

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|-----------------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Total, all industries | 10 | 2,342,562 | 2.2 | 106,201,232 | 2,515,200 | 2.3 | 108,184,795 | 172,638 | 0.1 | YES | YES |
| Natural resources and mining | 11,21 | 63,344 | 3.5 | 1,798,593 | 64,689 | 3.4 | 1,890,359 | 1,345 | -0.1 | | |
| Crop production | 111 | 36,703 | 6.9 | 528,867 | 36,796 | 6.9 | 531,245 | 93 | 0.0 | | |
| Oilseed and grain farming | 1111 | 3,934 | 9.3 | 42,105 | 4,775 | 10.6 | 45,236 | 841 | 1.3 | | |
| Vegetable and melon farming | 1112 | 10,045 | 10.7 | 93,881 | 10,701 | 11.3 | 94,749 | 656 | 0.6 | | |
| Fruit and tree nut farming | 1113 | 12,954 | 7.1 | 183,733 | 11,669 | 6.3 | 184,574 | -1,285 | -0.8 | | |
| Greenhouse and nursery production | 1114 | 5,627 | 3.9 | 145,600 | 5,631 | 3.9 | 144,390 | 4 | 0.0 | | |
| Other crop farming | 1119 | 4,143 | 6.5 | 63,548 | 4,020 | 6.5 | 62,295 | -123 | 0.0 | | |
| Animal production | 112 | 6,626 | 2.9 | 225,138 | 6,196 | 2.7 | 230,610 | -430 | -0.2 | | |
| Cattle ranching and farming | 1121 | 3,800 | 2.9 | 132,878 | 3,421 | 2.5 | 137,490 | -379 | -0.4 | | |
| Hog and pig farming | 1122 | 536 | 1.9 | 28,189 | -7 | -7 | 28,851 | - | - | | |
| Poultry and egg production | 1123 | 1,787 | 4.6 | 38,993 | 1,798 | 4.6 | 38,794 | 11 | 0.0 | | |
| Sheep and goat farming | 1124 | -7 | -7 | 1,399 | -7 | -7 | 1,393 | - | - | | |
| Aquaculture | 1125 | 382 | 6.5 | 5,908 | 426 | 7.5 | 5,690 | 44 | 1.0 | | |
| Other animal production | 1129 | -7 | -7 | 17,772 | -7 | -7 | 18,392 | - | - | | |
| Forestry and logging | 113 | 9,432 | 16.8 | 56,152 | 10,564 | 19.0 | 55,665 | 1,132 | 2.2 | | |
| Timber tract operations | 1131 | 1,061 | 29.7 | 3,571 | 1,292 | 35.6 | 3,630 | 231 | 5.9 | | |
| Forest nursery and gathering forest products | 1132 | 528 | 17.9 | 2,949 | 434 | 14.1 | 3,078 | -94 | -3.8 | | |
| Logging | 1133 | 7,844 | 15.8 | 49,632 | 8,837 | 18.1 | 48,957 | 993 | 2.3 | | |
| Agriculture and forestry support activities | 115 | 10,583 | 3.2 | 328,600 | 11,133 | 3.3 | 334,480 | 550 | 0.1 | | |
| Support activities for crop production | 1151 | 5,395 | 1.9 | 287,480 | 5,761 | 2.0 | 294,081 | 366 | 0.1 | | |
| Support activities for animal production | 1152 | -7 | -7 | 27,087 | -7 | -7 | 26,574 | - | - | | |
| Support activities for forestry | 1153 | -7 | -7 | 14,033 | -7 | -7 | 13,825 | - | - | | |
| Utilities | 22 | 69,031 | 12.5 | 551,287 | 71,129 | 12.9 | 549,921 | 2,098 | 0.4 | | YES |
| Utilities | 221 | 69,031 | 12.5 | 551,287 | 71,129 | 12.9 | 549,921 | 2,098 | 0.4 | | YES |
| Electric power generation, transmission, and distribution | 2211 | 49,973 | 12.6 | 395,960 | 53,787 | 13.6 | 395,808 | 3,814 | 1.0 | YES | YES |
| Electric power generation | 22111 | 49,973 | 29.5 | 169,294 | 53,787 | 32.4 | 166,099 | 3,814 | 2.9 | YES | YES |
| Hydroelectric power generation | 221111 | 5,124 | 72.7 | 7,045 | 3,780 | 64.8 | 5,832 | -1,344 | -7.9 | YES | YES |
| Nuclear electric power generation | 221113 | 39,818 | 75.7 | 52,582 | 44,054 | 83.6 | 52,686 | 4,236 | 7.9 | YES | YES |
| Solar electric power generation | 221114 | -8 | -8 | - | 522 | 97.9 | 533 | - | - | | |
| Wind electric power generation | 221115 | -8 | -8 | - | 2,724 | 91.7 | 2,972 | - | - | | |
| Geothermal electric power generation | 221116 | -8 | -8 | - | 1,017 | 96.9 | 1,049 | - | - | | |
| Biomass electric power generation | 221117 | -8 | -8 | - | 1,166 | 92.3 | 1,263 | - | - | | |
| Other electric power generation | 221118 | -8 | -8 | - | 525 | 65.8 | 798 | - | - | | |
| Water, sewage, and other systems | 2213 | 19,058 | 40.8 | 46,723 | 17,342 | 37.0 | 46,812 | -1,716 | -3.8 | YES | YES |
| Water supply and irrigation systems | 22131 | 11,995 | 32.0 | 37,450 | 10,248 | 27.2 | 37,628 | -1,747 | -4.8 | YES | YES |
| Sewage treatment facilities | 22132 | 6,439 | 87.7 | 7,338 | 6,448 | 88.1 | 7,315 | 9 | 0.4 | | |
| Steam and air-conditioning supply | 22133 | 624 | 32.2 | 1,935 | 646 | 34.6 | 1,869 | 22 | 2.4 | | |
| Construction | 23 | 385,777 | 7.0 | 5,489,499 | 487,709 | 8.9 | 5,473,045 | 101,932 | 1.9 | YES | YES |
| Construction of buildings | 236 | 78,113 | 6.4 | 1,226,917 | 117,263 | 9.7 | 1,211,690 | 39,150 | 3.3 | YES | YES |
| Residential building construction | 2361 | 31,498 | 5.5 | 577,060 | 57,016 | 10.1 | 565,623 | 25,518 | 4.6 | YES | YES |
| Nonresidential building construction | 2362 | 46,615 | 7.2 | 649,857 | 60,247 | 9.3 | 646,068 | 13,632 | 2.1 | YES | YES |
| Heavy and civil engineering construction | 237 | 44,560 | 5.5 | 811,123 | 49,613 | 6.0 | 820,345 | 5,053 | 0.5 | | |
| Utility system construction | 2371 | 34,642 | 9.1 | 380,665 | 39,330 | 9.9 | 396,477 | 4,688 | 0.8 | | |
| Land subdivision | 2372 | 1,889 | 3.7 | 51,338 | 1,664 | 3.7 | 45,380 | -225 | 0.0 | | |
| Other heavy construction | 2379 | 8,028 | 8.5 | 94,619 | 8,618 | 9.1 | 94,861 | 590 | 0.6 | | |
| Specialty trade contractors | 238 | 263,105 | 7.6 | 3,451,459 | 320,833 | 9.3 | 3,441,010 | 57,728 | 1.7 | YES | YES |

