</u> | 5.01          | <u>3/</u>  | 6.05      |
| Mountain III     | 5.06           | 5.29      | 5.12      | 7.19      | 7.27      | 5.12          | <u>3/</u>  | 5.93      |
| Pacific          | 5.50           | 4.98      | 5.47      | 8.01      | 8.79      | 5.47          | 5.92       | 6.76      |
| CA               | 5.77           | 6.39      | 5.82      | 11.10     | 10.00     | 5.76          | 7.25       | 8.43      |
| HI               | 8.02           | <u>3/</u> | 7.92      | 13.96     | <u>3/</u> | 7.96          | <u>3/</u>  | 12.03     |
| AK               | 6.00           | <u>3/</u> | <u>3/</u> | <u>3/</u> | <u>3/</u> | 6.26          | <u>3/</u>  | <u>3/</u> |
| US <u>4/</u>     | 5.26           | 5.16      | 5.24      | 8.56      | 7.74      | 5.35          | 6.20       | 6.03      |

- 1/ Excludes Agricultural Service Workers.  
2/ Region map on page 18.  
3/ Insufficient Data.  
4/ Excludes AK.

All Hired Workers: Number, Hours Worked, and Wage Rates,  
Selected States, June 7-13, 1992 <sup>1/</sup>

| State | Number<br>of<br>Workers | Average<br>Hours<br>Worked | Wage Rates <sup>2/</sup> |                |                  |                               |
|-------|-------------------------|----------------------------|--------------------------|----------------|------------------|-------------------------------|
|       |                         |                            | All<br>Hired             | Paid<br>Hourly | Field<br>Workers | Field & Lvstk<br>Workers Comb |
|       | 1,000                   | Hours                      | Dollars per Hour         |                |                  |                               |
| NY    | 25                      | 38.0                       | 6.10                     | 6.05           | 6.15             | 5.79                          |
| PA    | 35                      | 38.0                       | 6.10                     | 5.93           | 5.55             | 5.57                          |
| NC    | 38                      | 26.0                       | 5.07                     | 4.66           | 4.67             | 4.83                          |
| FL    | 38                      | 37.5                       | 6.51                     | 5.78           | 5.87             | 5.97                          |
| MI    | 37                      | 33.1                       | 6.14                     | 5.51           | 5.82             | 5.71                          |
| WI    | 38                      | 31.7                       | 4.75                     | 4.95           | 5.03             | 4.65                          |
| TX    | 50                      | 33.4                       | 5.11                     | 4.94           | 4.82             | 4.92                          |
| NM    | 8                       | 36.4                       | 5.53                     | 5.34           | 5.00             | 5.25                          |
| OR    | 28                      | 40.2                       | 6.54                     | 6.15           | 6.13             | 6.14                          |
| WA    | 68                      | 35.0                       | 5.78                     | 5.65           | 5.68             | 5.71                          |
| CA    | 210                     | 40.2                       | 6.28                     | 5.71           | 5.78             | 5.85                          |

Agricultural Service Workers: Number, Hours Worked, and Wage Rates,  
California and Florida, June 7-13, 1992

| State | Number<br>Working<br>on<br>Farms | Average<br>Hours<br>Worked | Wage Rates <sup>2/</sup> |                |                    |                  |
|-------|----------------------------------|----------------------------|--------------------------|----------------|--------------------|------------------|
|       |                                  |                            | All<br>Hired             | Paid<br>Hourly | Paid<br>Piece Rate | Field<br>Workers |
|       | 1,000                            | Hours                      | Dollars per Hour         |                |                    |                  |
| FL    | 1.5                              | 34.0                       | 7.30                     | 6.75           | 7.20               | 6.48             |
| CA    | 60.0                             | 36.7                       | 5.76                     | 5.22           | 7.00               | 5.48             |

<sup>1/</sup> Excludes Agricultural Service Workers.

<sup>2/</sup> Benefits such as housing and meals are provided some workers but the values are not included in the wage rates.

