

SUBSECRETARÍA DE MINERÍA
DIRECCIÓN GENERAL DE MINAS
PARTICIPACIÓN EN EL VALOR DE LA PRODUCCIÓN NACIONAL
AÑO BASE 2016

| NÚM. | ESTADO | MUNICIPIO | % PART. |
|------|---------------------|-----------------------|-------------|
| 1 | AGUASCALIENTES | ASIENTOS | 0.670343111 |
| 2 | BAJA CALIFORNIA | ENSENADA | 0.009974917 |
| 3 | BAJA CALIFORNIA | MEXICALI | 0.875090127 |
| 4 | BAJA CALIFORNIA SUR | LA PAZ | 0.551946374 |
| 5 | BAJA CALIFORNIA SUR | MULEGE | 1.193939104 |
| 6 | CAMPECHE | CALAKMUL | 0.000000278 |
| 7 | CAMPECHE | HOPELCHEN | 0.000009331 |
| 8 | CHIHUAHUA | AHUMADA | 0.005528704 |
| 9 | CHIHUAHUA | ALDAMA | 0.005332338 |
| 10 | CHIHUAHUA | AQUILES SERDAN | 0.348036768 |
| 11 | CHIHUAHUA | ASCENSION | 0.557433503 |
| 12 | CHIHUAHUA | BALLEZA | 0.000154559 |
| 13 | CHIHUAHUA | CAMARGO | 0.279955131 |
| 14 | CHIHUAHUA | CHIHUAHUA | 0.227774416 |
| 15 | CHIHUAHUA | CHINIPAS | 1.059226463 |
| 16 | CHIHUAHUA | CUSIHUIRIACHI | 0.127597917 |
| 17 | CHIHUAHUA | GUADALUPE Y CALVO | 0.469191887 |
| 18 | CHIHUAHUA | GUAZAPARES | 0.002839468 |
| 19 | CHIHUAHUA | HIDALGO DEL PARRAL | 0.105635368 |
| 20 | CHIHUAHUA | JIMENEZ | 0.080446837 |
| 21 | CHIHUAHUA | JUAREZ | 0.114253216 |
| 22 | CHIHUAHUA | JULIMES | 0.001982824 |
| 23 | CHIHUAHUA | MADERA | 1.082696184 |
| 24 | CHIHUAHUA | MANUEL BENAVIDES | 0.009809918 |
| 25 | CHIHUAHUA | MATAMOROS | 0.037328393 |
| 26 | CHIHUAHUA | MORIS | 0.001799696 |
| 27 | CHIHUAHUA | OCAMPO | 3.801528019 |
| 28 | CHIHUAHUA | ROSARIO | 0.027549077 |
| 29 | CHIHUAHUA | SAN FRANCISCO DEL ORO | 0.086988735 |
| 30 | CHIHUAHUA | SANTA BARBARA | 1.853765153 |
| 31 | CHIHUAHUA | URIQUE | 0.363759326 |
| 32 | COAHUILA | ABASOLO | 0.014443281 |

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|------|----------|---------------------------|-------------|
| 33 | COAHUILA | ACUÑA | 0.018194713 |
| 34 | COAHUILA | CASTAÑOS | 0.049037577 |
| 35 | COAHUILA | CUATRO CIENEGAS | 0.007634255 |
| 36 | COAHUILA | ESCOBEDO | 0.027875192 |
| 37 | COAHUILA | HIDALGO | 0.241652863 |
| 38 | COAHUILA | JUAREZ | 0.023180276 |
| 39 | COAHUILA | MONCLOVA | 0.010527792 |
| 40 | COAHUILA | MUZQUIZ | 0.420040286 |
| 41 | COAHUILA | NAVA | 0.573428483 |
| 42 | COAHUILA | OCAMPO | 0.53206313 |
| 43 | COAHUILA | PARRAS | 0.000719918 |
| 44 | COAHUILA | PIEDRAS NEGRAS | 0.032238252 |
| 45 | COAHUILA | PROGRESO | 0.426036535 |
| 46 | COAHUILA | RAMOS ARIZPE | 0.059980702 |
| 47 | COAHUILA | SABINAS | 0.319528 |
| 48 | COAHUILA | SAN BUENAVENTURA | 0.00006525 |
| 49 | COAHUILA | SAN JUAN DE SABINAS | 0.081190359 |
| 50 | COAHUILA | SAN PEDRO | 0.016630914 |
| 51 | COAHUILA | SAN PEDRO DE LAS COLONIAS | 0.001888029 |
| 52 | COAHUILA | SIERRA MOJADA | 2.276337431 |
| 53 | COAHUILA | ZARAGOZA | 0.000045947 |
| 54 | COLIMA | ARMERIA | 0.001149092 |
| 55 | COLIMA | COLIMA | 0.094861354 |
| 56 | COLIMA | COQUIMATLAN | 0.000000833 |
| 57 | COLIMA | MANZANILLO | 0.001075708 |
| 58 | COLIMA | MINATITLAN | 1.054365093 |
| 59 | COLIMA | TECOMAN | 0.00000676 |
| 60 | DURANGO | CANELAS | 0.390738283 |
| 61 | DURANGO | CUENCAME | 1.891756084 |
| 62 | DURANGO | DURANGO | 1.041076938 |
| 63 | DURANGO | GUANACEVI | 0.328526843 |
| 64 | DURANGO | INDE | 0.000710444 |