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages - continued

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|------------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Building foundation and exterior contractors | 2381 | 39,585 | 5.9 | 673,940 | 51,190 | 7.7 | 661,872 | 11,605 | 1.8 | YES | YES |
| Building equipment contractors | 2382 | 164,809 | 10.1 | 1,624,657 | 194,476 | 11.9 | 1,638,656 | 29,667 | 1.8 | YES | YES |
| Building finishing contractors | 2383 | 38,185 | 6.0 | 638,119 | 49,119 | 7.9 | 622,195 | 10,934 | 1.9 | YES | YES |
| Other specialty trade contractors | 2389 | 20,526 | 4.0 | 514,743 | 26,049 | 5.0 | 518,287 | 5,523 | 1.0 | YES | YES |
| Manufacturing | 31-33 | 492,985 | 4.3 | 11,487,496 | 507,168 | 4.3 | 11,701,497 | 14,183 | 0.0 | YES | |
| Textile product mills | 314 | 10,484 | 8.8 | 119,145 | 10,131 | 8.6 | 117,759 | -353 | -0.2 | | |
| Textile furnishings mills ⁹ | 3141 | 9,461 | 16.5 | 57,297 | 9,271 | 17.0 | 54,511 | -190 | 0.5 | | |
| Other textile product mills | 3149 | 1,023 | 1.7 | 61,848 | 859 | 1.4 | 63,248 | -164 | -0.3 | | |
| Wood product mfg. | 321 | 33,838 | 10.0 | 339,542 | 33,052 | 9.8 | 336,235 | -786 | -0.2 | | |
| Sawmills and wood preservation | 3211 | 498 | 0.6 | 82,493 | 323 | 0.4 | 83,720 | -175 | -0.2 | | |
| Veneer, plywood, and engineered wood product mfg. | 3212 | 6,545 | 10.4 | 63,192 | 6,840 | 11.2 | 61,269 | 295 | 0.8 | | |
| Veneer, plywood, and engineered wood product mfg. | 32121 | 6,545 | 10.4 | 63,192 | 6,840 | 11.2 | 61,269 | 295 | 0.8 | | |
| Hardwood veneer and plywood mfg. | 321211 | 1,516 | 10.3 | 14,687 | 1,992 | 13.2 | 15,052 | 476 | 2.9 | YES | YES |
| Softwood veneer and plywood mfg. | 321212 | -7 | -7 | 14,010 | 658 | 4.9 | 13,441 | - | - | | |
| Engineered wood member mfg. | 321213 | -7 | -7 | 4,013 | 345 | 8.6 | 3,989 | - | - | | |
| Truss mfg. | 321214 | 997 | 5.5 | 18,194 | 1,158 | 6.8 | 16,990 | 161 | 1.3 | | |
| Reconstituted wood product mfg. | 321219 | 2,929 | 23.8 | 12,288 | 2,687 | 22.8 | 11,797 | -242 | -1.0 | | |
| Other wood product mfg. | 3219 | 26,795 | 13.8 | 193,857 | 25,888 | 13.5 | 191,247 | -907 | -0.3 | | |
| Millwork | 32191 | 20,839 | 22.7 | 91,871 | 21,970 | 24.9 | 88,140 | 1,131 | 2.2 | | |
| Wood window and door mfg. | 321911 | 18,055 | 40.1 | 45,001 | 19,041 | 44.8 | 42,521 | 986 | 4.7 | | |
| Other millwork, including flooring | 321918 | 2,783 | 7.9 | 35,047 | 2,928 | 8.6 | 33,955 | 145 | 0.7 | | |
| All other wood product mfg. | 32199 | 5,956 | 11.6 | 51,299 | 3,919 | 7.7 | 50,594 | -2,037 | -3.9 | YES | YES |
| Manufactured home, mobile home, mfg. | 321991 | 3,803 | 19.9 | 19,154 | 2,114 | 11.7 | 18,019 | -1,689 | -8.2 | YES | YES |
