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PETROLEUM REFINERY STATISTICS

1927

BY

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PETROLEUM REFINERY STATISTICS, 1927[1]

By G. R. Hopkins[2]

GENERAL STATEMENT

SUMMARY

In general, the statistical record for the refining industry in 1927 was not unlike that of 1926. Runs to stills of crude petroleum again showed a material increase, and the production of gasoline, the most important product, was thereby greatly increased over 1926. Another factor that served to augment the supply of gasoline was the gain in percentage recovery which resulted, primarily, from the higher grade of crude run to stills and from the increased use of natural gasoline. The consumption of gasoline in 1927 showed an increase of 13 per cent over 1926, which was the chief factor in the decrease in stocks during the year of 15 per cent. An abundance of relatively low-priced high-grade crude for skimming purposes served to curtail cracking, which was one of the contributing factors toward an overabundance of fuel oil. The production and consumption of both kerosene and lubricants in 1927 showed slight declines from 1926, and their relative importance was lessened in favor of gasoline. The minor products—wax, coke, and asphalt—were favored by increased domestic consumption in 1927, and their statistical position was strengthened.

The increased consumption of refined products in 1927 was completely overshadowed by the overproduction of crude petroleum, which not only resulted in much lower prices for crude but for nearly all refined products as well.

RUNS TO STILLS

Another material increase in annual throughput at refineries in the United States was recorded in 1927, when a total of 828,835,000 barrels of crude petroleum was run to stills. Of this amount 778,-

[1] Work on manuscript completed September, 1928.

[2] Unless otherwise indicated, the tables of this report have been prepared by E. W. Cochrane, A. B. Coons, M. N. Schellenger, A. L. Clapp, C. S. Evans, E. M. Seeley, and B. L. Thompson, of the Bureau of Mines. Current figures of imports, exports, and shipments were obtained by J. A. Dorsey, of the Bureau of Mines, from records of the Bureau of Foreign and Domestic Commerce. The data for California were compiled at the San Francisco office of the Bureau of Mines by E. T. Knudsen.

729,000 barrels was domestic crude petroleum and 50,106,000 barrels was foreign crude petroleum, representing increases of 6 and 11 per cent, respectively, over the 1926 totals. The chief factor in this expansion of refinery operations was an increase in capacity during the year of 6 per cent obtained both by adding to and replacing existing equipment. The refineries appear to be committed to a policy of increasing their capacity at about the same rate as the general increase in crude throughput, although the chief incentive of each refinery is the desire to increase or at least to maintain its relative importance. Competition is particularly keen in the refining industry, and the desire for a greater volume of business through enlarged facilities has been the result. This program of expansion has been simplified by new inventions and improvements, like the pipe still, which have enabled many refineries greatly to increase their crude throughput. An abundance of low-priced crude was made available by the overproduction of 1927 (see fig. 1), but this does not appear to have been as much of a factor in the increased throughput as is commonly supposed. During 1927 the refineries operated at an average of 79 per cent of their capacity, as compared with 80 per cent in 1926, whereas at first thought it would appear likely that the low price of crude would be an incentive for refiners to operate at as near 100 per cent capacity as possible. This apparent paradox is an illustration of the enlarged scope of operations of the large refiner, who, by virtue of long-term contracts and controlled supplies of crude, is more immune to periods of depression.

Runs to stills showed a more or less steady increase throughout the year, regardless of season, and were highest in November, when the daily average throughput of domestic and foreign crude petroleum was 2,333,000 barrels.

Of the eight major districts of the country only two showed decreased runs to stills of domestic and foreign crude petroleum in 1927 as compared with 1926. These two were the Louisiana-Arkansas district, where runs declined from 71,012,000 barrels in 1926 to 70,444,000 barrels in 1927, and the Rocky Mountain district, which fell from 29,205,000 to 25,026,000 barrels. The chief cause of the decline in operations in the Louisiana-Arkansas district was a decrease in use of Mexican crude on the Louisiana Gulf coast. The falling off in operations of the Rocky Mountain States was due mainly to general curtailment at Wyoming refineries because of low prices for refined products and to a decline in production at Kevin-Sunburst to below refinery requirements. Runs to stills of crude petroleum in the East coast district in 1927 were nearly 20,000,000 barrels higher than in 1926. This was the largest increase reported for any of the districts and was due almost entirely to greater use of Venezuelan crude. Operations in the Texas Gulf coast were materially

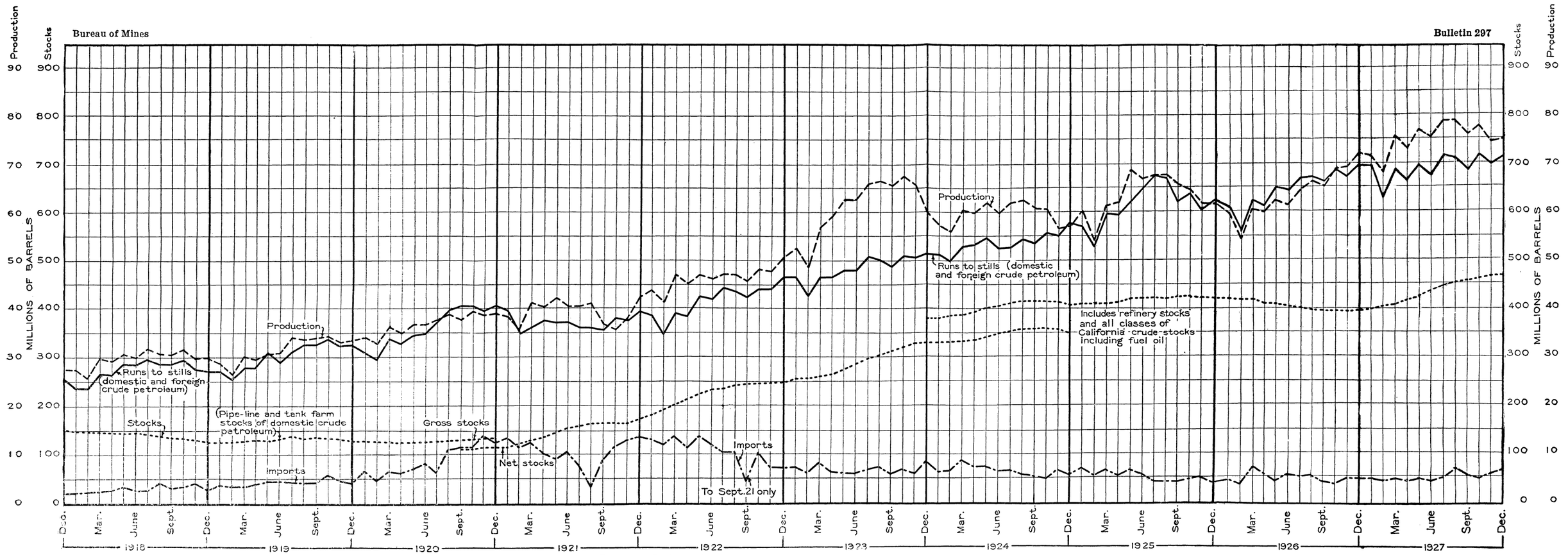

FIGURE 1.—Crude petroleum; production, imports, runs to stills, and stocks, 1918–1927

higher than in 1926, with an increased use of domestic crude petroleum more than compensating for a decline in the use of foreign crude petroleum. A factor of increasing importance to the Texas Gulf coast area was the development of an enormous potential crude supply in west Texas, which was making rapid progress at the close of 1927. Nearly all of the west Texas pipe lines have their terminals on the Texas Gulf coast, where crude from such fields as Yates and Hendricks has nearly driven foreign crude off the market and, because of exceptionally low prices, is competing vigorously with other domestic crudes.

Gross runs to stills of unfinished oils exceeded the gross production of unfinished oils during the year by 12,879,000 barrels, as compared with 11,068,000 barrels in 1926. The excess resulted mainly from the divergence of gas oil and fuel oil to cracking stock.

NATURAL GASOLINE

A total of 32,162,000 barrels of natural gasoline was used at refineries in 1927 as compared with 27,696,000 barrels in 1926. The 1927 total is equivalent to 82 per cent of the total output of natural gasoline as reported by the manufacturers. The practice of transporting natural gasoline by pipe line increased slightly in California and received some stimulus in certain parts of the Mid-Continent field, such as the Texas Panhandle, where the low price of the product and its quality of imparting mobility to the crude petroleum appears to have overbalanced the heavy losses incurred. A total of 3,370,000 barrels of natural gasoline was mixed with crude and transported in this manner in California, but similar data for the remainder of the country are not yet available.

California was the leading district in the amount of natural gasoline used in 1927, though from the standpoint of percentage of natural gasoline contained in the finished motor fuel the Louisiana Gulf coast district easily ranked first. This resulted mainly from the operations of one company, which was reported to blend a high percentage of natural gasoline with tops and heavy naphthas to obtain gasoline for export.