Field and Livestock Workers Combined: Wage Rates,  
by Type of Farm, by Region and 48 States 1/

| Region <u>2/</u> | July 7-13, 1991  |                 |                     |              | July 12-18, 1992 |                 |                     |              |
|------------------|------------------|-----------------|---------------------|--------------|------------------|-----------------|---------------------|--------------|
|                  | Field:<br>Crops  | Other:<br>Crops | L'stk &:<br>Poultry | All<br>Farms | Field:<br>Crops  | Other:<br>Crops | L'stk &:<br>Poultry | All<br>Farms |
|                  | Dollars per Hour |                 |                     |              |                  |                 |                     |              |
| Northeast        | 5.46             | 5.89            | 4.94                | 5.47         | 6.01             | 6.09            | 5.30                | 5.81         |
| Appalachian      | 4.55             | 5.48            | 5.08                | 4.84         | 4.58             | 5.67            | 5.11                | 4.90         |
| Southeast        | 4.35             | 5.50            | 5.07                | 5.07         | 4.94             | 5.57            | 5.36                | 5.38         |
| Lake             | 6.21             | 5.16            | 4.22                | 4.93         | 5.73             | 5.71            | 4.45                | 4.97         |
| Cornbelt         | 5.17             | 5.56            | 5.23                | 5.27         | 5.72             | 6.27            | 5.20                | 5.52         |
| Delta            | 4.53             | 4.27            | 4.76                | 4.51         | 4.64             | 4.26            | 5.05                | 4.73         |
| Northern Plains  | 5.07             | 5.46            | 4.74                | 4.91         | 5.56             | 5.42            | 5.39                | 5.46         |
| Southern Plains  | 4.66             | 4.30            | 5.06                | 4.83         | 4.49             | 6.12            | 5.03                | 5.03         |
| Mountain         | 4.94             | 5.22            | 5.07                | 5.05         | 5.41             | 5.02            | 5.14                | 5.22         |
| Pacific          | 5.66             | 5.71            | 5.93                | 5.72         | 5.69             | 5.90            | 6.84                | 6.03         |
| 48 States        | 4.89             | 5.57            | 5.00                | 5.22         | 5.09             | 5.82            | 5.31                | 5.45         |

All Hired Workers: Wage Rates, by Economic Class of Farm,  
by Region and 48 States 1/

| Region <u>2/</u> | July 7-13, 1991            |        |          |             | July 12-18, 1992           |        |          |             |      |      |
|------------------|----------------------------|--------|----------|-------------|----------------------------|--------|----------|-------------|------|------|
|                  | Gross Value Sales-\$1000's |        |          |             | Gross Value Sales-\$1000's |        |          |             |      |      |
|                  | <40:                       | 40-99: | 100-249: | 250+: Farms | <40:                       | 40-99: | 100-249: | 250+: Farms |      |      |
|                  | Dollars per Hour           |        |          |             |                            |        |          |             |      |      |
| N. East          | 6.04                       | 4.53   | 5.07     | 6.36        | 5.90                       | 6.62   | 5.65     | 5.46        | 6.49 | 6.22 |
| Appal.           | 4.60                       | 4.88   | 4.87     | 5.43        | 5.01                       | 4.61   | 4.88     | 5.03        | 5.49 | 5.12 |
| S. East          | 4.42                       | 5.63   | 4.80     | 6.08        | 5.63                       | 4.90   | 5.48     | 5.23        | 6.15 | 5.81 |
| Lake             | 3.91                       | 4.75   | 4.88     | 5.57        | 5.08                       | 4.20   | 4.63     | 4.20        | 6.34 | 5.40 |
| Cornbelt         | 4.58                       | 5.06   | 5.36     | 6.21        | 5.59                       | 4.53   | 5.44     | 5.44        | 6.26 | 5.78 |
| Delta            | 4.74                       | 4.60   | 4.52     | 4.73        | 4.65                       | 4.47   | 4.72     | 4.52        | 5.31 | 4.89 |
| N. Plains:       | 3.88                       | 4.80   | 4.94     | 5.66        | 5.26                       | 5.33   | 5.15     | 5.64        | 6.41 | 5.92 |
| S. Plains:       | 5.19                       | 4.64   | 4.74     | 5.33        | 4.99                       | 4.68   | 5.61     | 5.15        | 5.22 | 5.24 |
| Mountain         | 5.33                       | 5.14   | 4.90     | 5.48        | 5.28                       | 4.88   | 5.27     | 4.93        | 5.82 | 5.48 |
| Pacific          | 5.53                       | 6.52   | 5.83     | 6.15        | 6.10                       | 5.86   | 5.71     | 5.91        | 6.56 | 6.42 |
| 48 States:       | 4.84                       | 5.05   | 5.07     | 5.92        | 5.54                       | 5.00   | 5.25     | 5.21        | 6.23 | 5.79 |

1/ Excludes Agricultural Service Workers.