| Prefabricated wood building mfg. | 321992 | 2,154 | 16.1 | 13,419 | 1,805 | 14.2 | 12,699 | -349 | -1.9 | | |
| Paper mfg. | 322 | 33,853 | 8.6 | 392,853 | 32,032 | 8.3 | 387,057 | -1,821 | -0.3 | | |
| Pulp, paper, and paperboard mills | 3221 | 33,853 | 30.3 | 111,667 | 32,032 | 29.3 | 109,471 | -1,821 | -1.0 | | |
| Pulp mills | 32211 | 1,208 | 20.3 | 5,960 | 1,078 | 18.0 | 5,998 | -130 | -2.3 | | |
| Paper mills | 32212 | 19,669 | 25.9 | 75,975 | 18,167 | 24.5 | 74,200 | -1,502 | -1.4 | | |
| Paper, except newsprint, mills | 322121 | 17,052 | 25.0 | 68,174 | 15,552 | 23.3 | 66,683 | -1,500 | -1.7 | | |
| Newsprint mills | 322122 | 2,617 | 33.6 | 7,800 | 2,615 | 34.8 | 7,517 | -2 | 1.2 | | |
| Paperboard mills | 32213 | 12,976 | 43.6 | 29,732 | 12,787 | 43.7 | 29,272 | -189 | 0.1 | | |
| Petroleum and coal products mfg. | 324 | 3,244 | 2.9 | 110,972 | 3,278 | 3.0 | 110,853 | 34 | 0.1 | | |
| Petroleum and coal products mfg. | 3241 | 3,244 | 2.9 | 110,972 | 3,278 | 3.0 | 110,853 | 34 | 0.1 | | |
| Chemical mfg. | 325 | 23,124 | 2.9 | 785,283 | 24,733 | 3.2 | 782,367 | 1,609 | 0.3 | | |
| Basic chemical mfg. | 3251 | 10,600 | 7.5 | 140,957 | 10,842 | 7.6 | 142,794 | 242 | 0.1 | | |
| Agricultural chemical mfg. | 3253 | 639 | 1.8 | 35,757 | 518 | 1.4 | 35,951 | -121 | -0.4 | | |
| Paint, coating, and adhesive mfg. | 3255 | 3,674 | 6.6 | 55,891 | 4,131 | 7.2 | 57,192 | 457 | 0.6 | | |
| Paint and coating mfg. | 32551 | 2,731 | 7.5 | 36,613 | 3,078 | 8.2 | 37,505 | 347 | 0.7 | | |
| Adhesive mfg. | 32552 | 943 | 4.9 | 19,278 | 1,053 | 5.3 | 19,687 | 110 | 0.4 | | |
| Soap, cleaning compound, and toilet preparation mfg. | 3256 | 2,228 | 2.2 | 100,830 | 2,601 | 2.6 | 101,425 | 373 | 0.4 | | |
| Soap and cleaning compound mfg. | 32561 | 2,228 | 4.3 | 51,330 | 2,601 | 5.0 | 51,787 | 373 | 0.7 | | |
| Soap and other detergent mfg. | 325611 | 674 | 2.8 | 23,996 | 806 | 3.4 | 23,718 | 132 | 0.6 | | |
| Polish and other sanitation good mfg. | 325612 | 1,553 | 6.8 | 22,712 | 1,795 | 7.7 | 23,380 | 242 | 0.9 | | |
| Other chemical product and preparation mfg. | 3259 | 5,983 | 7.1 | 83,977 | 6,641 | 7.8 | 84,948 | 658 | 0.7 | | |
| Printing ink mfg. | 32591 | 1,357 | 14.3 | 9,459 | 1,400 | 14.9 | 9,404 | 43 | 0.6 | | |
| All other chemical product and preparation mfg. | 32599 | 4,626 | 6.8 | 67,533 | 5,241 | 7.7 | 68,387 | 615 | 0.9 | | |
| Custom compounding of purchased resins | 325991 | 1,597 | 10.5 | 15,240 | 1,968 | 12.7 | 15,547 | 371 | 2.2 | YES | |
| Other miscellaneous chemical product mfg. | 325998 | 3,029 | 8.9 | 34,070 | 3,273 | 9.3 | 35,345 | 244 | 0.4 | | |