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|------|------------|-------------------------|-------------|
| 65 | DURANGO | MAPIMI | 0.185868808 |
| 66 | DURANGO | NOMBRE DE DIOS | 0.309615432 |
| 67 | DURANGO | OTAEZ | 0.749363392 |
| 68 | DURANGO | PANUCO DE CORONADO | 0.300249687 |
| 69 | DURANGO | PEÑON BLANCO | 0.000220711 |
| 70 | DURANGO | SAN DIMAS | 0.830009253 |
| 71 | DURANGO | SAN JUAN DEL RIO | 0.908198608 |
| 72 | DURANGO | SANTIAGO PAPASQUIARO | 0.94376195 |
| 73 | DURANGO | TEPEHUANES | 0.095702778 |
| 74 | DURANGO | TOPIA | 0.16176972 |
| 75 | GUANAJUATO | ATARJEA | 0.000000024 |
| 76 | GUANAJUATO | CELAYA | 0.00188934 |
| 77 | GUANAJUATO | COMONFORT | 0.002495609 |
| 78 | GUANAJUATO | CUERAMARO | 0.000034489 |
| 79 | GUANAJUATO | GUANAJUATO | 1.091602371 |
| 80 | GUANAJUATO | LEON | 0.000182312 |
| 81 | GUANAJUATO | PENJAMO | 0.00013072 |
| 82 | GUANAJUATO | SALVATIERRA | 0.000000765 |
| 83 | GUANAJUATO | SAN FELIPE | 0.000243713 |
| 84 | GUANAJUATO | SAN LUIS DE LA PAZ | 0.000308165 |
| 85 | GUANAJUATO | SANTA CATARINA | 0.000000009 |
| 86 | GUANAJUATO | TARIMORO | 0.000104315 |
| 87 | GUERRERO | ATENANGO DEL RIO | 0.000172173 |
| 88 | GUERRERO | COCULA | 1.98274213 |
| 89 | GUERRERO | EDUARDO NERI | 1.836060159 |
| 90 | GUERRERO | LA UNION | 0.019166173 |
| 91 | GUERRERO | PETATLAN | 0.07564418 |
| 92 | GUERRERO | TETIPAC | 0.067652766 |
| 93 | GUERRERO | TLALCHAPA | 0.006491855 |
| 94 | HIDALGO | AGUA BLANCA DE ITURBIDE | 0.00118238 |
| 95 | HIDALGO | HUICHAPAN | 0.000003221 |
| 96 | HIDALGO | MINERAL DEL CHICO | 0.009532626 |

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|------|-----------|-------------------------|-------------|
| 97 | HIDALGO | MOLANGO | 0.118919327 |
| 98 | HIDALGO | PACHUCA | 0.054018212 |
| 99 | HIDALGO | PACULA | 0.037537689 |
| 100 | HIDALGO | TECOZAUTLA | 0.000000788 |
| 101 | HIDALGO | TEPEHUACAN DE GUERRERO | 0.004261747 |
| 102 | HIDALGO | TLANCHINOL | 0.115345032 |
| 103 | HIDALGO | TULA DE ALLENDE | 0.000000278 |
| 104 | HIDALGO | XOCHICOATLAN | 0.003393719 |
| 105 | HIDALGO | ZIMAPAN | 0.462685937 |
| 106 | JALISCO | AUTLAN DE NAVARRO | 0.000864655 |
| 107 | JALISCO | BOLAÑOS | 0.236694394 |
| 108 | JALISCO | CHIQUILISTLAN | 0.000167242 |
| 109 | JALISCO | ETZATLAN | 0.000421513 |
| 110 | JALISCO | LA HUERTA | 0.007371605 |
| 111 | JALISCO | MAGDALENA | 0.000000268 |
| 112 | JALISCO | PIHUAMO | 0.000023182 |
| 113 | JALISCO | SAN MARTIN DE BOLAÑOS | 0.237848548 |
| 114 | JALISCO | SAN SEBASTIAN DEL OESTE | 0.011363574 |
| 115 | JALISCO | TAMAZULA DE GORDIANO | 0.000168579 |
| 116 | JALISCO | TECALITLAN | 0.004791543 |
| 117 | JALISCO | TECOLOTLAN | 0.00018303 |
| 118 | JALISCO | TONAYA | 0.000011108 |
| 119 | JALISCO | TONILA | 0.0000129 |
| 120 | JALISCO | TUXCACUESCO | 0.000000805 |
| 121 | JALISCO | VENUSTIANO CARRANZA | 0.000012233 |
| 122 | JALISCO | VILLA CORONA | 0.000097432 |
| 123 | JALISCO | ZACOALCO DE TORRES | 0.133682016 |
| 124 | MEXICO | TEMASCALTEPEC | 0.163806885 |
| 125 | MEXICO | ZACAZONAPAN | 1.340951065 |
| 126 | MEXICO | ZACUALPAN | 0.055054751 |
| 127 | MICHOACAN | ANGANGUEO | 0.00526495 |
| 128 | MICHOACAN | AQUILA | 0.463696103 |