GASOLINE

The production of motor fuel in the United States in 1927 amounted to 14,030,058,000 gallons, or 334,049,000 barrels. Of this amount 824,000 barrels represents natural gasoline blended at the plants, 228,000 barrels represents natural gasoline sold direct to jobbers, and 2,562,000 barrels represents benzol obtained from by-product coke plants and blended in motor fuel. Deducting these items, which amount to slightly over 1 per cent of the total, leaves 330,435,000 barrels of "gasoline" as manufactured at refineries. This

item is much more easily handled in statistics than the total of motor fuel, hence is the one upon which practically all of the following tables for gasoline are based (see fig. 2).

The percentage yield of gasoline from crude run to stills continued to rise and for 1927 amounted to 39.9 per cent as compared with 38.5 per cent in 1926. This increase was undoubtedly due, in the main, to a fairly widespread use of high-grade Seminole crude which more than compensated for a decline in the percentage of gasoline recovered by cracking. The Indiana-Illinois district, with a gasoline recovery of 58 per cent, was the leading district in this respect, closely followed by the Rocky Mountain district with a recovery of 57 per cent. The percentage yield of the California district rose from 25 per cent in 1926 to 29 per cent in 1927, which notable gain resulted from the use of a higher grade of crude and to a lesser extent from increased cracking.

As stated above, the total production of gasoline at refineries in the United States in 1927 amounted to 330,435,000 barrels, an increase over 1926 of 10 per cent. Of this total the leading district, Texas, produced 71,276,000 barrels, or 22 per cent, followed by California with 60,115,000 barrels, or 18 per cent. The Rocky Mountain district was the only one in which gasoline production for 1927 was lower than in 1926.

The gasoline output reached its peak in November, when the daily average was 953,000 barrels. November was also the leading month for daily average crude runs to stills. The gasoline output was at its lowest in April, May, and June, the period just preceding the heaviest consumption. This unusual condition undoubtedly resulted from the general depression that followed the reduction in crude prices during the early part of the year.

Of the total output in 1927, 197,047,000 barrels, or 59.6 per cent, was produced by straight-run methods; 101,226,000 barrels, or 30.7 per cent, was produced by cracking; and 32,162,000 barrels, or 9.7 per cent, resulted from the use of natural gasoline. This indicates a decrease in the percentage obtained from cracking and an increase in each of the other methods. Although the overabundance of low-priced crude tended to retard cracking and a considerable number of units were shut down, there was actually a larger amount of gasoline produced by cracking in 1927 than in 1926. Furthermore, as an added indication that the falling off in cracking activity will probably be of short duration, the refining industry increased the total capacity of its cracking equipment very substantially in 1927 in preparing for the time when crude prices shall have recovered from the present slump.

The Indiana-Illinois district led in the percentage of total gasoline production obtained by cracking with 43 per cent, followed by Texas

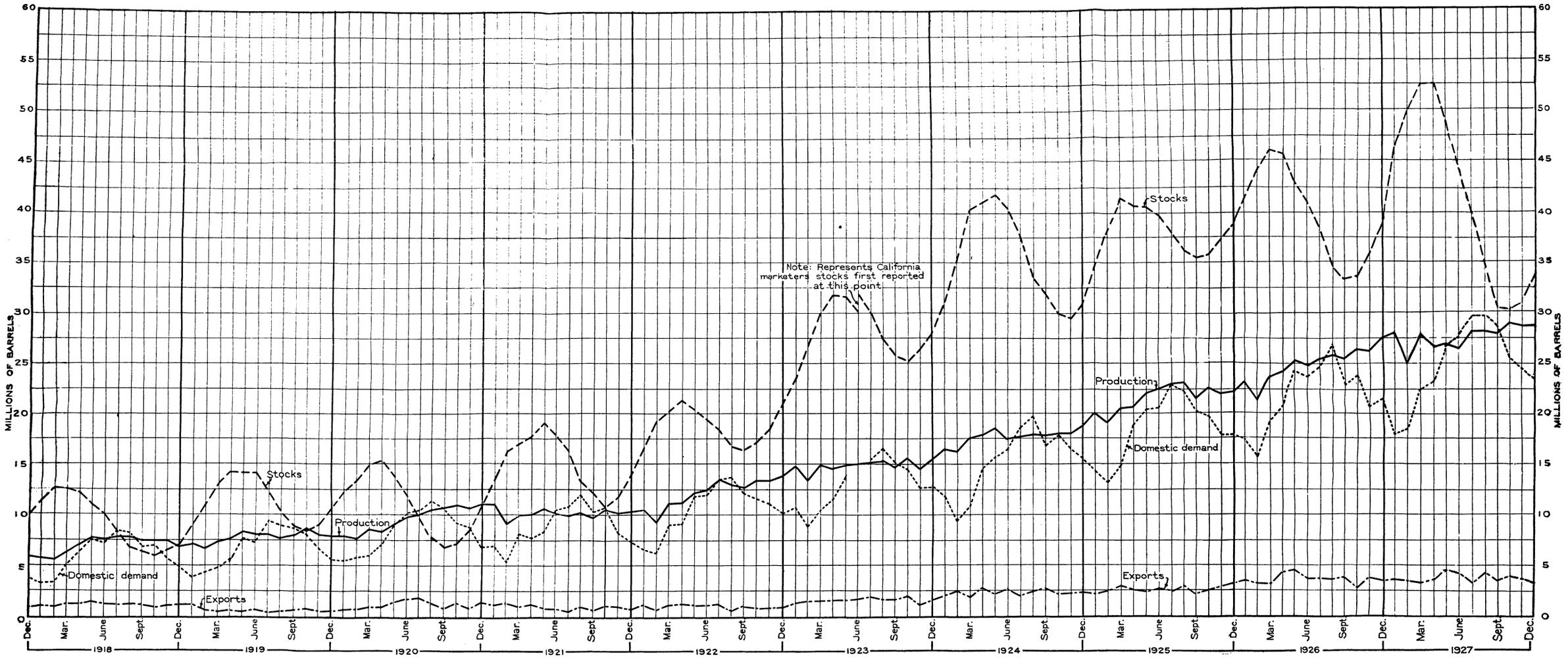

FIGURE 2.—Gasoline; production, domestic demand, exports, and stocks, 1918-1927

with 40 per cent. Cracking is still a minor phase of refinery operations in California, although the 1927 output of 3,787,000 barrels was three times the production by this method in 1926. The building program in that State was relatively quite extensive, but operation of the new units was retarded.

The upward trend in gasoline consumption was continued in 1927, when the total indicated domestic demand amounted to 296,807,000 barrels, a daily average of 813,000 barrels. This compares with a daily average of 717,000 barrels in 1926, an increase of 13 per cent. The largest single factor in this gain was an increase of 5.1 per cent in the number of motor vehicles registered, although the tendency to extend the motoring season into the colder months by using closed cars, and the greater use of trucks and busses also had some effect. Gasoline prices were materially lower in 1927 than in 1926, which may have had a slight effect on gasoline consumption, although it is pretty generally recognized that the cost of gasoline, while it may be the subject of considerable discussion, is a minor factor in the expense of maintaining and operating the average motor vehicle.

As might be expected, July and August were the peak months for gasoline consumption which during this time considerably exceeded production. The daily average indicated domestic demand for the month of lowest consumption—January—was 571,000 barrels, which was only slightly above that for January, 1926.

Through the medium of the gasoline tax, consumption figures are available for all the States, with the exception of Massachusetts, New York, New Jersey, and Illinois. For the States with the tax California led in gallons assessed, with 1,017,681,000, and was the first State having the tax to pass the 1,000,000,000-gallon mark.

Imports of gasoline in 1927 amounted to 5,002,000 barrels as against 5,540,000 barrels in 1926. Exports, including shipments to the noncontiguous territories—Alaska, Hawaii, and Porto Rico—were higher, rising from 43,313,000 barrels in 1926 to 44,337,000 barrels in 1927. This decrease in imports and increase in exports was a reflection of the low prices which prevailed in this country throughout the year and which allowed our gasoline to dominate most foreign markets.

The record of gasoline stocks in 1927 was perhaps the most interesting phase of the statistics of the industry. Total stocks on hand during the first six months of the year were considerably in excess of those held for the same months of 1926, but, in general, the reverse was true of the last half of the year. Stocks on hand at the end of 1927 amounted to 33,316,000 barrels as compared with 39,023,000 barrels on hand the previous year. The statistical strength of gasoline from the standpoint of stocks in 1927 is perhaps best illustrated

by an analysis of days' supply. Record consumption, combined with curtailed cracking, resulted in a reduction of days' supply from the high point of 67 for January 31, 1927, to 29 for September 30, 1927. The latter was the lowest point since October, 1921. That the strong position of gasoline stocks did not result in a noticeable improvement in the price situation was due to the greater influence of other factors, principally the heavy additions to crude stocks.

The ease with which gasoline production may be speeded up by cracking undoubtedly exerted an influence in reducing gasoline stocks in 1927. Refiners have learned that storing gasoline stocks is costly, much more so than storing cracking stocks. Stocks were reduced the greatest amounts in 1927 in the East coast and Rocky Mountain districts, both of which could easily increase their gasoline output by cracking.

The work of the Bureau of Mines in keeping informed in regard to the quality of gasoline sold in the United States indicates there was no material change in quality of gasoline sold in 1927 as compared with 1926. Continued growth in the use of natural gasoline for blending purposes was indicated by a further slight decline in boiling points.

