

# Valor de la Producción de la Encuesta Nacional de Empresas Constructoras

## (Miles de pesos corrientes)

| SONORA                                    | 2013             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 2014             |                  |                  |                  |                  |                  |                  |                  |
|-------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Miles de pesos corrientes                 | Enero            | Febrero          | Marzo            | Abril            | Mayo             | Junio            | Julio            | Agosto           | Septiembre       | Octubre          | Noviembre        | Diciembre        | Enero            | Febrero          | Marzo            | Abril            | Mayo             | Junio            | Julio            | Agosto           |
| <b>TOTAL</b>                              | <b>1,780,095</b> | <b>1,331,392</b> | <b>1,402,131</b> | <b>1,395,502</b> | <b>1,397,165</b> | <b>1,307,789</b> | <b>1,425,832</b> | <b>1,537,852</b> | <b>1,561,535</b> | <b>1,965,160</b> | <b>1,963,416</b> | <b>2,235,519</b> | <b>1,459,380</b> | <b>1,754,720</b> | <b>1,671,948</b> | <b>1,578,047</b> | <b>1,549,861</b> | <b>1,609,345</b> | <b>1,778,375</b> | <b>1,641,497</b> |
| <b>EDIFICACION</b>                        | <b>887,498</b>   | <b>673,300</b>   | <b>559,996</b>   | <b>674,072</b>   | <b>562,960</b>   | <b>632,820</b>   | <b>715,879</b>   | <b>702,787</b>   | <b>823,276</b>   | <b>928,659</b>   | <b>888,994</b>   | <b>829,839</b>   | <b>632,558</b>   | <b>601,180</b>   | <b>568,777</b>   | <b>540,011</b>   | <b>628,944</b>   | <b>681,420</b>   | <b>772,204</b>   | <b>741,587</b>   |
| Vivienda unifamiliar                      | 340,795          | 226,703          | 227,305          | 258,258          | 269,421          | 263,190          | 292,611          | 267,868          | 240,092          | 238,976          | 191,353          | 304,045          | 187,498          | 185,005          | 155,445          | 193,993          | 139,041          | 182,655          | 271,272          | 227,460          |
| Vivienda multifamiliar                    | 13,361           | 13,361           | 17,258           | 2,807            | 1,216            | 0                | 0                | 0                | 0                | 14,028           | 0                | 410              | 0                | 0                | 39,369           | 23,036           | 97,976           | 47,562           | 1,383            | 3,633            |
| Escuelas                                  | 517              | 0                | 4,572            | 1,579            | 7,707            | 8,182            | 13,658           | 5,270            | 1,036            | 0                | 5,581            | 3,388            | 2,292            | 5,383            | 2,107            | 782              | 1,765            | 26,418           | 48,000           | 38,497           |
| Ed. para oficinas y similares             | 4,290            | 14,135           | 31,316           | 7,666            | 13,360           | 7,895            | 13,942           | 52,810           | 18,702           | 42,778           | 39,845           | 19,621           | 16,703           | 15,256           | 13,020           | 10,180           | 9,245            | 7,482            | 5,711            | 7,813            |
| Ed. comerciales y de servicios            | 22,756           | 79,953           | 159,658          | 139,683          | 150,126          | 257,622          | 284,316          | 265,854          | 338,614          | 362,062          | 378,255          | 235,506          | 211,219          | 164,820          | 177,312          | 188,107          | 200,259          | 201,500          | 214,268          | 193,890          |
| Ed. industriales en general               | 233,058          | 76,580           | 100,436          | 215,426          | 120,409          | 94,054           | 111,352          | 105,943          | 215,492          | 263,542          | 255,384          | 250,843          | 186,521          | 219,607          | 169,359          | 113,767          | 153,325          | 171,953          | 166,592          | 205,229          |
| Hospitales y clínicas                     | 5,138            | 3,578            | 714              | 0                | 0                | 1,156            | 0                | 1,053            | 919              | 1,565            | 1,437            | 29               | 0                | 0                | 526              | 569              | 6,488            | 8,893            | 11,538           | 15,279           |
| Ed. para recreación y esparcimiento       | 267,583          | 241,956          | 1,215            | 0                | 721              | 721              | 0                | 2,473            | 8,421            | 0                | 0                | 9,952            | 8,872            | 3,801            | 3,375            | 4,665            | 10,800           | 19,677           | 13,680           | 25,643           |
| Obras auxiliares (edificación)            | 0                | 17,034           | 17,522           | 48,653           | 0                | 0                | 0                | 1,516            | 0                | 5,708            | 17,139           | 6,045            | 19,453           | 7,308            | 8,264            | 4,912            | 10,045           | 15,280           | 39,760           | 24,143           |
| <b>AGUA RIEGO Y SANEAMIENTO</b>           | <b>105,335</b>   | <b>56,826</b>    | <b>82,483</b>    | <b>39,407</b>    | <b>33,446</b>    | <b>67,611</b>    | <b>60,119</b>    | <b>63,593</b>    | <b>121,596</b>   | <b>214,279</b>   | <b>269,919</b>   | <b>345,758</b>   | <b>129,273</b>   | <b>150,991</b>   | <b>80,074</b>    | <b>153,240</b>   | <b>135,698</b>   | <b>73,042</b>    | <b>129,329</b>   | <b>80,095</b>    |
| Presas de todo tipo                       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 2,522            | 2,522            | 0                | 656              | 0                | 0                | 0                | 6,274            | 9,184            | 5,094            | 5,815            |