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|------|------------|---------------------------|-------------|
| 129 | MICHOACAN | ARTEAGA | 0.000444749 |
| 130 | MICHOACAN | CHINICUILA | 0.000013071 |
| 131 | MICHOACAN | ECUANDUREO | 0.000097432 |
| 132 | MICHOACAN | HUETAMO | 0.030919575 |
| 133 | MICHOACAN | LA HUACANA | 0.003489244 |
| 134 | MICHOACAN | LAZARO CARDENAS | 0.53687629 |
| 135 | MICHOACAN | SENGUIO | 0.000060895 |
| 136 | MICHOACAN | TURICATO | 0.060095927 |
| 137 | MICHOACAN | ZINAPECUARO | 0.00214799 |
| 138 | MORELOS | PUENTE DE IXTLA | 0.000824206 |
| 139 | NAYARIT | COMPOSTELA | 0.012216145 |
| 140 | NAYARIT | SANTA MARIA DEL ORO | 0.025136502 |
| 141 | NAYARIT | SANTIAGO IXCUINTLA | 0.000293553 |
| 142 | NAYARIT | TECUALA | 0.000358751 |
| 143 | NUEVO LEON | ARAMBERRI | 0.072973037 |
| 144 | NUEVO LEON | GALEANA | 0.017319842 |
| 145 | NUEVO LEON | GARCIA | 0.038065317 |
| 146 | NUEVO LEON | HIDALGO | 0.000001388 |
| 147 | NUEVO LEON | MINA | 0.052229158 |
| 148 | OAXACA | JUCHITAN DE ZARAGOZA | 0.000046026 |
| 149 | OAXACA | SALINA CRUZ | 0.000075253 |
| 150 | OAXACA | SAN JOSE DEL PROGRESO | 1.021509649 |
| 151 | OAXACA | SAN MIGUEL EJUTLA | 0.000900877 |
| 152 | OAXACA | SAN PEDRO HUAMELULA | 0.00003452 |
| 153 | OAXACA | SAN PEDRO TOTOLAPA | 0.631552358 |
| 154 | OAXACA | SANTA MARIA XADANI | 0.000027731 |
| 155 | OAXACA | SANTIAGO ASTATA | 0.00003452 |
| 156 | OAXACA | SANTO DOMINGO TEHUANTEPEC | 0.000068119 |
| 157 | PUEBLA | CHIETLA | 0.000000555 |
| 158 | PUEBLA | IZUCAR DE MATAMOROS | 0.00247601 |
| 159 | PUEBLA | JOLALPAN | 0.072155898 |
| 160 | PUEBLA | ZACATLAN | 0.061961739 |