AUTOMOBILE REGISTRATIONS AND GASOLINE TAXES

According to the Bureau of Public Roads the total number of cars and trucks registered on December 31, 1926 and 1927, amounted to 22,001,393 and 23,127,315, respectively. This indicates an increase in the number of motor vehicles during 1927 of 5 per cent. New York continued to lead in registrations, followed by California. North Carolina showed the largest percentage increase in registrations during the year, and only two States, Arkansas and Florida, reported a decrease. The decline in number of cars in Florida was doubtless a reaction from the rapid growth of 1926.

Two States, Illinois and New Jersey, placed a gasoline tax in operation during the year (the tax in Illinois was later declared unconstitutional). This leaves only two States, Massachusetts and New York, which do not impose such a tax.

The total tax receipts from the sale of motor fuel in 1927 amounted to $258,838,813, an increase of 38 per cent over 1926. Part of this abnormal gain resulted from the increase in gallonage taxed, but the major portion was due to increases during the year in the tax per gallon. In addition to the above taxes, motorists paid $301,061,132 for registration fees, licenses, and fines.

KEROSENE

A further decline in the percentage yield of kerosene was recorded in 1927, when the total production was equivalent to only 6.8 per

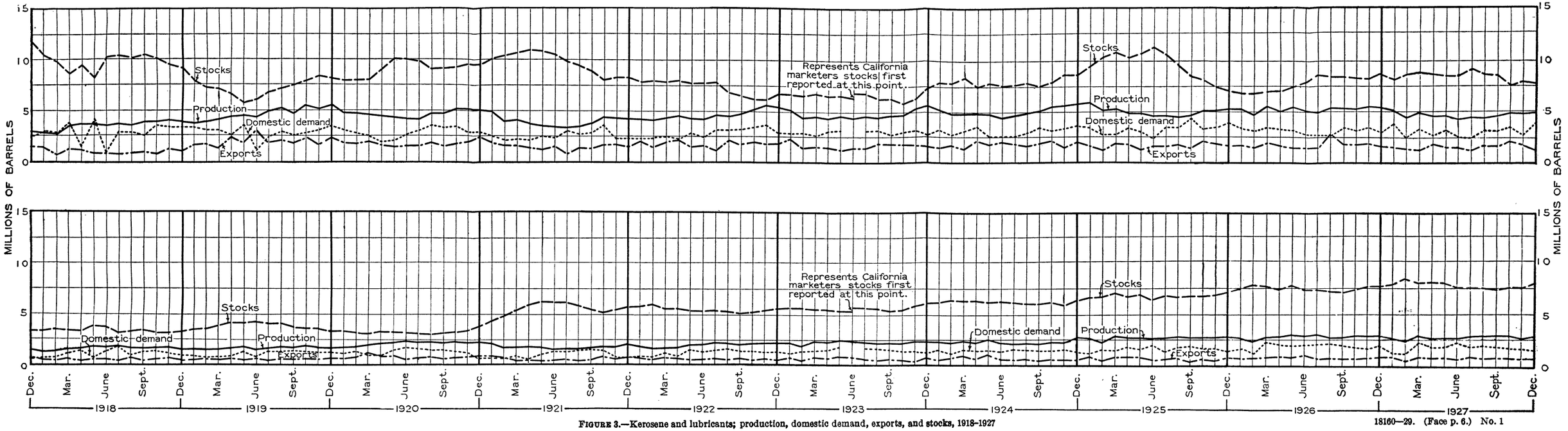

FIGURE 3.—Kerosene and lubricants; production, domestic demand, exports, and stocks, 1918–1927

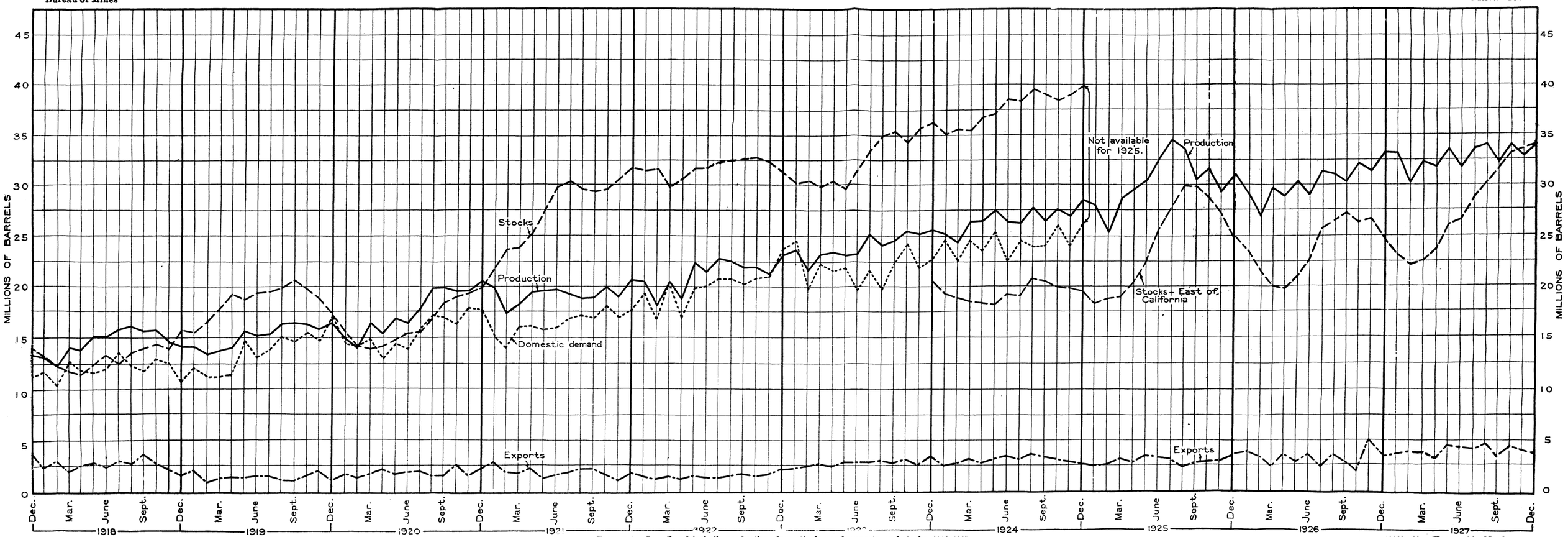

FIGURE 4.—Gas oil and fuel oil; production, domestic demand, exports, and stocks, 1918–1927

cent of the crude run to stills as against 7.9 per cent in 1926. The total output in 1927 was 56,113,000 barrels, as compared with 61,768,000 barrels in 1926, a decrease of 9 per cent.

The total indicated domestic demand of kerosene in 1927 amounted to 37,491,000 barrels, a slight drop from the previous year. As might be expected, the leading months for kerosene consumption were January and December (see fig. 3).

Only 16 States report the amount of kerosene sold, hence data on the consumption of this commodity are necessarily meager. Of the 16 States Minnesota, Michigan, Kansas, and Missouri ranked foremost in the order named.

In common with gasoline, kerosene stocks were reduced materially during the year, declining from 8,575,000 barrels on hand December 31, 1926, to 7,715,000 barrels at the end of 1927. The largest decline in kerosene stocks occurred in October, coincident with the period of highest exports.

In general, the trade in kerosene was dull in 1927 with weakening consumption and low prices. Statistics as to kerosene consumption by industries are not available, but it seems likely that the decline in use of this product for both heating and lighting purposes more than offset any gain due to growth in the number of tractors.

GAS OIL AND FUEL OIL

The recovery of gas oil and fuel oil, the most important commodity or class of commodities from point of volume, was 47.4 per cent of the total crude runs as compared with 46.9 per cent in 1926. This was the first year for some time that the recovery of gas oil and fuel oil has shown an increase, which undoubtedly resulted from the slowing down in cracking activity. The widespread use of high-grade Seminole crude in 1927 decreased fuel-oil recovery, but this was more than counterbalanced by the use of west Texas and Venezuelan crudes of high fuel-oil content.

The total production of gas oil and fuel oil in 1927 amounted to 393,066,000 barrels, as compared with 365,195,000 barrels in 1926, an increase of 7.6 per cent. The highest daily average production of gas oil and fuel oil, 1,098,000 barrels, was recorded in November and the lowest, 1,043,000 barrels, in March. The high point, however, did not eclipse the record of 1,113,000 barrels for July, 1925 (see fig. 4).

The California district was by far the largest producer of gas oil and fuel oil in 1927. The output of that State was 144,908,000 barrels, which was equivalent to 37 per cent of the total for the country in 1927 and approximately double the output of both the East coast and Texas, the next ranking districts. The influence

exerted by the grade of crude run to stills is clearly shown in the Appalachian district, which ranked highest in the percentage recovery of kerosene with 13 per cent but lowest in the recovery of gas oil and fuel oil with 24 per cent.

