

# CENSUS OF DRAINAGE—UNITED STATES SUMMARY

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TABLE 27.—LAND SERVED BY DRAINAGE PUMPS, CAPACITIES OF ENGINES OR MOTORS AND OF PUMPS, AVERAGE LIFT OF WATER, AND PLANT RATIO, BY DIVISIONS AND STATES, 1940

|    | DIVISION AND STATE      | Land served  | Engine or motor capacity | PUMP CAPACITY             |                           |                    | Average lift of water | Plant ratio <sup>1</sup> |
|----|-------------------------|--------------|--------------------------|---------------------------|---------------------------|--------------------|-----------------------|--------------------------|
|    |                         |              |                          | Total                     | Per acre                  | Depth per 24 hours |                       |                          |
|    |                         | <i>Acres</i> | <i>Horsepower</i>        | <i>Gallons per minute</i> | <i>Gallons per minute</i> | <i>Inches</i>      | <i>Feet</i>           |                          |
| 1  | Total (23 States) ..... | 2,316,867    | 102,196                  | 20,716,025                | 8.9                       | 0.47               | 9.6                   | 2.0                      |
|    | GEOGRAPHIC DIVISIONS:   |              |                          |                           |                           |                    |                       |                          |
| 2  | East North Central..... | 384,849      | 23,788                   | 3,766,433                 | 9.7                       | 0.51               | 11.4                  | 2.2                      |
| 3  | West North Central..... | 152,896      | 6,535                    | 1,362,700                 | 8.9                       | 0.47               | 8.2                   | 2.2                      |
| 4  | South Atlantic.....     | 185,893      | 7,364                    | 3,414,600                 | 18.3                      | 0.97               | 4.7                   | 1.8                      |
| 5  | East South Central..... | 3,060        | 75                       | 15,000                    | 4.9                       | 0.25               | 10.0                  | 1.9                      |
| 6  | West South Central..... | 144,956      | 11,577                   | 5,158,582                 | 35.6                      | 1.89               | 5.4                   | 1.6                      |
| 7  | Mountain.....           | 146,611      | 4,375                    | 287,250                   | 1.9                       | 0.10               | 21.0                  | 2.9                      |
| 8  | Pacific.....            | 1,298,602    | 48,482                   | 6,711,460                 | 5.1                       | 0.27               | 14.1                  | 2.0                      |
|    | EAST NORTH CENTRAL:     |              |                          |                           |                           |                    |                       |                          |
| 9  | Indiana.....            | 5,412        | 515                      | 47,333                    | 8.7                       | 0.46               | 8.8                   | 5.8                      |
| 10 | Illinois.....           | 375,437      | 23,206                   | 3,648,100                 | 9.7                       | 0.51               | 11.6                  | 2.2                      |
| 11 | Michigan.....           | 800          | 17                       | 6,000                     | 7.5                       | 0.39               | 6.0                   | 4.6                      |
| 12 | Wisconsin.....          | 3,200        | 50                       | 65,000                    | 20.3                      | 1.07               | 5.0                   | 0.6                      |
|    | WEST NORTH CENTRAL:     |              |                          |                           |                           |                    |                       |                          |
| 13 | Minnesota.....          | 1,315        | 30                       | 10,000                    | 7.6                       | 0.40               | 7.0                   | 1.7                      |
| 14 | Iowa.....               | 81,754       | 3,900                    | 824,500                   | 10.0                      | 0.53               | 6.1                   | 3.1                      |
| 15 | Missouri.....           | 64,527       | 2,115                    | 502,000                   | 7.7                       | 0.41               | 12.0                  | 1.4                      |
| 16 | Nebraska.....           | 300          | 70                       | 2,200                     | 7.3                       | 0.38               | 20.0                  | 6.3                      |
| 17 | Kansas.....             | 5,000        | 420                      | 24,000                    | 4.8                       | 0.25               | 13.5                  | 5.1                      |
|    | SOUTH ATLANTIC:         |              |                          |                           |                           |                    |                       |                          |
| 18 | Georgia.....            | 200          | 160                      | 20,000                    | 100.0                     | 5.30               | 18.0                  | 1.8                      |
| 19 | Florida.....            | 185,693      | 7,204                    | 3,394,600                 | 18.2                      | 0.96               | 4.6                   | 1.8                      |
|    | EAST SOUTH CENTRAL:     |              |                          |                           |                           |                    |                       |                          |
| 20 | Mississippi.....        | 3,060        | 75                       | 15,000                    | 4.9                       | 0.25               | 10.0                  | 1.9                      |
|    | WEST SOUTH CENTRAL:     |              |                          |                           |                           |                    |                       |                          |
| 21 | Arkansas.....           | 3,900        | 350                      | 60,000                    | 15.3                      | 0.81               | 11.0                  | 2.1                      |
| 22 | Louisiana.....          | 123,066      | 11,041                   | 5,055,600                 | 41.0                      | 2.17               | 5.4                   | 1.6                      |
| 23 | Texas.....              | 17,990       | 186                      | 42,982                    | 2.3                       | 0.12               | 8.1                   | 2.1                      |
|    | MOUNTAIN:               |              |                          |                           |                           |                    |                       |                          |
| 24 | Idaho.....              | 53,938       | 2,292                    | 211,850                   | 3.9                       | 0.20               | 20.4                  | 2.1                      |
| 25 | Colorado.....           | 80           | 6                        | 900                       | 11.2                      | 0.59               | 15.0                  | 1.8                      |
| 26 | Arizona.....            | 92,378       | 2,025                    | 71,000                    | 0.7                       | 0.03               | 23.4                  | 4.8                      |
| 27 | Nevada.....             | 200          | 22                       | 2,700                     | 13.5                      | 0.71               | 10.0                  | 3.2                      |
| 28 | Wyoming.....            | 15           | 30                       | 800                       | 53.3                      | 2.82               | 20.0                  | 7.4                      |
|    | PACIFIC:                |              |                          |                           |                           |                    |                       |                          |
| 29 | Washington.....         | 26,745       | 1,305                    | 240,750                   | 9.0                       | 0.47               | 7.8                   | 2.8                      |
| 30 | Oregon.....             | 51,795       | 4,218                    | 742,923                   | 4.3                       | 0.76               | 11.8                  | 1.9                      |
| 31 | California.....         | 1,220,062    | 42,959                   | 5,727,787                 | 4.5                       | 0.24               | 14.7                  | 2.0                      |

<sup>1</sup>The engine or motor capacity divided by the product of the pump capacity and average lift reduced to horsepower.