| Obras de riego                            | 64,405           | 11,174           | 11,311           | 12,955           | 12,456           | 16,139           | 19,227           | 26,495           | 34,079           | 75,225           | 77,098           | 108,789          | 79,934           | 42,616           | 22,846           | 21,211           | 29,510           | 45,702           | 13,991           | 68,854           |
| Perforación de pozos                      | 0                | 0                | 0                | 3,029            | 0                | 0                | 350              | 396              | 0                | 9,554            | 3,197            | 17,367           | 4,494            | 2,376            | 11,772           | 6,858            | 14,418           | 8,262            | 36,004           | 0                |
| Túneles                                   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Sistemas de agua potable y cond.          | 30,487           | 45,652           | 69,153           | 23,423           | 20,911           | 20,511           | 25,446           | 22,050           | 24,470           | 26,661           | 26,219           | 31,882           | 5,435            | 8,650            | 7,500            | 4,040            | 6,090            | 4,045            | 3,760            | 3,581            |
| Tanques de almacenamiento                 | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 10,141           | 3,761            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Tratamiento de agua y saneamiento         | 10,443           | 0                | 0                | 0                | 79               | 30,961           | 15,096           | 14,652           | 54,456           | 77,129           | 18,099           | 84,744           | 19,154           | 77,749           | 18,156           | 94,678           | 70,710           | 5,849            | 70,480           | 845              |
| Drenaje urbano                            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 2,625            | 2,040            | 0                | 4,344            | 0                | 0                | 0                | 1,508            | 3,600            | 0                | 0                | 0                |
| Obras Auxiliares (agua riego y sanea)     | 0                | 0                | 2,019            | 0                | 0                | 0                | 0                | 0                | 5,966            | 21,148           | 132,643          | 94,871           | 19,600           | 19,600           | 19,800           | 24,945           | 5,096            | 0                | 0                | 0                |
| <b>ELECTRICIDAD Y COMUNICACIONES</b>      | <b>148,225</b>   | <b>32,286</b>    | <b>104,867</b>   | <b>124,731</b>   | <b>130,964</b>   | <b>42,076</b>    | <b>66,258</b>    | <b>81,534</b>    | <b>58,542</b>    | <b>83,990</b>    | <b>80,939</b>    | <b>207,172</b>   | <b>103,687</b>   | <b>202,276</b>   | <b>134,992</b>   | <b>48,913</b>    | <b>70,729</b>    | <b>47,119</b>    | <b>96,413</b>    | <b>66,903</b>    |
| Instalaciones telefónicas y telegráficas  | 18,021           | 15,499           | 89,262           | 21,368           | 18,835           | 13,623           | 14,193           | 13,647           | 9,616            | 17,736           | 14,151           | 16,130           | 28,954           | 29,746           | 15,214           | 11,249           | 9,837            | 7,206            | 20,440           | 5,486            |
| Plantas hidroeléctricas                   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Plantas termoelectricas                   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 26,614           |
| Líneas de transmisión y dist. de energía  | 26,109           | 16,752           | 11,559           | 103,276          | 111,930          | 15,674           | 45,330           | 66,866           | 48,279           | 55,430           | 46,539           | 188,708          | 50,191           | 118,255          | 111,130          | 37,238           | 46,993           | 35,653           | 69,101           | 21,499           |
| Subestaciones                             | 104,095          | 35               | 4,046            | 87               | 199              | 12,779           | 6,735            | 1,021            | 0                | 8,324            | 20,249           | 2,334            | 24,542           | 54,275           | 8,648            | 426              | 13,899           | 4,260            | 6,872            | 13,304           |
| Obras auxiliares (elec y comun)           | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 647              | 2,500            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| <b>TRANSPORTE</b>                         | <b>321,703</b>   | <b>282,495</b>   | <b>383,025</b>   | <b>330,714</b>   | <b>348,559</b>   | <b>236,429</b>   | <b>186,929</b>   | <b>360,656</b>   | <b>313,508</b>   | <b>393,522</b>   | <b>386,514</b>   | <b>515,799</b>   | <b>299,901</b>   | <b>442,823</b>   | <b>318,533</b>   | <b>407,473</b>   | <b>312,378</b>   | <b>225,136</b>   | <b>238,379</b>   | <b>289,684</b>   |
| Obras auxiliares (transporte)             | 0                | 3,003            | 5,474            | 5,926            | 464              | 19,549           | 283              | 8,102            | 983              | 825              | 735              | 1,819            | 1,237            | 2,250            | 4,056            | 4,582            | 1,132            | 0                | 1,043            | 1,296            |
| Autopistas, carreteras y caminos          | 208,290          | 206,548          | 299,386          | 248,642          | 263,524          | 124,692          | 103,803          | 190,997          | 164,741          | 198,011          | 233,579          | 294,070          | 136,736          | 138,250          | 141,094          | 172,309          | 152,058          | 120,721          | 98,066           | 90,971           |
| Vías férreas                              | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 2,115            | 2,131            | 2,563            | 2,563            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Metro y tren ligero                       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Obras de urbanización y vialidad          | 108,613          | 72,944           | 70,032           | 72,146           | 75,238           | 82,055           | 75,243           | 135,211          | 112,244          | 135,400          | 104,671          | 174,303          | 117,541          | 261,619          | 173,383          | 169,715          | 128,266          | 104,415          | 139,270          | 197,417          |