Stocks of gas oil and fuel oil held east of California were generally higher than in 1926 and on December 31, 1927, amounted to 34,022,000 barrels as compared with 24,898,000 barrels at the end of the previous year. In California stocks of gas oil and fuel oil are combined with heavy crude which obscures the record for each separately. The total of the two showed a more or less gradual increase throughout 1927 in which probably both classes of fuel oil shared. This method of reporting necessarily prevents the computation of domestic demand on the usual basis. However, the trend in stocks east of California would indicate an even balance between supply and demand during the winter months but pronounced overproduction in the majority of the other months.

Although, as stated above, the computed figures for domestic demand for gas oil and fuel oil are lacking, considerable data on actual consumption by industries are available through a cooperative study by the American Petroleum Institute and the Bureau of Mines. The 1927 survey of fuel-oil distribution shows that the decrease in oil burned under stills and boilers at refineries more than offset the increases in other types of utilization, with the result that gas-oil and fuel-oil deliveries within the United States during 1927 did not reach the 1926 total. Shipments of gas oil and fuel oil to foreign ports and noncontiguous territories during 1927 increased sufficiently over 1926 to compensate for the decrease in domestic deliveries.

Deliveries of fuel oil to railroads decreased. During 1926 some of the principal consuming railroads increased their stocks of fuel oil, and receipts during that year were several million barrels greater than the actual consumption. In 1927, on the other hand, these railroads drew on the oil in storage, and their purchases of fuel oil were less than in the preceding year, although the actual consumption was approximately the same.

Deliveries of fuel oil to ship bunkers increased in each of the major areas, California, the Gulf coast, and North Atlantic ports. The consumption of gas oil and fuel oil at gas plants decreased, particularly in New York and Pennsylvania, due to changes in gas-manufacturing processes which substituted coke-oven gas for water gas, the purchase of still gas from petroleum refineries, and increased economy in steam generators. The consumption of fuel oil in the generation of electric power at public utility plants also decreased, due to the increased use of natural gas in Texas and the increased output of hydroelectric power in California. The consumption of

fuel oil in general manufacturing and at smelters and mines also showed a decrease.

The principal increase, aside from bunker-oil deliveries, was in the use of oil for commercial and domestic heating. Although increases were shown in both types of heating deliveries of gas oil and fuel oil for the heating of homes more than doubled the 1926 figure.

LUBRICANTS

The trend in the statistics of lubricants was reversed in 1927, when this product, like kerosene, suffered losses in both output and indicated domestic demand. The percentage yield fell from 4.1 per cent for 1926 to a new low of 3.8 per cent in 1927. Exports were higher, but stocks increased during the year. The output of the East coast district showed an increase over 1926, but production in the majority of the other districts fell off. In view of the increased motoring and the continuance of industrial activity at a high plane the decline in consumption of lubricants may seem surprising. A number of causes have been assigned to account for this, chief of which are (1) increased use of oil purifiers on automobiles, (2) growth in number of plants for reclaiming lubricating oils, (3) increased tendency to drain crank cases less frequently, and (4) growth in efficiency in use by industrial plants.

WAX

The total output of wax in 1927 dropped off from its record figures of 1926 to slightly below the production in 1925. Exports of wax were only slightly higher than in 1926, but imports more than doubled. The situation as to stocks in 1927 was nearly the reverse of 1926, with total withdrawals of 18,117,000 pounds as compared with additions to stocks of 68,940,000 pounds in 1926.

COKE

The production of coke in 1927 amounted to 1,145,200 short tons, as compared with 995,300 short tons in 1926, an increase of 15 per cent. A large part of this increase resulted from increased runs to stills, although a growing tendency for refineries to use, as fuel, coke formerly thrown away and recorded as losses also had a material effect on output. A moderate increase in the amount of coke consumed for fuel at refineries was noted in 1927, and it is probable that the consumption by other agencies also increased. However, stocks continued to rise and on December 31, 1927, amounted to 345,100 short tons.

ASPHALT

Record domestic demand, increased exports, and higher prices for asphalt in 1927 supplied the incentives for the refiners to increase

their output of this commodity to new high levels. The total production of asphalt in 1927 amounted to 3,417,700 short tons, an increase over 1926 of 17 per cent. The largest factor in this growth was the increase in the East coast district, where a little over half of the total tonnage was produced. The production of asphalt from crudes from Mexico was affected by the curtailed output of crude in that country, but this was more than compensated for by increased use of domestic grades. Stocks of asphalt at refineries increased 14 per cent during 1927, but this was not excessive in view of the greater increase in sales.

LOSSES

Losses, or shortage at refineries in 1927, amounted to 28,396,000 barrels, equivalent to 3.4 per cent of the total crude petroleum run to stills. This represents a slight drop from the 3.5 per cent recorded in 1926, and was probably due to less cracking. The percentage of losses showed wide variation between the various refining districts. The lowest percentage was 1.3, recorded in the Louisiana Gulf coast area; the highest, 5.6 per cent, was in the Appalachian district.

PANAMA CANAL SHIPMENTS

As a whole, little change was recorded in shipments of oil from California through the Panama Canal to eastern ports in the United States. A decline in shipments of crude of approximately 400,000 barrels was partly offset by increased shipments of refined products. Gasoline was the most important commodity transported through the canal in 1927 and was the only one that showed a material increase over 1926. Total shipments of gasoline amounted to 11,675,000 barrels as against 8,453,000 barrels in 1926. Shipments of both gas oil and fuel oil fell off materially, while tops, at one time of great importance, ceased altogether to be a factor in this trade in 1927.

IMPORTS

On the whole, a marked falling off in imports of refined products was recorded in 1927, when the total amounted to only 13,353,000 barrels as compared with 20,938,000 barrels in 1926. Imports of gasoline fell off approximately 500,000 barrels, or 10 per cent, a probable reflection of depressed prices in this country. Imports of fuel oil and tops also fell off following the pronounced decline of refining in Mexico. The brisk demand for wax stimulated imports of this commodity, with the result that the total receipts in 1927 were more than double those of 1926.

EXPORTS AND SHIPMENTS

Exports of refined products from the United States to foreign countries continued to increase and reached a new high level of 119,485,000 barrels in 1927. This represents an increase over 1926

of over 8,000,000 barrels, the major portion of which was accounted for by increased shipments of fuel oil. Exports of gasoline increased slightly, but shipments of kerosene dropped off. Exports of asphalt registered a very material increase, amounting in 1927 to 385,000 short tons, the equivalent of 11 per cent of the refinery output of this product.

Although total exports in 1927 were higher than in 1926 the percentage increase was below the average for the past few years. It would seem logical that the low prices for refined products which prevailed in this country during 1927 would have induced foreign buyers to increase their orders materially. That this did not occur was probably due to the existence of low prices throughout the world and to continued growth in refining capacity in Europe and South America.

Shipments of all products to the noncontiguous Territories—Alaska, Hawaii, and Porto Rico—which are added to exports to foreign countries in computing domestic demand, totaled 5,706,000 barrels in 1927, as compared with 4,992,000 barrels in 1926. Although shipments to Porto Rico more than doubled and those to Hawaii dropped off the latter easily retained first place among the territories as an importer of refined products from the United States.

The United Kingdom continued to outrank by far the other countries as a consumer of our refined products. However, except for increased shipments of kerosene and wax our trade with the United Kingdom in refined products was lower in 1927 than in 1926. Our trade with Argentina in refined products increased materially in 1927, but that with France fell off to a marked degree.

The ports of the Gulf coast district were again the leading shipping points for gasoline and kerosene. The Pacific coast ranked first in fuel oil, the Atlantic coast in both lubricants and wax. The largest single port, or customs district, was Los Angeles with exports of 37,369,000 barrels, equivalent to 31 per cent of total exports of refined products from this country.

PRICES

Prices were uniformly lower in 1927 than in 1926. With the exception, perhaps, of lubricants, prices of all refined products, particularly gasoline and fuel oil, developed marked weakness during the early part of the year and from then on decreased steadily. The primary cause of this general price decline, which wiped out the gains made since the depression of 1923, was the overproduction of crude, which was communicated to refined products and completely nullified favorable economic factors like the strong position of gasoline stocks and the tendency of refiners to restrict throughput in accord with con sumption.

Tank-wagon prices of gasoline averaged about 2 cents per gallon lower in 1927 than in 1926. Fuel-oil prices fell steadily throughout the year, the total net decrease averaging about 50 per cent of the price on the first of January.

Prices of nearly all the refined products were steadier on the Pacific coast than east of the Rockies; in fact, the tank-wagon price of gasoline at San Francisco at the end of the year was 1 cent higher than at the beginning. This resulted from the fact that the industry in California in 1927 was not harassed by an overproduction of crude, such as that which was centered in the Mid-Continent. Fuel-oil prices on the Pacific coast continued low in 1927, despite the shutting-in of a large number of wells yielding heavy oil.

CENSUS OF REFINERIES

On December 31, 1927, there were 423 completed petroleum refineries in the United States, with a daily crude-oil capacity of 3,250,380 barrels. In addition, 5 refineries, with a potential capacity of 22,000 barrels, were being constructed. Of the completed refineries 326, with a capacity of 3,036,125 barrels or 93 per cent of the total capacity, were in operation; and 97, with a capacity of 214,255 barrels or 7 per cent of the total, were shut down.