2/ Regions consist of the following States.

Northeast: CT, DE, MD, ME, MA, NH, NJ, NY, PA, RI, VT.

Appalachian: KY, NC, TN, VA, WV.

Southeast: AL, FL, GA, SC.

Lake: MI, MN, WI.

Cornbelt: IA, IL, IN, MO, OH.

Delta: AR, LA, MS.

Northern Plains: KS, NE, ND, SD.

Southern Plains: OK, TX.

Mountain: AZ, CO, ID, MT, NM, NV, UT, WY.

Pacific: CA, OR, WA.

48 States: All States, excluding AK and HI.

Field and Livestock Workers: Distribution  
by Type of Farm, 48 States 1/

| Type of Farm                   | July 7-13,<br>1991                                  | April 12-18,<br>1992 | July 12-18,<br>1992 |
|--------------------------------|---|----------------------|---------------------|
|                                | Percent of Field and Livestock Workers <u>2/ 3/</u> |                      |                     |
| Field Crops                    | 30  | 22                   | 29                  |
| Other Crops                    | 43  | 47                   | 38                  |
| Livestock, Dairy,<br>& Poultry | 27  | 31                   | 33                  |
|                                | 100.0   | 100.0                | 100.0               |

Hired Workers: Distribution  
by Economic Class of Farm, 48 States 1/

| Gross Value<br>of Sales | July 7-13,<br>1991                 | April 12-18,<br>1992 | July 12-18,<br>1992 |
|-------------------------|------------------------------------|----------------------|---------------------|
|                         | Percent of Hired Workers <u>3/</u> |                      |                     |
| Less than \$40,000      | 14                                 | 10                   | 12                  |
| \$40,000-\$99,999       | 15                                 | 12                   | 14                  |
| \$100,000-\$249,999     | 20                                 | 19                   | 22                  |
| \$250,000 and over      | 51                                 | 59                   | 52                  |
|                         | 100.0                              | 100.0                | 100.0               |

1/ 48 States, excluding AK and HI.

2/ Field and Livestock Workers combined.

3/ Excludes Agricultural Service Workers.

Hired Workers: Distribution by Category, United States 1/ 2/

| Category                  | July 7-13,<br>1991       | April 12-18,<br>1992 | July 12-18,<br>1992 |
|---------------------------|--------------------------|----------------------|---------------------|
|                           | Percent of Hired Workers |                      |                     |
| Employed on Farms Hiring: |                          |                      |                     |
| 1 Worker                  | 11                       | 13                   | 13                  |
| 2 Workers                 | 10                       | 12                   | 11                  |
| 3-6 Workers               | 24                       | 19                   | 25                  |
| 7-10 Workers              | 11                       | 9                    | 10                  |
| At least 11 Workers       | 44                       | 47                   | 41                  |
|                           | 100.0                    | 100.0                | 100.0               |
| Payment Method:           |                          |                      |                     |
| Hourly                    | 72                       | 70                   | 70                  |
| Piece-Rate                | 8                        | 6                    | 6                   |
| Other Methods             | 20                       | 24                   | 24                  |
|                           | 100.0                    | 100.0                | 100.0               |
| Benefits: <u>3/</u>       |                          |                      |                     |
| Housing and Meals         | 6                        | 5                    | 7                   |
| Housing (no Meals)        | 13                       | 12                   | 16                  |
| Meals (no Housing)        | 4                        | 3                    | 3                   |
| Bonus                     | 4                        | 5                    | 4                   |
| Other Benefits            | 11                       | 16                   | 11                  |
| Wages Only                | 62                       | 59                   | 59                  |
|                           | 100.0                    | 100.0                | 100.0               |

1/ Excludes Agricultural Service Workers.

2/ Excludes AK.

3/ Benefits are in priority from highest to lowest. Each worker is counted one time in the highest category, even though benefits in a lower category may be received. Housing and meals is comparable to room and board used in previous reports. Other benefits include transportation, life and health insurance, utilities, etc.



## Agricultural Services

Crew leaders and custom crews provided 385,000 workers for the Nation's farms and ranches during the week of July 12-18, 1992. Service workers in California numbered 81,000 compared with 70,000 during the July 1991 survey week. Florida's number of service workers was 3,800, compared to 3,100 last year.