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages - continued

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|---------------------------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Plastics and rubber products mfg. | 326 | 32,407 | 5.2 | 623,259 | 33,421 | 5.3 | 633,513 | 1,014 | 0.1 | | |
| Plastics product mfg. | 3261 | 27,768 | 5.5 | 501,690 | 28,660 | 5.7 | 506,701 | 892 | 0.2 | | |
| Other plastics product mfg. | 32619 | 27,768 | 10.2 | 271,410 | 28,660 | 10.5 | 274,047 | 892 | 0.3 | | |
| Plastics plumbing fixture mfg. | 326191 | 409 | 3.3 | 12,419 | 801 | 6.7 | 11,890 | 392 | 3.4 | YES | YES |
| Resilient floor covering mfg. ⁹ | 326199 | 27,359 | 10.6 | 258,992 | 27,860 | 10.6 | 262,156 | 501 | 0.0 | | |
| Rubber product mfg. | 3262 | 4,639 | 3.8 | 121,569 | 4,760 | 3.8 | 126,812 | 121 | 0.0 | | |
| Tire mfg. | 32621 | 3,008 | 5.8 | 52,001 | 3,221 | 6.0 | 53,593 | 213 | 0.2 | | |
| Tire retreading | 326212 | 3,008 | 45.4 | 6,620 | 3,221 | 46.4 | 6,939 | 213 | 1.0 | | |
| Other rubber product mfg. | 32629 | 1,631 | 3.4 | 48,199 | 1,539 | 3.0 | 50,776 | -92 | -0.4 | | |
| All other rubber product mfg. | 326299 | 1,631 | 7.0 | 23,220 | 1,539 | 6.2 | 24,700 | -92 | -0.8 | | |
| Nonmetallic mineral product mfg. | 327 | 29,710 | 8.1 | 368,097 | 29,885 | 8.2 | 364,022 | 175 | 0.1 | | |
| Clay product and refractory mfg. ⁹ | 3271 | 4,878 | 12.1 | 40,385 | 4,706 | 11.6 | 40,401 | -172 | -0.5 | | |
| Glass and glass product mfg. | 3272 | 7,991 | 10.1 | 78,992 | 9,079 | 11.4 | 79,404 | 1,088 | 1.3 | YES | |
| Cement and concrete product mfg. | 3273 | 9,963 | 5.9 | 169,822 | 9,495 | 5.8 | 164,464 | -468 | -0.1 | | |
| Lime and gypsum product mfg. | 3274 | 2,397 | 17.8 | 13,483 | 2,433 | 18.3 | 13,331 | 36 | 0.5 | | |
| Other nonmetallic mineral product mfg. | 3279 | 4,481 | 6.9 | 65,415 | 4,172 | 6.3 | 66,422 | -309 | -0.6 | | |
| All other nonmetallic mineral product mfg. | 32799 | 4,481 | 8.0 | 55,904 | 4,172 | 7.4 | 56,466 | -309 | -0.6 | | |
| Mineral wool mfg. | 327993 | 3,597 | 22.3 | 16,160 | 3,311 | 20.8 | 15,956 | -286 | -1.5 | | |
| Miscellaneous nonmetallic mineral products | 327999 | 884 | 8.1 | 10,935 | 861 | 7.8 | 11,082 | -23 | -0.3 | | |
| Primary metal mfg. | 331 | 64,859 | 18.0 | 361,211 | 63,292 | 16.3 | 387,682 | -1,567 | -1.7 | | YES |
| Iron and steel mills and ferroalloy mfg. ⁹ | 3311 | 37,831 | 44.1 | 85,809 | 33,812 | 36.9 | 91,600 | -4,019 | -7.2 | YES | YES |
| Alumina and aluminum production ⁹ | 3313 | 8,316 | 15.4 | 54,054 | 8,200 | 14.4 | 56,919 | -116 | -1.0 | | |
| Other nonferrous metal production ⁹ | 3314 | 9,788 | 16.9 | 58,038 | 10,493 | 17.2 | 60,943 | 705 | 0.3 | | |