The depression of 1927 was particularly hard on the average small refiner, with the result that a number of plants were forced to shut down and others were sold. The number of shut-down plants declined from 138 the first of the year to 97 on December 31, 1927. Approximately one-half of the difference—that is, 20 plants—represent those dismantled during the year and the remainder those which have been shut down for at least five years and were removed from the list. On the other hand, the larger refineries having greater financial resources were able to weather the storm and in some instances to expand their facilities, as is illustrated by the fact that although the total number of completed refineries declined from 466 on January 1, 1927, to 423 on December 31, 1927, the total daily capacity increased from 3,061,007 to 3,250,380 barrels, a gain of 6 per cent. Runs to stills of crude petroleum in 1927 registered an increase of 6 per cent over 1926, which indicates that the growth in refinery capacity is keeping pace with the demand for all refined products.

Owing to the wholesale dismantling of small skimming plants in Texas in 1927 this State dropped from first to second in favor of California both in number of completed plants and in number of operating plants. California continued to rank first in capacity but is closely followed by Texas, which made up for the loss in number of plants by recording a material increase in capacity, particularly in the Gulf coast area.

The only area of flush crude production in 1927 that was not in fairly close proximity to refining centers was west Texas, where the greater part of the building program of that year was projected. The building of new refineries in west Texas did not assume the proportions of a rush, for in spite of the prevailing low price of 60 cents per barrel for crude, the high sulphur content, the distance from markets, and the low prices of refined products made the matter of building refineries in west Texas one for serious deliberation.

Two plants were opened near Philadelphia and constituted nearly all of the new construction placed in operation on the Atlantic seaboard in 1927.

Of the total number of completed or building plants 247, with a capacity of 924,170 barrels or 28 per cent of the total capacity, were skimming plants, and 42, with a capacity of 1,580,500 barrels or 49 per cent of the total, were complete plants. This compares with 26 per cent skimming and 48 per cent complete on December 31, 1926.

CENSUS OF CRACKING PLANTS

Contrary to general opinion, the depression in the oil industry in 1927 did little to curb the expansion of cracking facilities at refineries in the United States. The overproduction of crude petroleum in 1927 and the resultant abundance of low-priced crude for skimming purposes caused a number of cracking plants to shut down and a few refiners to curtail or stop building; nevertheless, overproduction did not seriously affect the program of the major portion of the industry in preparing for the time when crude may be less abundant.

There was a total of 2,334 cracking units in the United States on December 31, 1927, having a total daily charging capacity of 1,288,000 barrels of cracking stock. Of the total 1,435 units, with a charging capacity of 1,013,000 barrels or 78 per cent of the total capacity, were in operation; 10 units, with a capacity of 22,000 or 2 per cent of the total, were under construction; and 889 units, with a capacity of 253,000 barrels or 20 per cent of the total, were shut down. Complete data to compute the average gasoline recovery from the cracking stock charged to stills are not available, but such information as is on hand indicates a recovery considerably in excess of the 33 per cent reported in June, 1925.

The leading district for cracking operations in the United States is the Texas Gulf coast. This district on December 31, 1927, had 386 units of a total capacity of 266,000 barrels, as compared with only 51 units and a total capacity of 31,000 barrels for the rest of the State. Most of the refineries of the Atlantic seaboard have large cracking plants, which throughout the year 1927 showed a steady gain in the percentage of cracked gasoline produced to the total output. The

refineries in the vicinity of Chicago in the so-called Indiana-Illinois district also specialize in cracking and by that method have produced nearly one-half of their gasoline output for some time. Cracking is still a minor phase of refinery operations in California. The building program in that State in 1927 was relatively quite extensive, but operation of the new units was retarded on account of a surplus of crude. Only 3,785,000 barrels of cracked gasoline was produced in California in 1927, but this was three times the 1926 total.

SUMMARY TABLES

SUMMARY OF RUNS TO STILLS AND PRODUCTION, 1923–1927

Summary of runs to stills and production at refineries of the various refined products, 1923 to 1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	1923		1924		1925		1926		1927	
	Total	Daily average	Total	Daily average	Total	Daily average	Total	Daily average	Total	Daily average
INPUT										
Runs to stills of domestic crude petroleum	538,252	1,474	597,954	1,634	698,582	1,914	734,301	2,012	778,729	2,134
Runs to stills of foreign crude petroleum	42,986	118	45,765	125	41,338	113	44,963	123	50,106	137
Runs to stills of crude petroleum	581,238	1,592	643,719	1,759	739,920	2,027	779,264	2,135	828,835	2,271
Unfinished oils rerun (net) [2]	5,010	14	12,920	35	9,221	25	11,068	30	12,879	35
Natural gasoline blended	5,487	15	12,671	34	[1] 19,636	54	[1] 27,696	76	[1] 32,162	88
Total	591,735	1,621	669,310	1,828	768,777	2,106	818,028	2,241	873,876	2,394
OUTPUT										
Gasoline	179,903	493	213,326	583	259,601	711	299,734	821	330,435	905
Kerosene	55,927	153	60,026	163	59,689	164	61,768	169	56,113	154
Gas oil and fuel oil	287,481	788	320,476	875	364,991	1,000	365,195	1,001	393,066	1,077
Lubricants	26,128	72	27,498	75	31,055	85	32,293	88	31,721	87
Wax (thousands of pounds)	466,647	1,279	516,491	1,411	590,577	1,618	645,815	1,769	584,347	1,601
Wax (thousands of barrels)	1,684	4	1,861	5	2,135	6	2,310	6	2,089	6
Coke (thousands of short tons)	672.5	1.84	761.1	2.08	991	2.72	995.3	2.73	1,145.2	3.14
Coke (thousands of barrels)	3,717	10	4,085	11	5,281	14	5,316	15	5,858	16
Asphalt (thousands of short tons)	2,327.1	6.38	2,545.6	6.96	2,677.4	7.34	2,922.8	8	3,417.7	9.36
Asphalt (thousands of barrels)	12,888	35	14,196	39	15,067	41	16,454	45	18,793	51
All other finished products	5,086	14	8,252	23	8,044	22	8,030	22	7,405	20
Unfinished oils produced (net) [2]										
Losses	18,921	52	19,590	54	22,914	63	26,928	74	28,396	78
Total	591,735	1,621	669,310	1,828	768,777	2,106	818,028	2,241	873,876	2,394

[1] Includes natural gasoline run through pipe lines in California.
[2] Gross unfinished oils rerun in excess of gross unfinished oils produced for every year 1923–1927.

SUMMARY OF STOCKS AT REFINERIES AS OF DECEMBER 31, 1923–1927

Summary of stocks held at refineries on the last day of the year, 1923–1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	1923	1924	1925	1926	1927
Domestic crude petroleum	29,756	37,701	[1] 22,969	[1] 32,251	[1] 35,284
Foreign crude petroleum	3,503	3,294	4,188	3,224	4,033
Total crude petroleum	33,259	40,995	[1] 27,157 [1 2] 29,200	[1] 35,475	[1] 39,317
Unfinished oils	37,307	34,480	38,922	38,829	35,316
Gasoline	28,014	30,823	38,875	39,023	33,316
Kerosene	7,231	8,594	7,121	8,575	7,715
Gas oil and fuel oil	36,072	[1] 19,556	[1] 24,681	[1] 24,898	[1] 34,022
Lubricants	6,138	6,420	7,253	7,576	7,860
Wax (thousands of pounds)	164,758	89,706	116,391	185,331	167,214
Wax (thousands of barrels)	595	326	419	665	597

	1923	1924	1925	1926	1927
Coke (thousands of short tons)	26.3	97.8	238.4	290.6	345.1
Coke (thousands of barrels)	145	530	1,272	1,514	1,760
Asphalt (thousands of short tons)	118.1	97.3	159.4	193.3	220.8
Asphalt (thousands of barrels)	645	548	897	1,067	1,223
All other finished products	1,244	1,089	1,009	1,100	1,221
Total refined products	117,391	102,366	120,449	123,247	123,030
Total crude and refined	150,650	143,361	[2] 147,606 [1 2] 149,649	158,722	162,347

[1] East of California.

[2] Includes oil in coastwise transit.