| Rompeolas y escolleras                    | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 16,204           | 19,575           | 42,457           | 30,700           | 34,935           | 39,662           | 33,454           | 0                | 52,067           | 26,133           | 0                | 0                | 0                |
| Muelles                                   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 5,567            | 3,333            | 3,333            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Astilleros                                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Obras fluviales                           | 4,800            | 0                | 8,133            | 4,000            | 9,333            | 10,133           | 7,600            | 8,027            | 8,267            | 10,933           | 10,933           | 10,672           | 4,725            | 7,250            | 0                | 8,800            | 4,789            | 0                | 0                | 0                |
| Aeropistas                                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| <b>PETROLEO Y PETROQUIMICA</b>            | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>0</b>         | <b>3,200</b>     | <b>3,000</b>     | <b>25,250</b>    | <b>50,500</b>    | <b>81,110</b>    | <b>45,450</b>    | <b>50,500</b>    | <b>51,745</b>    | <b>83,751</b>    | <b>90,798</b>    |
| Perforación de pozos                      | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Plantas de extracción                     | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 3,200            | 3,000            | 25,250           | 50,500           | 81,110           | 45,450           | 50,500           | 51,745           | 83,751           | 90,798           |
| Plantas de refinación y petroquímica      | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Plantas de almacenamiento y dist.         | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Sistemas de conducción por tubería        | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Obras auxiliares (petróleo y petro)       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| <b>OTRAS CONSTRUCCIONES</b>               | <b>317,334</b>   | <b>286,485</b>   | <b>271,760</b>   | <b>226,578</b>   | <b>321,236</b>   | <b>328,853</b>   | <b>396,647</b>   | <b>329,282</b>   | <b>244,613</b>   | <b>344,710</b>   | <b>333,850</b>   | <b>333,951</b>   | <b>268,711</b>   | <b>306,950</b>   | <b>488,462</b>   | <b>382,960</b>   | <b>351,612</b>   | <b>530,883</b>   | <b>458,299</b>   | <b>372,430</b>   |
| Otras obras no especificadas              | 220,104          | 211,768          | 209,031          | 149,653          | 251,427          | 274,985          | 250,743          | 245,000          | 141,949          | 171,208          | 140,007          | 144,919          | 186,755          | 203,057          | 269,099          | 300,896          | 339,656          | 291,733          | 309,829          | 347,252          |
| Instalaciones mineras                     | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Instalaciones de señalamiento y p.        | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 1,567            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Movimientos de tierra                     | 62,306           | 45,828           | 24,644           | 36,612           | 26,493           | 12,686           | 12,686           | 25,066           | 62,286           | 111,639          | 108,915          | 99,616           | 19,742           | 16,245           | 141,177          | 15,368           | 6,281            | 195,128          | 136,339          | 5,198            |
| Excavaciones subterráneas                 | 1,589            | 2,110            | 8,799            | 1,238            | 1,228            | 1,228            | 1,363            | 1,525            | 1,525            | 1,258            | 1,109            | 1,109            | 1,109            | 1,700            | 1,713            | 830              | 0                | 891              | 0                | 0                |
| Montaje e instalación de estructuras met. | 15,908           | 12,597           | 10,200           | 7,622            | 3,393            | 942              | 61,778           | 29,966           | 23,464           | 43,503           | 57,899           | 60,937           | 45,770           | 65,143           | 71,814           | 26,705           | 0                | 2,349            | 0                | 0                |
| Cimentaciones especiales                  | 0                | 0                | 0                | 0                | 0                | 0                | 11,321           | 0                | 1,697            | 636              | 0                | 0                | 0                | 0                | 428              | 35,343           | 0                | 0                | 1,339            | 0                |
| Instalaciones hidráulico-sanitarias       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Instalaciones electromecánicas            | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Instalaciones de aire acondicionado       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                |
| Obras auxiliares en edificación           | 17,427           | 14,182           | 19,086           | 31,453           | 38,695           | 39,012           | 58,756           | 27,725           | 12,125           | 16,199           | 25,920           | 27,370           | 15,335           | 20,805           | 4,231            | 3,818            | 5,675            | 40,782           | 10,792           | 19,980           |

Fuente: Gerencia de Economía y Financiamiento CMIC con datos de la Encuesta Nacional de Empresas Constructoras INEGI. El Valor Bruto de la Producción de la ENEC representa aproximadamente el 40.0% del Producto Interno Bruto