| Foundries | 3315 | 8,925 | 8.0 | 111,092 | 10,787 | 8.9 | 121,812 | 1,862 | 0.9 | YES | |
| Fabricated metal product mfg. | 332 | 31,476 | 2.5 | 1,276,933 | 30,310 | 2.3 | 1,341,604 | -1,166 | -0.2 | | |
| Forging and stamping | 3321 | 1,565 | 1.8 | 88,261 | 1,527 | 1.6 | 95,096 | -38 | -0.2 | | |
| Architectural and structural metals mfg. | 3323 | 21,720 | 6.8 | 319,571 | 21,792 | 6.6 | 327,984 | 72 | -0.2 | | |
| Plate work and fabricated structural product mfg. | 33231 | 9,508 | 6.5 | 146,417 | 9,124 | 6.0 | 151,877 | -384 | -0.5 | | |
| Fabricated structural metal mfg. | 332312 | 9,508 | 12.4 | 76,664 | 9,124 | 11.5 | 79,014 | -384 | -0.9 | | |
| Ornamental and architectural metal products mfg. | 33232 | 12,213 | 7.1 | 173,154 | 12,668 | 7.2 | 176,107 | 455 | 0.1 | | |
| Metal window and door mfg. | 332321 | 12,213 | 24.1 | 50,699 | 12,668 | 25.5 | 49,758 | 455 | 1.4 | | |
| Other fabricated metal product mfg. | 3329 | 8,190 | 3.3 | 245,857 | 6,991 | 2.8 | 253,238 | -1,199 | -0.5 | YES | YES |
| Metal valve mfg. | 33291 | 7,201 | 9.0 | 80,316 | 6,273 | 7.6 | 82,658 | -928 | -1.4 | | YES |
| Industrial valve mfg. | 332911 | 3,597 | 15.5 | 23,139 | 3,579 | 14.8 | 24,257 | -18 | -0.7 | | |
| Plumbing fixture fitting and trim mfg. | 332913 | 1,716 | 17.8 | 9,634 | 1,608 | 17.2 | 9,343 | -108 | -0.6 | | |
| Other metal valve and pipe fitting mfg. | 332919 | 1,888 | 11.6 | 16,223 | 1,085 | 6.9 | 15,819 | -803 | -4.7 | YES | YES |
| All other fabricated metal product mfg. | 33299 | 989 | 0.6 | 165,540 | 718 | 0.4 | 170,579 | -271 | -0.2 | | |
| Fabricated pipe and pipe fitting mfg. | 332996 | 989 | 3.6 | 27,373 | 718 | 2.4 | 30,138 | -271 | -1.2 | | |
| Machinery mfg. | 333 | 67,057 | 6.8 | 991,039 | 69,097 | 6.6 | 1,054,100 | 2,040 | -0.2 | | |
| Ag, construction, and mining machinery mfg. | 3331 | -7 | -7 | 203,833 | -7 | -7 | 225,747 | - | - | | |
| Commercial and service industry machinery ⁹ | 3333 | 10,618 | 11.5 | 92,198 | 10,577 | 11.5 | 91,623 | -41 | 0.0 | | |
| Ventilation, heating, AC, and commercial refrigeration ⁹ | 3334 | 41,412 | 32.9 | 125,863 | 42,242 | 32.7 | 129,078 | 830 | -0.2 | | |
| Ventilation, heating, AC, and commercial refrigeration ⁹ | 33341 | 41,412 | 32.9 | 125,863 | 42,242 | 32.7 | 129,078 | 830 | -0.2 | | |
| Air purification, fan and blower equip. mfg. | 333413 | 8,502 | 32.5 | 26,129 | 9,000 | 32.9 | 27,324 | 498 | 0.4 | | |
| Heating equipment, except warm air furnaces | 333414 | 5,550 | 34.8 | 15,955 | 5,736 | 33.3 | 17,243 | 186 | -1.5 | | |
| AC, refrigeration, and forced air heating mfg. | 333415 | 27,360 | 32.7 | 83,778 | 27,507 | 32.5 | 84,510 | 147 | -0.2 | | |
| Metalworking machinery mfg. | 3335 | -7 | -7 | 155,017 | -7 | -7 | 166,671 | - | - | | |