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|------|-----------------|-----------------------|-------------|
| 161 | QUERETARO | CADEREYTA DE MONTES | 0.359771139 |
| 162 | QUERETARO | COLON | 0.124159634 |
| 163 | QUERETARO | EL MARQUES | 0.000003644 |
| 164 | QUERETARO | EZEQUIEL MONTES | 0.004620975 |
| 165 | QUERETARO | PEÑAMILLER | 0.321028558 |
| 166 | QUERETARO | PINAL DE AMOLES | 0.053188316 |
| 167 | QUERETARO | SAN JOAQUIN | 0.006119144 |
| 168 | QUERETARO | SAN JUAN DEL RIO | 0.000686261 |
| 169 | QUERETARO | TEQUISQUIAPAN | 0.019292226 |
| 170 | SAN LUIS POTOSI | CERRITOS | 0.004688474 |
| 171 | SAN LUIS POTOSI | CERRO DE SAN PEDRO | 0.603972161 |
| 172 | SAN LUIS POTOSI | CHARCAS | 0.701175067 |
| 173 | SAN LUIS POTOSI | GUADALCAZAR | 0.007778664 |
| 174 | SAN LUIS POTOSI | SAN NICOLAS TOLENTINO | 0.006486303 |
| 175 | SAN LUIS POTOSI | SANTA MARIA DEL RIO | 0.000010736 |
| 176 | SAN LUIS POTOSI | VILLA DE LA PAZ | 1.350780552 |
| 177 | SAN LUIS POTOSI | VILLA JUAREZ | 0.020061948 |
| 178 | SAN LUIS POTOSI | ZARAGOZA | 0.629909378 |
| 179 | SINALOA | AHOME | 0.000035377 |
| 180 | SINALOA | CONCORDIA | 0.075626708 |
| 181 | SINALOA | COSALA | 0.314163917 |
| 182 | SINALOA | MOCORITO | 0.520359921 |
| 183 | SINALOA | ROSARIO | 0.254687358 |
| 184 | SINALOA | SAN IGNACIO | 0.483985552 |
| 185 | SINALOA | SINALOA | 0.073485554 |
| 186 | SONORA | AGUA PRIETA | 0.000220788 |
| 187 | SONORA | ALAMOS | 2.053862408 |
| 188 | SONORA | ALTAR | 0.991252795 |
| 189 | SONORA | BANAMICHI | 0.662436507 |
| 190 | SONORA | BAVIACORA | 0.004710344 |
| 191 | SONORA | BENJAMIN HILL | 0.288335663 |
| 192 | SONORA | CABORCA | 5.318182937 |

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|------|------------|---------------------------|-------------|
| 193 | SONORA | CANANEA | 14.70601357 |
| 194 | SONORA | CARBO | 0.000006979 |
| 195 | SONORA | CUCURPE | 0.902971132 |
| 196 | SONORA | HERMOSILLO | 0.13052612 |
| 197 | SONORA | HUASABAS | 0.000000107 |
| 198 | SONORA | HUATABAMPO | 0.000918109 |
| 199 | SONORA | LA COLORADA | 0.465582673 |
| 200 | SONORA | MAGDALENA | 0.174914041 |
| 201 | SONORA | NACOZARI DE GARCIA | 5.27085113 |
| 202 | SONORA | QUIRIEGO | 0.003336867 |
| 203 | SONORA | ROSARIO | 0.000032804 |
| 204 | SONORA | SAHUARIPA | 2.183478579 |
| 205 | SONORA | SAN IGNACIO RIO MUERTO | 0.019071792 |
| 206 | SONORA | SAN JAVIER | 0.000849605 |
| 207 | SONORA | SANTA ANA | 0.490318572 |
| 208 | SONORA | SANTA CRUZ | 0.736903825 |
| 209 | SONORA | SOYOPA | 0.624305236 |
| 210 | SONORA | VILLA PESQUEIRA | 0.021589908 |
| 211 | TAMAULIPAS | NUEVO LAREDO | 0.007314417 |
| 212 | TAMAULIPAS | VICTORIA | 0.00238631 |
| 213 | VERACRUZ | HUAYACOCOTLA | 0.002267804 |
| 214 | VERACRUZ | IXHUATLAN DEL SURESTE | 0.066242105 |
| 215 | VERACRUZ | JALTIPAN | 0.182956684 |
| 216 | YUCATAN | RIO LAGARTOS | 0.051650876 |
| 217 | ZACATECAS | CHALCHIHUITES | 0.945677516 |
| 218 | ZACATECAS | FRESNILLO | 6.334338377 |
| 219 | ZACATECAS | GENARO CODINA | 0.000000774 |
| 220 | ZACATECAS | GENERAL FRANCISCO MURGUIA | 0.000721281 |
| 221 | ZACATECAS | GENERAL PANFILO NATERA | 0.01339281 |
| 222 | ZACATECAS | JEREZ | 0.006488103 |
| 223 | ZACATECAS | JIMENEZ DE TEUL | 0.000819142 |
| 224 | ZACATECAS | MAZAPIL | 8.705593482 |

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|--------------|-----------|-------------------------|---------------------|
| 225 | ZACATECAS | MELCHOR OCAMPO | 0.002432614 |
| 226 | ZACATECAS | MORELOS | 1.024365116 |
| 227 | ZACATECAS | OJOCALIENTE | 0.851139895 |
| 228 | ZACATECAS | PANUCO | 0.000074615 |
| 229 | ZACATECAS | SAIN ALTO | 0.000015754 |
| 230 | ZACATECAS | SOMBRETE | 0.852911652 |
| 231 | ZACATECAS | TEUL DE GONZALEZ ORTEGA | 0.000265136 |
| 232 | ZACATECAS | VETAGRANDE | 0.000005514 |
| 233 | ZACATECAS | VILLANUEVA | 0.002791018 |
| 234 | ZACATECAS | ZACATECAS | 0.387017915 |
| TOTAL | | | 100.00000000 |