The average wages received by agricultural service workers in California and Florida were \$5.58 and \$6.17 per hour, respectively. Comparable wages in July 1991 were \$5.56 in California and \$7.21 in Florida.

Agricultural Service Workers: Number, Hours Worked, and Wage Rates,  
for California, Florida, and United States 1/

| Item                               | : July 7-13, 1991            |        |         | : April 12-18, 1992 |        |         | : July 12-18, 1992 |             |         |
|------------------------------------|------------------------------|--------|---------|---------------------|--------|---------|--------------------|-------------|---------|
|                                    | : CA                         | : FL   | : US    | : CA                | : FL   | : US    | : CA               | : FL        | : US    |
|                                    | : 1,000                      |        |         |                     |        |         |                    |             |         |
| Number of Workers Working on Farms | : 70.0                       | : 3.1  | : 373.0 | : 41.0              | : 11.0 | : 205.0 | : 81.0             | : 3.8       | : 385.0 |
|                                    | : Hours <u>2/</u>            |        |         |                     |        |         |                    |             |         |
| Hours Worked                       | : 40.3                       | : 32.3 | : -     | : 36.5              | : 27.0 | : -     | : 41.1             | : 41.0      | : -     |
|                                    | : Dollars per Hour <u>2/</u> |        |         |                     |        |         |                    |             |         |
| Wage Rates <u>3/</u>               | : 5.56                       | : 7.21 | : -     | : 5.82              | : 7.85 | : -     | : 5.58             | : 6.17      | : -     |
| Method of Pay                      | :                            |        |         |                     |        |         |                    |             |         |
| Hourly                             | : 5.10                       | : 6.90 | : -     | : 5.41              | : 6.50 | : -     | : 5.15             | : 6.00      | : -     |
| Piece-Rate                         | : 7.21                       | : 8.35 | : -     | : 6.75              | : 7.90 | : -     | : 7.12             | : <u>4/</u> | : -     |
| Type of Work                       | :                            |        |         |                     |        |         |                    |             |         |
| Field                              | : 5.38                       | : 7.04 | : -     | : 5.59              | : 7.39 | : -     | : 5.42             | : 5.99      | : -     |

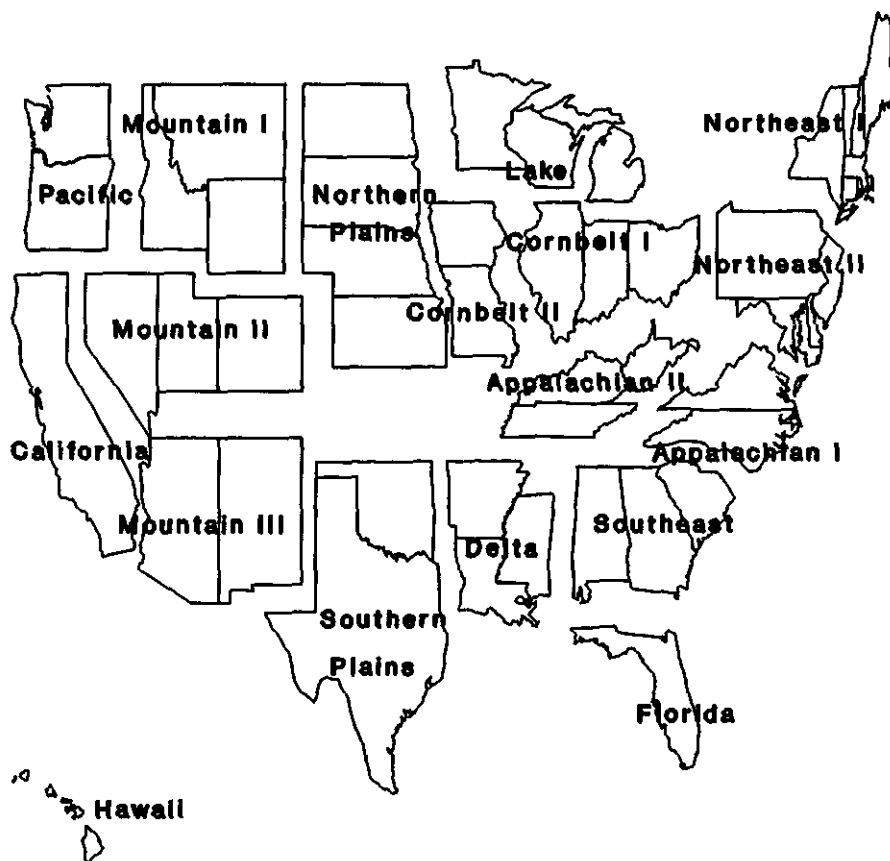
1/ Data are for Agricultural Services performed on the farm by custom service units such as crew leaders or custom crews. These statistics are not included in the State-Regional tables.