ANALYSIS OF SUPPLY AND DEMAND OF ALL OILS, 1926 AND 1927

Analysis of supply and demand of all oils, by months, 1926 and 1927

[Including wax, coke, and asphalt in thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Supply:													
Domestic production—													
Crude petroleum—													
Light	49,039	44,892	50,027	49,562	51,710	51,068	53,501	54,558	54,007	57,422	57,720	60,220	633,726
Heavy	10,942	10,000	10,853	10,809	11,112	10,721	11,667	12,451	11,775	12,242	12,171	12,405	137,148
Total crude	59,981	54,892	60,880	60,371	62,822	61,789	65,168	67,009	65,782	69,664	69,891	72,625	770,874
Natural gasoline	2,524	2,381	2,693	2,609	2,626	2,548	2,629	2,664	2,657	2,907	2,967	3,100	32,305
Benzol	181	166	179	171	176	171	179	179	174	181	179	176	2,112
Total	62,686	57,439	63,752	63,151	65,624	64,508	67,976	69,852	68,613	72,752	73,037	75,901	805,291
Daily average	2,022	2,051	2,057	2,105	2,117	2,150	2,193	2,253	2,287	2,347	2,435	2,448	2,206
Imports—													
Crude	4,688	3,743	7,216	5,906	4,501	5,571	5,185	5,332	4,350	3,860	5,043	4,987	60,382
Refined	1,251	2,001	1,522	1,616	2,017	2,344	1,992	2,361	1,132	1,765	1,619	1,318	20,938
Total new supply, all oils	68,625	63,183	72,490	70,673	72,142	72,423	75,153	77,545	74,095	78,377	79,699	82,206	886,611
Daily average	2,214	2,257	2,338	2,356	2,327	2,414	2,424	2,501	2,470	2,528	2,657	2,652	2,429
Change in stocks, all oils	[1] 1,237	217	1,711	[1] [2] 11,003	[1] 2,594	[1] 4,782	[1] 2,667	[1] 5,885	[1] 3,004	5	921	3,554	[1] 24,764
Demand:													
Total demand	69,862	62,966	70,779	81,676	74,736	77,205	77,820	83,430	77,099	78,372	78,778	78,652	911,375
Daily average	2,254	2,249	2,283	2,723	2,411	2,574	2,510	2,691	2,570	2,528	2,626	2,537	2,497
Exports [3]—													
Crude	1,183	1,049	965	1,308	1,842	1,226	1,726	1,083	1,388	1,010	1,344	1,283	15,407
Refined	9,742	8,999	8,276	10,688	9,816	9,960	8,762	10,709	9,306	7,630	11,964	10,235	116,087
Domestic demand [4]	58,937	52,918	61,538	69,680	63,078	66,019	67,332	71,638	66,405	69,732	65,470	67,134	779,881
Daily average	1,901	1,890	1,985	2,323	2,035	2,201	2,172	2,311	2,214	2,249	2,182	2,166	2,137
Excess daily average domestic production over domestic demand	121	161	72	[5] 218	82	[5] 51	21	[5] 58	73	98	253	282	69

[1] Decrease.
[2] Fire loss, 4,600,000 barrels light crude, 3,204,000 barrels heavy crude, 410,000 barrels refined, total 8,214,000 barrels.
[3] Includes shipments to noncontiguous territories.
[4] Inclusive of bunker oil, laden on vessels engaged in foreign trade, for which see below.
[5] Deficiency.

Analysis of supply and demand of all oils, by months, 1926 and 1927—Continued

[Including wax, coke, and asphalt in thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926—Continued													
Stocks (end of month):													
Crude petroleum—													
East of California [6]—													
Light	291,628	230,730	228,161	226,737	224,669	221,665	221,535	220,240	220,103	222,137	223,828	225,404	----------
Heavy		58,186	60,030	59,673	59,517	59,402	57,137	57,719	57,885	55,310	53,321	52,860	----------
California—													
Light	44,197	44,871	43,973	[2] 38,634	37,192	35,454	33,548	32,149	30,494	30,390	30,051	30,861	----------
Heavy [7]	86,614	86,744	88,466	[2] 85,656	88,184	87,364	88,092	87,772	87,353	87,529	87,440	87,270 / [8] 88,309	---------- / ----------
Total	422,439	420,531	420,630	[2] 410,700	409,562	403,885	400,312	397,880	395,835	395,366	394,640	396,395	----------
Natural gasoline at plants	405	419	490	507	588	650	631	590	493	488	462	455	----------
Total refined	120,780	122,891	124,432	[2] 123,342	121,805	122,638	123,563	120,151	119,289	119,768	121,441	123,247	----------
Grand total stocks, all oils	543,624	543,841	545,552	[2] 534,549	531,955	527,173	524,506	518,621	515,617	515,622	516,543	520,097 / [8] 521,136	---------- / ----------
Days' supply [9]	241	242	239	196	221	205	209	193	201	204	197	205	208
Bunker oil	3,746	3,232	3,402	4,060	3,729	4,038	3,940	4,126	4,040	4,330	3,953	4,066	46,662
1927													
Supply:													
Domestic production—													
Crude petroleum—													
Light	61,564	59,061	65,494	63,565	67,283	65,862	69,121	69,345	66,911	68,277	65,884	66,427	788,794
Heavy	10,194	9,061	10,020	9,567	9,562	9,441	9,659	9,443	8,998	9,257	8,609	8,524	112,335
Total crude	71,758	68,122	75,514	73,132	76,845	75,303	78,780	78,788	75,909	77,534	74,493	74,951	901,129
Natural gasoline	3,145	2,933	3,272	3,172	3,219	3,093	3,119	3,214	3,245	3,419	3,393	3,433	38,657
Benzol	217	200	226	216	221	210	214	214	210	217	205	212	2,562
Total	75,120	71,255	79,012	76,520	80,285	78,606	82,113	82,216	79,364	81,170	78,091	78,596	942,348
Daily average	2,423	2,545	2,549	2,551	2,590	2,620	2,649	2,652	2,645	2,618	2,603	2,535	2,582
Imports—													
Crude	4,593	4,181	4,582	4,063	4,557	4,019	4,823	6,261	5,122	4,633	5,339	6,210	58,383
Refined	1,189	1,507	1,027	1,201	1,329	1,448	1,053	774	868	1,042	1,159	756	13,353
Total new supply, all oils	80,902	76,943	84,621	81,784	86,171	84,073	87,989	89,251	85,354	86,845	84,589	85,562	1,014,084
Daily average	2,610	2,748	2,730	2,726	2,780	2,802	2,838	2,879	2,845	2,801	2,820	2,760	2,778
Change in stocks, all oils	8,249	9,006	8,451	8,015	5,848	4,331	7,758	1,614	1,520	3,442	7,110	3,127	68,471

Demand:													
Total demand	72,653	67,937	76,170	73,769	80,323	79,742	80,231	87,637	83,834	83,403	77,479	82,435	945,613
Daily average	2,344	2,426	2,457	2,459	2,591	2,658	2,588	2,827	2,794	2,690	2,583	2,659	2,591
Exports[3]—													
Crude	1,204	1,165	1,199	1,171	1,390	1,410	1,089	1,382	1,297	1,539	1,280	1,717	15,843
Refined	10,051	9,636	9,450	9,940	11,868	11,311	10,080	11,758	9,652	11,554	10,525	9,366	125,191
Domestic demand[4]	61,398	57,136	65,521	62,658	67,065	67,021	69,062	74,497	72,885	70,310	65,674	71,352	804,579
Daily average	1,980	2,041	2,114	2,089	2,163	2,234	2,228	2,403	2,430	2,268	2,189	2,302	2,204
Excess daily average domestic production over domestic demand	443	504	435	462	427	386	421	249	215	350	414	233	378
Stocks (end of month):													
Crude petroleum—													
East of California[6]—													
Light	230,976	238,529	245,405	252,584	259,020	267,610	276,871	286,803	290,851	297,336	301,325	303,539	----------
Heavy	48,326	47,737	45,737	46,235	47,947	47,854	47,507	46,610	48,621	48,528	49,162	48,499	----------
California—													
Light	31,017	29,770	29,568	29,460	27,143	26,898	25,301	23,262	22,826	21,676	21,273	20,086	----------
Heavy[7]	89,043	88,834	89,103	89,537	91,407	91,964	93,011	93,353	93,820	92,233	93,880	93,719	----------
Total	399,362	404,870	409,813	417,816	425,517	434,326	442,690	450,028	456,118	459,773	465,640	465,843	----------
Natural gasoline at plants	560	619	697	788	926	971	992	846	736	781	820	734	----------
Total refined	129,463	132,902	136,332	136,253	134,262	129,739	129,112	123,534	119,074	118,816	120,020	123,030	----------
Grand total stocks, all oils	529,385	538,391	546,842	554,857	560,705	565,036	572,794	574,408	575,928	579,370	586,480	589,607	----------
Days' supply[9]	226	222	223	226	216	213	221	203	206	215	227	222	228
Bunker oil	3,940	3,587	3,874	4,204	4,251	4,244	4,077	4,470	4,436	4,594	4,110	4,264	50,051

[2] Fire loss, 4,600,000 barrels light crude, 3,204,000 barrels heavy crude, 410,000 barrels refined, total 8,214,000 barrels.
[3] Includes shipments to noncontiguous territories.
[4] Inclusive of bunker oil, laden on vessels engaged in foreign trade, for which see below.
[6] Exclusive of producers' stocks.
[7] Includes fuel oil.
[8] Revised figure to compare with 1927.
[9] Grand total stocks divided by daily average total demand.