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages - continued

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|---------------------------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Turbine and power transmission equipment mfg. | 3336 | 14,328 | 15.7 | 90,989 | 15,540 | 15.7 | 98,684 | 1,212 | 0.0 | | |
| Engine, turbine, and power transmission mfg. | 33361 | 14,328 | 15.7 | 90,989 | 15,540 | 15.7 | 98,684 | 1,212 | 0.0 | | |
| Turbine and turbine generator set units mfg. | 333611 | 13,400 | 50.3 | 26,646 | 14,439 | 49.7 | 29,070 | 1,039 | -0.6 | | |
| Engine and power transmission equipment mfg. | 333612,3 | 928 | 3.8 | 24,518 | 1,100 | 4.1 | 26,878 | 172 | 0.3 | | |
| Computer and electronic product mfg. | 334 | 65,759 | 6.0 | 1,097,216 | 74,105 | 6.7 | 1,103,588 | 8,346 | 0.7 | | |
| Computer and peripheral equipment mfg. | 3341 | 23,706 | 14.9 | 158,897 | 24,723 | 15.7 | 157,637 | 1,017 | 0.8 | | |
| Communications equipment mfg. | 3342 | 2,827 | 2.4 | 115,903 | 2,688 | 2.3 | 115,250 | -139 | -0.1 | | |
| Audio and video equipment mfg. | 3343 | 628 | 3.1 | 20,042 | 770 | 3.9 | 19,793 | 142 | 0.8 | | |
| Semiconductor and electronic component mfg. | 3344 | 22,491 | 6.1 | 370,007 | 27,454 | 7.2 | 383,513 | 4,963 | 1.1 | YES | |
| Navigational, measuring, electromedical, and control equipment mfg. | 3345 | 16,107 | 4.0 | 407,363 | 18,470 | 4.6 | 404,991 | 2,363 | 0.6 | | |
| Navigational, measuring, electromedical, and control equipment mfg. | 33451 | 16,107 | 4.0 | 407,363 | 18,470 | 4.6 | 404,991 | 2,363 | 0.6 | | |
| Automatic environmental control mfg. | 334512 | 2,310 | 12.7 | 18,141 | 2,515 | 14.0 | 17,992 | 205 | 1.3 | | |
| Industrial process variable instruments | 334513 | 4,584 | 8.2 | 55,976 | 5,528 | 9.5 | 58,199 | 944 | 1.3 | | |
| Totalizing fluid meters and counting devices | 334514 | 2,488 | 23.0 | 10,809 | 3,302 | 30.0 | 10,994 | 814 | 7.0 | YES | YES |
| Electricity and signal testing instruments | 334515 | 2,736 | 6.8 | 40,296 | 3,015 | 7.2 | 41,654 | 279 | 0.4 | | |
| Analytical laboratory instrument mfg. | 334516 | 1,813 | 5.9 | 30,484 | 1,764 | 5.6 | 31,465 | -49 | -0.3 | | |
| Other measuring and controlling device mfg. ⁹ | 334519 | 2,176 | 6.6 | 32,968 | 2,346 | 7.1 | 33,241 | 170 | 0.5 | | |
| Electrical equipment and appliance mfg. | 335 | 41,865 | 11.8 | 356,075 | 45,998 | 12.6 | 364,786 | 4,133 | 0.8 | YES | |
| Electric lighting equipment mfg. | 3351 | 11,214 | 24.8 | 45,283 | 13,030 | 28.9 | 45,159 | 1,816 | 4.1 | YES | YES |
| Electric lamp bulb and part mfg. | 33511 | 3,844 | 42.4 | 9,067 | 4,058 | 45.5 | 8,912 | 214 | 3.1 | | |
| Lighting fixture mfg. | 33512 | 7,371 | 20.4 | 36,216 | 8,971 | 24.7 | 36,247 | 1,600 | 4.3 | YES | YES |
| Residential electric lighting fixture mfg. | 335121 | 885 | 10.8 | 8,218 | 956 | 11.9 | 8,063 | 71 | 1.1 | | |
| Nonresidential electric lighting fixture mfg. | 335122 | 4,618 | 24.2 | 19,101 | 5,726 | 29.7 | 19,304 | 1,108 | 5.5 | YES | YES |
| Other lighting equipment mfg. | 335129 | 1,868 | 21.0 | 8,897 | 2,289 | 25.8 | 8,879 | 421 | 4.8 | YES | YES |
| Household appliance mfg. | 3352 | 13,879 | 23.7 | 58,657 | 14,859 | 26.4 | 56,273 | 980 | 2.7 | | |
| Small electrical appliance mfg. ⁹ | 33521 | -7 | -7 | 12,368 | -7 | -7 | 12,383 | - | - | | |
| Major appliance mfg. | 33522 | -7 | -7 | 46,289 | -7 | -7 | 43,889 | - | - | | |
| Household cooking appliance mfg. | 335221 | -7 | -7 | 10,690 | -7 | -7 | 10,652 | - | - | YES | YES |
| Household refrigerator and home freezer mfg. | 335222 | -7 | -7 | 14,972 | 3,443 | 25.8 | 13,322 | - | - | | |
| Household laundry equipment mfg. | 335224 | -7 | -7 | -7 | -7 | -7 | 9,710 | - | - | | |
| Other major household appliance mfg. | 335228 | -7 | -7 | -7 | -7 | -7 | 10,205 | - | - | | |
| Electrical equipment mfg. | 3353 | 8,036 | 6.0 | 134,292 | 9,222 | 6.7 | 138,496 | 1,186 | 0.7 | | |
| Electrical equipment mfg. | 33531 | 8,036 | 6.0 | 134,292 | 9,222 | 6.7 | 138,496 | 1,186 | 0.7 | | |
| Electric power and specialty transformer mfg. | 335311 | 3,979 | 16.6 | 23,978 | 4,328 | 18.0 | 24,031 | 349 | 1.4 | | |
| Motor and generator mfg. | 335312 | 4,057 | 10.5 | 38,503 | 4,894 | 12.3 | 39,719 | 837 | 1.8 | | |
| Other electrical equipment and component mfg. | 3359 | 8,736 | 7.4 | 117,843 | 8,887 | 7.1 | 124,859 | 151 | -0.3 | | |
| Battery mfg. | 33591 | 4,590 | 19.1 | 24,017 | 4,642 | 17.7 | 26,264 | 52 | -1.4 | | |
| Storage battery mfg. | 335911 | -7 | -7 | 13,170 | -7 | -7 | 14,233 | - | - | | |
| Primary battery mfg. | 335912 | -7 | -7 | 10,847 | -7 | -7 | 12,030 | - | - | | |
| All other electrical equipment and component mfg. | 33599 | 4,147 | 12.5 | 33,214 | 4,245 | 12.0 | 35,321 | 98 | -0.5 | | |
| Miscellaneous electrical equipment mfg. | 335999 | 4,147 | 15.7 | 26,446 | 4,245 | 15.2 | 28,009 | 98 | -0.5 | | |
| Transportation equipment mfg. | 336 | 43,243 | 3.3 | 1,327,169 | 45,367 | 3.3 | 1,386,053 | 2,124 | 0.0 | | |
| Motor vehicle mfg. | 3361 | 12,740 | 8.3 | 152,750 | 11,888 | 7.4 | 161,246 | -852 | -0.9 | | |
| Motor vehicle parts mfg. ⁹ | 3363 | 22,615 | 5.4 | 415,325 | 25,490 | 5.7 | 446,832 | 2,875 | 0.3 | | |
| Railroad rolling stock mfg. | 3365 | -7 | -7 | 18,402 | -7 | -7 | 21,124 | - | - | | |
| Ship and boat building | 3366 | -7 | -7 | 123,603 | -7 | -7 | 122,718 | - | - | | |
| Furniture and related product mfg. | 337 | 12,066 | 3.4 | 356,094 | 12,469 | 3.6 | 349,971 | 403 | 0.2 | | |