2/ United States data not available.

3/ Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates.

4/ Insufficient data.

## Farm Labor Regions



| Region          | States                      |
|-----------------|-----------------------------|
| Northeast I     | CT, ME, MA, NH, NY, RI, VT. |
| Northeast II    | DE, MD, NJ, PA.             |
| Appalachian I   | NC, VA.                     |
| Appalachian II  | KY, TN, WV.                 |
| Southeast       | AL, GA, SC.                 |
| Lake            | MI, MN, WI.                 |
| Cornbelt I      | IL, IN, OH.                 |
| Cornbelt II     | IA, MO.                     |
| Delta           | AR, LA, MS.                 |
| Northern Plains | KS, NE, ND, SD.             |
| Southern Plains | OK, TX.                     |
| Mountain I      | ID, MT, WY.                 |
| Mountain II     | CO, NV, UT.                 |
| Mountain III    | AZ, NM.                     |
| Pacific         | OR, WA.                     |

## Reliability of Farm Labor Estimates

**Survey Procedures:** These data were collected by the National Agricultural Statistics Service during the last two weeks of July using sampling procedures to ensure every employer of agricultural workers had a chance of being selected.

Two samples of farm operators are selected. First, NASS maintains a list of farms that hire farm workers. Farms on this list are classified by size and type. Those expected to employ large numbers of workers are selected with greater frequency than those hiring few or no workers. A second sample consists of segments of land scientifically selected from aerial photography. Each June, highly trained interviewers locate each selected land segment and identify every farm operating land within the sample segment's boundaries. The names of farms found in these area segments are matched against the list of farms; those not found on the list are included in the labor survey sample to represent all farms not on the NASS list. This methodology is known as multiple frame sampling, with an area sample used to measure the incompleteness of the list. Additionally, a list of agricultural service firms was sampled in California and Florida. The survey reference week was July 12-18, 1992.

**Reliability:** Two types of errors, sampling and nonsampling, are possible in an estimate based on a sample survey. Both types affect the "precision" of the estimates.

Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey estimate, plus or minus two times the sampling error. The sampling error expressed as a percent of the estimate is called the relative sampling error. The relative sampling error for number of all non-salaried workers at the U.S. level was 2.4 percent and 3.5 percent for all hired workers. The relative sampling error for number of hired workers generally ranged between 10 and 20 percent at the regional and published State level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.1 percent. The relative sampling error was 0.9 percent for hourly paid workers and was 1.0 percent for the combined field and livestock worker wage rate. Relative sampling errors for the all hired farm worker wage rate generally ranged between 2 and 5 percent at the regional and published State levels. Relative sampling errors for wage rates published by type of farm and economic class of farm ranged between 2 and 6 percent at the regional level.

Nonsampling errors can occur in complete censuses as well as in sample surveys. They are caused by the inability to obtain correct information from each operation sampled, differences in interpreting questions or definitions, and mistakes in coding or processing the data. Special efforts are taken at each step of the survey to minimize nonsampling errors.

**Revision Policy:** Farm labor information is subject to revision the next time the information is published or the year after the original publication date. The basis for revision must be supported by additional data that directly affect the level of the estimate. Worker numbers and wage rates for April, and June of 1992, and July 1991 were subject to revision with this report. No revisions were made but previous data are reprinted in this report for your information.

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The next "Farm Labor" report will be released at 3:00 p.m. ET on September 11, 1992.

The September 11th report will have information for the survey week of August 9-15, 1992. The report will include the number of hired workers and the average hours worked. Wage rate information will include the all hired worker wage rate, the hourly wage rate, the field worker wage rate, and the combined field and livestock worker wage rates for the monthly and seasonal States. The monthly States are California, Florida, New Mexico, and Texas. The seasonal States are Michigan, New York, North Carolina, Oregon, Pennsylvania, Washington, and Wisconsin. No regional or U.S. level information will be included. The number of Agricultural Service Workers and the corresponding wage rates will be published for California and Florida.