COMPARATIVE ANALYSES OF THE MAJOR REFINED PRODUCTS, 1926 AND 1927

Comparative analyses of the major refined products, by months, 1926 and 1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASOLINE													
1926													
Production	23,208	21,259	23,868	24,296	25,271	24,946	25,504	25,942	25,360	26,337	26,245	27,498	299,734
Daily average	749	759	770	810	815	832	823	837	845	850	875	887	821
Imports [1]	299	337	444	419	586	434	427	614	228	844	456	452	5,540
Daily average	10	12	14	14	19	14	14	20	8	27	15	15	15
Exports [1]	3,361	3,246	3,094	4,256	4,530	3,744	3,702	3,568	3,782	2,783	3,834	3,413	43,313
Daily average	108	116	100	142	146	125	119	115	126	90	128	110	119
Stocks	41,524	44,132	46,121	45,767	42,916	40,779	38,289	34,421	33,257	33,712	35,905	39,023	39,023
Days' supply	62	65	64	55	46	44	42	35	37	39	44	49	47
Domestic demand	17,497	15,742	19,229	20,813	24,178	23,773	24,719	26,856	22,970	23,943	20,674	21,419	261,813
Daily average	564	562	620	694	780	792	797	866	766	772	689	691	717
1927													
Production	27,899	25,011	27,849	26,565	26,780	26,471	28,040	28,008	27,708	28,879	28,606	28,619	330,435
Daily average	900	893	898	886	864	882	905	903	924	932	954	923	905
Imports [1]	520	415	493	377	490	590	190	348	515	365	417	282	5,002
Daily average	17	15	16	13	16	20	6	11	17	12	14	9	14
Exports [1]	3,549	3,444	3,219	3,639	4,468	4,253	3,224	4,208	3,540	3,953	3,686	3,154	44,337
Daily average	114	123	104	121	144	142	104	136	118	128	123	102	121
Stocks	46,191	49,842	52,460	52,532	48,859	44,124	39,608	34,199	30,481	30,258	31,117	33,316	33,316
Days' supply	67	64	63	59	49	42	38	31	29	32	33	39	36
Domestic demand	17,702	18,331	22,505	23,231	26,475	27,543	29,522	29,557	28,401	25,514	24,478	23,548	296,807
Daily average	571	655	726	774	854	918	952	953	947	823	816	760	813
KEROSENE													
1926													
Production	5,122	4,746	5,516	5,037	5,210	5,009	4,877	5,162	5,207	5,126	5,357	5,399	61,768
Daily average	165	170	178	168	168	167	157	167	174	165	179	174	169
Imports [1]		1	1		4	3	21	20	21	3			74
Daily average							1	1	1				
Exports [1]	1,871	1,577	1,876	1,759	1,623	1,601	1,613	2,691	1,856	1,905	2,029	1,847	22,248
Daily average	60	56	61	59	52	53	52	87	62	61	68	60	61
Stocks	6,851	6,855	7,004	7,014	7,378	7,881	8,434	8,196	8,162	8,238	8,060	8,575	8,575
Domestic demand	3,521	3,166	3,492	3,268	3,227	2,908	2,732	2,729	3,406	3,148	3,506	3,037	38,140
Daily average	114	113	113	109	104	97	88	88	114	102	117	98	104

1927													
Production	5,113	4,453	4,802	4,608	4,663	4,308	4,484	4,420	4,686	4,883	4,824	4,869	56,113
Daily average	165	159	155	154	150	144	145	143	156	158	161	157	154
Imports [1]		1	3	1	1	2		4		1	27	15	55
Exports [1]	1,601	1,454	1,351	1,861	1,633	1,616	1,376	1,700	1,659	2,211	1,821	1,254	19,537
Daily average	52	52	44	62	53	54	44	55	55	71	61	40	54
Stocks	8,206	8,672	8,753	8,725	8,568	8,567	9,143	8,694	8,523	7,611	7,937	7,715	7,715
Domestic demand	3,881	2,534	3,373	2,776	3,188	2,695	2,532	3,173	3,198	3,585	2,704	3,852	37,491
Daily average	126	91	109	93	103	90	82	102	107	116	90	124	103
GAS OIL AND FUEL OIL [2]													
1926													
Production	28,981	27,094	29,824	29,029	30,380	29,130	31,461	31,154	30,698	32,444	31,624	33,376	365,195
Daily average	935	968	962	968	980	971	1,015	1,005	1,023	1,047	1,054	1,077	1,001
Imports [1]	863	1,585	947	1,148	1,368	1,856	1,485	1,629	818	858	1,111	764	14,432
Daily average	28	57	31	38	44	62	48	53	27	28	37	25	40
Exports [1]	3,612	3,190	2,345	3,476	2,735	3,376	2,427	3,582	2,750	2,015	5,019	3,330	38,351
Daily average	117	114	76	116	88	112	78	116	92	65	167	124	105
Stocks [3]	23,266	21,445	20,037	19,788	20,858	22,554	25,696	26,500	27,151	26,376	26,859	24,898	24,898
1927													
Production	33,073	30,213	32,347	31,740	33,449	31,709	33,554	33,975	32,295	33,901	32,946	33,864	393,066
Daily average	1,067	1,079	1,043	1,058	1,079	1,057	1,082	1,096	1,077	1,094	1,098	1,092	1,077
Imports [1]	660	1,053	525	805	826	851	849	391	341	668	704	451	8,124
Daily average	21	38	17	27	27	28	27	13	11	22	23	15	22
Exports [1]	3,740	3,811	3,657	3,325	4,544	4,278	4,070	4,639	3,258	4,306	3,935	3,828	47,391
Daily average	121	136	118	111	147	143	131	150	109	139	131	123	130
Stocks [3]	23,195	22,099	22,561	23,732	26,059	26,590	28,890	30,346	31,631	33,191	33,637	34,022	34,022
LUBRICANTS													
1926													
Production	2,648	2,448	2,646	2,692	2,863	2,681	2,831	2,648	2,645	2,768	2,724	2,699	32,293
Daily average	85	87	85	90	92	89	91	85	88	89	91	87	88
Imports [1]	2	1	4	3	11	3	1	2	2	2	1	1	33
Exports [1]	727	789	740	928	717	984	746	660	701	705	821	917	9,435
Daily average	23	28	24	31	23	33	24	21	23	23	27	30	26
Stocks	7,544	7,910	7,640	7,368	7,656	7,314	7,328	7,226	7,149	7,437	7,620	7,576	7,576
Domestic demand	1,632	1,294	2,180	2,039	1,869	2,042	2,072	2,092	2,023	1,777	1,721	1,827	22,568
Daily average	53	46	70	68	60	68	67	67	67	57	57	59	62
1927													
Production	2,570	2,345	2,754	2,615	2,625	2,571	2,672	2,752	2,782	2,757	2,477	2,801	31,721
Daily average	83	84	89	87	85	86	86	89	93	89	83	90	87
Imports [1]	1		1	1	1	1		1		1		1	8
Exports [1]	864	618	895	764	863	758	977	754	861	840	798	784	9,776
Daily average	28	22	29	25	28	25	32	24	29	27	27	25	27
Stocks	7,887	8,361	8,035	8,176	8,011	7,628	7,496	7,491	7,447	7,584	7,524	7,860	7,860
Domestic demand	1,396	1,253	2,186	1,711	1,928	2,197	1,827	2,004	1,965	1,781	1,739	1,682	21,669
Daily average	45	45	71	57	62	73	59	65	65	57	58	54	59

[1] From Bureau of Foreign and Domestic Commerce; exports include shipments to Alaska, Hawaii, and Porto Rico.
[2] Domestic demand not available for this commodity.
[3] East of California.

Comparative analyses of the major refined products, by months, 1926 and 1927—Continued

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
WAX (THOUSANDS OF POUNDS)													
1926													
Production	53,015	50,307	55,714	55,371	56,135	50,673	54,267	54,441	49,228	56,011	54,678	55,975	645,815
Daily average	1,710	1,797	1,797	1,846	1,811	1,689	1,751	1,756	1,641	1,807	1,823	1,806	1,769
Imports [1]	631	668	456	647	213	812	2,089	968	252	1,384	674	1,189	9,983
Daily average	20	24	15	22	7	27	67	31	8	45	22	38	27
Exports [1]	29,061	28,709	25,005	31,560	23,968	27,299	30,768	27,370	29,303	28,744	25,387	28,410	335,584
Daily average	937	1,025	807	1,052	773	910	993	883	977	927	846	916	919
Stocks	122,773	123,964	130,341	136,084	149,396	155,254	156,704	165,065	159,779	167,925	177,054	185,331	185,331
Domestic demand	18,203	21,075	24,788	18,715	19,068	18,328	24,138	19,678	25,463	20,505	20,836	20,477	251,274
Daily average	587	753	800	624	615	611	779	635	849	661	695	661	688
1929													
Production	54,114	47,363	53,644	48,917	46,267	44,938	47,979	41,576	47,888	49,476	48,146	54,039	584,347
Daily average	1,746	1,692	1,730	1,631	1,492	1,498	1,548	1,341	1,596	1,596	1,605	1,743	1,601
Imports [1]	460	2,048	910	1,505	729	400	2,789	2,656	3,040	887	3,132	1,906	20,462
Daily average	15	73	29	50	24	13	90	86	101	29	104	61	56
Exports [1]	29,284	23,859	28,209	25,421	25,228	24,263	25,970	34,262	32,350	28,342	32,566	30,669	340,423
Daily average	945	852	910	847	814	809	838	1,105	1,078	914	1,086	989	933
Stocks	192,835	198,452	201,340	211,019	207,329	198,808	191,501	180,645	170,172	170,367	171,700	167,214	167,214
Domestic demand	17,786	19,935	23,457	15,322	25,458	29,596	32,105	20,826	29,051	21,826	17,379	29,762	282,503
Daily average	574	712	757	511	821	987	1,036	672	968	704	579	960	774

[1] From Bureau of Foreign and Domestic Commerce; exports include shipments to Alaska, Hawaii, and Porto Rico.