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages - continued

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|-----------------------------------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Office furniture and fixtures mfg. | 3372 | 9,585 | 10.0 | 96,070 | 9,779 | 10.0 | 97,919 | 194 | 0.0 | | |
| Other furniture related product mfg. | 3379 | 2,481 | 6.8 | 36,433 | 2,690 | 7.6 | 35,276 | 209 | 0.8 | | |
| Trade | 42,44-45 | 205,567 | 1.0 | 19,947,787 | 223,079 | 1.1 | 20,212,427 | 17,512 | 0.1 | YES | YES |
| Merchant wholesalers, durable goods | 423 | 94,916 | 3.5 | 2,718,043 | 104,913 | 3.8 | 2,763,122 | 9,997 | 0.3 | YES | YES |
| Misc. durable goods merchant wholesalers | 4239 | 94,916 | 34.4 | 276,189 | 104,913 | 36.1 | 290,591 | 9,997 | 1.7 | YES | YES |
| Miscellaneous store retailers | 453 | 110,651 | 14.3 | 772,389 | 118,166 | 15.2 | 778,386 | 7,515 | 0.9 | YES | YES |
| Used merchandise stores | 4533 | 110,651 | 88.2 | 125,437 | 118,166 | 88.7 | 133,247 | 7,515 | 0.5 | YES | YES |
| Transportation and warehousing | 48-49 | 242,137 | 6.1 | 3,943,659 | 238,755 | 5.9 | 4,055,639 | -3,382 | -0.2 | YES | YES |
| Water transportation | 483 | 2,393 | 3.8 | 62,401 | 2,180 | 3.4 | 63,351 | -213 | -0.4 | | |
| Sea, coastal, and Great Lakes transportation | 4831 | 1,751 | 4.7 | 37,289 | 1,586 | 4.1 | 38,264 | -165 | -0.6 | | |
| Inland water transportation | 4832 | 642 | 2.6 | 25,113 | 595 | 2.4 | 25,087 | -47 | -0.2 | | |
| Transit and ground passenger transportation | 485 | 239,744 | 57.2 | 419,152 | 236,574 | 55.0 | 429,815 | -3,170 | -2.2 | YES | YES |
| Urban transit systems | 4851 | 34,935 | 84.7 | 41,250 | 34,956 | 84.5 | 41,383 | 21 | -0.2 | | |
| Interurban and rural bus transportation | 4852 | 11,528 | 62.7 | 18,398 | 11,494 | 62.5 | 18,401 | -34 | -0.2 | | |
| School and employee bus transportation | 4854 | 167,924 | 91.9 | 182,762 | 166,916 | 90.9 | 183,640 | -1,008 | -1.0 | | |
| Charter bus industry | 4855 | 17,326 | 58.4 | 29,680 | 15,194 | 50.2 | 30,296 | -2,132 | -8.2 | YES | YES |
| Other ground passenger transportation | 4859 | 8,030 | 10.1 | 79,432 | 8,014 | 9.5 | 84,795 | -16 | -0.6 | | |
| Information | 51 | 33,321 | 1.2 | 2,703,886 | 29,412 | 1.1 | 2,674,852 | -3,909 | -0.1 | | |
| Publishing industries, except Internet | 511 | 22,355 | 3.0 | 754,903 | 21,160 | 2.8 | 743,546 | -1,195 | -0.2 | | |
| Newspaper, book, and directory publishers | 5111 | 12,118 | 2.4 | 496,026 | 11,025 | 2.3 | 473,307 | -1,093 | -0.1 | | |
| Software publishers | 5112 | 10,237 | 4.0 | 258,877 | 10,135 | 3.8 | 270,239 | -102 | -0.2 | | |
| Motion picture and sound recording industries | 512 | -7 | -7 | 368,885 | -7 | -7 | 364,867 | - | - | | |
| Motion picture and video industries | 5121 | -7 | -7 | 352,302 | -7 | -7 | 348,190 | - | - | | |
| Broadcasting, except Internet | 515 | 7,525 | 2.6 | 293,533 | 5,352 | 1.9 | 285,846 | -2,173 | -0.7 | | |
| Radio and television broadcasting | 5151 | -7 | -7 | 210,060 | -7 | -7 | 211,973 | - | - | | |
| Cable and other subscription programming | 5152 | -7 | -7 | 83,473 | -7 | -7 | 73,873 | - | - | | |
| Other information services | 519 | -7 | -7 | 141,462 | -7 | -7 | 155,259 | - | - | | |
| Other information services | 5191 | -7 | -7 | 141,462 | -7 | -7 | 155,259 | - | - | | |
| Financial activities | 52,53 | 462 | 0.0 | 7,401,812 | 475 | 0.0 | 7,416,409 | 13 | 0.0 | | |
| Securities, commodity contracts, investments | 523 | 462 | 0.1 | 800,476 | 475 | 0.1 | 815,237 | 13 | 0.0 | | |
| Professional, scientific, and technical services | 54 | 355,386 | 4.8 | 7,457,913 | 381,981 | 5.0 | 7,672,567 | 26,595 | 0.2 | | |
| Professional and technical services | 541 | 355,386 | 4.8 | 7,457,913 | 381,981 | 5.0 | 7,672,567 | 26,595 | 0.2 | | |
| Legal services | 5411 | -7 | -7 | 1,114,734 | -7 | -7 | 1,113,593 | - | - | | |
| Architectural and engineering services | 5413 | 184,628 | 14.4 | 1,278,970 | 192,393 | 14.9 | 1,290,836 | 7,765 | 0.5 | | |
| Engineering services | 54133 | 113,031 | 13.0 | 867,547 | 122,619 | 14.0 | 873,746 | 9,588 | 1.0 | | |
| Architectural and related services excl. engineering | 54131,2,5 | 71,597 | 17.7 | 403,937 | 69,774 | 17.0 | 409,819 | -1,823 | -0.7 | | |
| Specialized design services | 5414 | 3,088 | 2.7 | 113,023 | 3,077 | 2.7 | 115,074 | -11 | 0.0 | | |
| Computer systems design and related services | 5415 | 54,792 | 3.8 | 1,446,380 | 67,348 | 4.4 | 1,540,633 | 12,556 | 0.6 | | |
| Management and technical consulting services | 5416 | 68,476 | 6.8 | 1,013,992 | 72,121 | 6.7 | 1,075,977 | 3,645 | -0.1 | | |
| Scientific research and development services | 5417 | 36,949 | 6.0 | 620,945 | 39,590 | 6.3 | 630,378 | 2,641 | 0.3 | | |
| Research and development in the physical, engineering, and computer science | 54171 | 36,949 | 6.6 | 562,529 | 39,590 | 6.9 | 572,552 | 2,641 | 0.3 | | |
| Research and development in biotechnology | 541711 | 3,680 | 2.7 | 136,640 | 3,884 | 2.8 | 139,508 | 204 | 0.1 | | |
| Other physical and biological research | 541712 | 33,268 | 7.8 | 425,890 | 35,706 | 8.2 | 433,044 | 2,438 | 0.4 | | |
| Advertising, PR, and related services | 5418 | -7 | -7 | 407,464 | -7 | -7 | 423,421 | - | - | | |
| Other professional and technical services | 5419 | -7 | -7 | 578,397 | -7 | -7 | 590,268 | - | - | | |
| Management of companies and enterprises | 55 | 62,630 | 3.4 | 1,854,778 | 69,310 | 3.6 | 1,914,543 | 6,680 | 0.2 | | |
| Management of companies and enterprises | 551 | 62,630 | 3.4 | 1,854,778 | 69,310 | 3.6 | 1,914,543 | 6,680 | 0.2 | | |
| Management of companies and enterprises | 5511 | 62,630 | 3.4 | 1,854,778 | 69,310 | 3.6 | 1,914,543 | 6,680 | 0.2 | | |

Supplemental Table 4. Green Goods and Services (GGS) private sector employment by detailed industry with over-the-year change, annual averages - continued

| Industry | NAICS ¹ | 2010 | | | 2011 | | | Over-the-year change | | Pass test of significance* | |
|-----------------------------------------------------|--------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|---------------------------------|-----------------------------|--------------------------|----------------------------|------|
| | | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ³ | Total Employment ^{4,5} | GGS Employment ² | GGS Percent ⁶ | Level | Rate |
| Administrative and waste services | 56 | 330,650 | 4.5 | 7,399,320 | 335,417 | 4.3 | 7,711,123 | 4,767 | -0.2 | | YES |
| Administrative and support services | 561 | 24,963 | 0.4 | 7,043,417 | 20,440 | 0.3 | 7,347,425 | -4,523 | -0.1 | | |
| Travel arrangement and reservation services | 5615 | 405 | 0.2 | 188,734 | 537 | 0.3 | 189,631 | 132 | 0.1 | | |
| Services to buildings and dwellings | 5617 | 24,557 | 1.4 | 1,730,720 | 19,903 | 1.1 | 1,772,366 | -4,654 | -0.3 | | |
| Waste management and remediation services | 562 | 305,688 | 85.9 | 355,903 | 314,977 | 86.6 | 363,699 | 9,289 | 0.7 | YES | |
| Waste collection | 5621 | 124,712 | 89.8 | 138,842 | 131,048 | 90.1 | 145,476 | 6,336 | 0.3 | YES | |
| Waste treatment and disposal | 5622 | 89,090 | 93.2 | 95,559 | 87,951 | 93.1 | 94,480 | -1,139 | -0.1 | | |
| Waste treatment and disposal | 56221 | 89,090 | 93.2 | 95,559 | 87,951 | 93.1 | 94,480 | -1,139 | -0.1 | | |
| Hazardous waste treatment and disposal | 562211 | 35,287 | 94.6 | 37,296 | 34,211 | 93.4 | 36,646 | -1,076 | -1.2 | YES | |
| Solid waste landfill | 562212 | 35,485 | 94.0 | 37,739 | 35,039 | 93.2 | 37,583 | -446 | -0.8 | | |
| Solid waste combustors and incinerators | 562213 | 5,854 | 95.2 | 6,151 | 5,555 | 96.8 | 5,740 | -299 | 1.6 | YES | |
| Other nonhazardous waste disposal | 562219 | 12,465 | 86.7 | 14,373 | 13,146 | 90.6 | 14,511 | 681 | 3.9 | YES | YES |
| Remediation and other waste management services | 5629 | 91,886 | 75.6 | 121,501 | 95,979 | 77.6 | 123,743 | 4,093 | 2.0 | YES | |
| Remediation services | 56291 | 57,474 | 75.5 | 76,135 | 58,251 | 75.9 | 76,795 | 777 | 0.4 | | |
| Materials recovery facilities | 56292 | 11,219 | 90.6 | 12,385 | 12,474 | 93.0 | 13,419 | 1,255 | 2.4 | YES | |
| All other waste management services | 56299 | 23,193 | 70.3 | 32,982 | 25,254 | 75.3 | 33,529 | 2,061 | 5.0 | YES | YES |
| Septic tank and related services | 562991 | 14,395 | 73.6 | 19,559 | 15,994 | 81.0 | 19,740 | 1,599 | 7.4 | YES | YES |
| Miscellaneous waste management services | 562998 | 8,798 | 65.5 | 13,423 | 9,260 | 67.2 | 13,789 | 462 | 1.7 | | |
| Education and health services | 61,62 | 28,789 | 0.2 | 18,656,159 | 26,123 | 0.1 | 19,035,334 | -2,666 | -0.1 | | |
| Educational services | 611 | 28,789 | 1.2 | 2,460,150 | 26,123 | 1.0 | 2,545,941 | -2,666 | -0.2 | | |
| Leisure and hospitality | 71,72 | 20,642 | 0.2 | 13,006,814 | 23,696 | 0.2 | 13,294,603 | 3,054 | 0.0 | YES | YES |
| Museums, historical sites, zoos, and parks | 712 | 20,642 | 16.2 | 127,527 | 23,696 | 18.1 | 131,258 | 3,054 | 1.9 | YES | YES |
| Museums, historical sites, zoos, and parks | 7121 | 20,642 | 16.2 | 127,527 | 23,696 | 18.1 | 131,258 | 3,054 | 1.9 | YES | YES |
| Other services, except public administration | 81 | 51,841 | 1.2 | 4,349,563 | 56,257 | 1.3 | 4,408,735 | 4,416 | 0.1 | | |
| Repair and maintenance | 811 | 21,134 | 1.9 | 1,135,118 | 22,100 | 1.9 | 1,163,914 | 966 | 0.0 | | |
| Automotive repair and maintenance | 8111 | 7,757 | 1.0 | 797,591 | 6,652 | 0.8 | 814,603 | -1,105 | -0.2 | | |
| Electronic equipment repair and maintenance | 8112 | 5,247 | 5.4 | 96,898 | 4,857 | 4.9 | 98,419 | -390 | -0.5 | | |
| Commercial machinery repair and maintenance | 8113 | 5,319 | 3.1 | 173,273 | 7,200 | 3.9 | 183,050 | 1,881 | 0.8 | | |
| Household goods repair and maintenance | 8114 | 2,811 | 4.2 | 67,356 | 3,391 | 5.0 | 67,842 | 580 | 0.8 | | |
| Membership associations and organizations | 813 | 30,707 | 2.3 | 1,313,677 | 34,157 | 2.6 | 1,315,466 | 3,450 | 0.3 | YES | YES |
| Grantmaking and giving services | 8132 | 2,817 | 2.3 | 124,667 | 3,662 | 2.9 | 126,638 | 845 | 0.6 | | |
| Social advocacy organizations | 8133 | 20,277 | 10.6 | 191,570 | 20,800 | 10.7 | 193,506 | 523 | 0.1 | | |
| Professional and similar organizations | 8139 | 7,613 | 1.8 | 424,989 | 9,695 | 2.3 | 420,254 | 2,082 | 0.5 | | |

¹North American Industry Classification System, 2012.

²GGS employment is the number of jobs related to the production of Green Goods and Services. This table reflects private ownership only.

³GGS percent is the percentage of the GGS employment compared to the total employment. This value is derived by dividing the GGS employment by the total employment.

⁴Source: Quarterly Census of Employment and Wages (QCEW) annual average.

⁵Industries may not add to total because of unclassified employment in the QCEW. The unclassified NAICS sector is not shown separately, but it is included in the total.

⁶Over-the-year GGS percentage change is the change of GGS percent from 2010 to 2011. This value is derived by subtracting GGS percent in 2011 by GGS percent in 2010.

⁷Data do not meet BLS disclosure standards.

⁸Estimate cannot be created due to the conversion from NAICS 2007 to NAICS 2012.

⁹The 2012 NAICS conversion changed the GGS scope for this industry. BLS utilized backcasting to make the 2010 and 2011 estimates comparable. See the extended technical note for more detail.

NOTE: GGS data for 2010 have been revised to incorporate methodological changes explained in the Technical Note. Please also note data may not add to total or subtotal due to rounding.

* Significant over-the-year changes are calculated at a 90 percent confidence level.