COMPARATIVE ACTIVITY IN THE REFINING INDUSTRY, 1926 AND 1927

Comparative activity in the refining industry, 1926 and 1927

	January	February	March	April	May	June	July	August	September	October	November	December	Average for year
1926													
Number of refineries reporting	317	318	323	326	332	331	329	333	332	333	332	327	328
Total rated capacity per day (thousands of barrels)	2,560	2,557	2,577	2,590	2,629	2,683	2,688	2,721	2,714	2,772	2,815	2,818	2,678
Daily average runs to stills of domestic and foreign crude petroleum (thousands of barrels)	1,979	2,021	2,032	2,060	2,117	2,170	2,181	2,189	2,223	2,232	2,265	2,252	2,135
Percentage of runs to capacity	77	79	79	80	81	81	81	80	82	81	80	80	80
1927													
Number of refineries reporting	321	322	329	329	327	328	332	332	329	329	322	318	326
Total rated capacity per day (thousands of barrels)	2,842	2,850	2,886	2,907	2,878	2,884	2,894	2,913	2,897	2,909	2,871	2,869	2,884
Daily average runs to stills of domestic and foreign crude petroleum (thousands of barrels)	2,243	2,249	2,215	2,216	2,248	2,252	2,303	2,289	2,284	2,315	2,333	2,299	2,271
Percentage of runs to capacity	79	79	77	76	78	78	80	79	79	80	81	80	79

BALANCE SHEET OF INPUT AND OUTPUT, 1926 AND 1927

Balance sheet of input and output, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
INPUT													
Crude runs to stills	61,103	56,347	62,743	61,531	65,354	64,810	67,335	67,589	66,420	68,907	67,641	69,484	779,264
Unfinished oils rerun (net) [1]	609	717	1,078	1,442	1,199	202	747	817	979	872	748	1,658	11,068
Natural gasoline	2,225	2,124	2,502	2,358	2,244	2,132	2,144	2,262	2,108	2,458	2,515	2,624	27,696
Total	63,937	59,188	66,323	65,331	68,797	67,144	70,226	70,668	69,507	72,237	70,904	73,766	818,028
OUTPUT													
Gasoline	23,208	21,259	23,868	24,296	25,271	24,946	25,504	25,942	25,360	26,337	26,245	27,498	299,734
Kerosene	5,122	4,746	5,516	5,037	5,210	5,009	4,877	5,162	5,207	5,126	5,357	5,399	61,768
Gas oil and fuel oil	28,981	27,094	29,824	29,029	30,380	29,130	31,461	31,154	30,698	32,444	31,624	33,376	365,195
Lubricants	2,648	2,448	2,646	2,692	2,863	2,681	2,831	2,648	2,645	2,768	2,724	2,699	32,293
Wax [2]	187	175	201	198	202	184	195	194	176	201	196	201	2,310
Coke [2]	397	359	421	409	446	444	445	458	501	469	485	482	5,316
Asphalt [2]	905	853	1,168	1,107	1,371	1,663	1,690	1,767	1,674	1,724	1,353	1,179	16,454
Other finished products	493	481	611	572	779	783	800	734	749	728	656	644	8,030
Losses	1,996	1,773	2,068	1,991	2,275	2,304	2,423	2,609	2,497	2,440	2,264	2,288	26,928
Total	63,937	59,188	66,323	65,331	68,797	67,144	70,226	70,668	69,507	72,237	70,904	73,766	818,028
1927													
INPUT													
Crude runs to stills	69,528	62,961	68,672	66,493	69,700	67,567	71,405	70,957	68,532	71,761	69,988	71,271	828,835
Unfinished oils rerun (net) [1]	1,142	802	1,205	1,326	658	868	452	1,596	1,859	1,320	945	706	12,879
Natural gasoline	2,595	2,475	2,694	2,603	2,702	2,315	2,642	2,527	2,676	2,934	2,965	3,034	32,162
Total	73,265	66,238	72,571	70,422	73,060	70,750	74,499	75,080	73,067	76,015	73,898	75,011	873,876

OUTPUT													
Gasoline	27,899	25,011	27,849	26,565	26,780	26,471	28,040	28,008	27,708	28,879	28,606	28,619	330,435
Kerosene	5,113	4,453	4,802	4,608	4,663	4,308	4,484	4,420	4,686	4,883	4,824	4,869	56,113
Gas oil and fuel oil	33,073	30,213	32,347	31,740	33,449	31,709	33,554	33,975	32,295	33,901	32,946	33,864	393,066
Lubricants	2,570	2,345	2,754	2,615	2,625	2,571	2,672	2,752	2,782	2,757	2,477	2,801	31,721
Wax [2]	194	168	192	176	164	158	173	151	171	177	172	193	2,089
Coke [2]	484	458	510	458	453	485	459	477	489	516	519	550	5,858
Asphalt [2]	1,055	954	1,225	1,465	1,729	1,887	1,859	1,875	1,851	1,837	1,602	1,454	18,793
Other finished products	511	546	525	561	599	677	747	743	634	663	606	593	7,405
Losses	2,366	2,090	2,367	2,234	2,598	2,484	2,511	2,679	2,451	2,402	2,146	2,068	28,396
Total	73,265	66,238	72,571	70,422	73,060	70,750	74,499	75,080	73,067	76,015	73,898	75,011	873,876

[1] Excess of gross unfinished oils rerun over gross unfinished oils produced.

[2] Expressed in barrels equivalent.

CONVERSION FACTORS FOR WAX, COKE, AND ASPHALT, 1926 AND 1927

Conversion factors for wax, coke, and asphalt, 1926 and 1927

[Expressed in pounds per barrel for wax and in barrels per short ton for coke and asphalt]

	January	February	March	April	May	June	July	August	September	October	November	December	Average for year
1926													
Wax	283.5	287.5	277.2	279.6	277.9	275.4	278.3	280.6	279.7	278.7	279.0	278.5	279.6
Coke	5.39	5.60	5.22	5.38	5.58	5.46	5.34	5.14	5.27	5.33	5.30	5.21	5.34
Asphalt	5.57	5.59	5.55	5.57	5.52	5.52	6.01	5.77	5.43	5.33	6.26	5.52	5.63
1927													
Wax	278.9	281.9	279.4	277.9	282.1	284.4	277.3	275.3	280.0	279.5	279.9	280.0	279.7
Coke	5.21	5.20	5.19	5.18	5.15	5.09	5.08	5.03	5.02	5.08	5.07	5.10	5.12
Asphalt	5.52	5.52	5.51	5.35	5.42	5.45	5.55	5.52	5.56	5.52	5.52	5.54	5.50

	East coast	Appalachian	Indiana, Illinois, etc.	Oklahoma, Kansas, etc.	Texas	Louisiana and Arkansas	Rocky Mountain	California	United States	Texas Gulf coast	Louisiana Gulf coast	Mid-Continent
1926												
Wax	274.2	288.6	279.0	279.7	299.9	276.4	271.2	----------	279.6	297.0	276.4	283.9
Coke	4.84	6.40	5.77	5.82	4.29	4.89	6.46	----------	5.34	4.13	4.74	5.74
Asphalt	5.63	----------	5.42	5.56	5.77	5.69	5.52	5.58	5.63	5.77	5.69	5.61
1927												
Wax	274.3	283.4	280.4	282.0	302.7	271.7	274.3	----------	279.7	296.6	271.7	290.4
Coke	4.65	6.09	5.36	5.49	4.33	4.88	6.46	----------	5.12	4.28	4.77	5.42
Asphalt	5.46	5.60	5.42	5.43	5.70	5.48	5.45	5.61	5.50	5.70	5.46	5.89

RUNS TO STILLS, DOMESTIC AND FOREIGN CRUDE AND OTHER OILS, 1926 AND 1927

Runs to stills, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
DOMESTIC AND FOREIGN CRUDE PETROLEUM													
1926													
East coast	9,309	8,823	10,494	9,953	10,467	10,415	11,581	11,168	10,931	12,093	12,872	12,537	130,643
Appalachian	2,135	2,146	2,300	2,263	2,383	2,391	2,470	2,554	2,457	2,550	2,432	2,421	28,502
Indiana, Illinois, etc	5,518	5,183	5,556	5,613	6,194	5,956	6,032	6,016	5,861	5,957	5,911	5,910	69,707
Oklahoma, Kansas, etc	7,741	6,924	7,310	7,536	8,692	8,333	8,505	8,621	8,530	8,123	8,034	8,157	96,506
Texas	12,223	11,201	12,433	12,556	12,403	13,016	13,309	13,386	12,972	14,370	13,513	14,728	156,110
Louisiana and Arkansas	5,811	5,364	6,049	5,911	5,847	5,953	5,961	5,925	5,853	6,102	5,935	6,301	71,012
Rocky Mountain	2,170	2,123	2,341	2,304	2,434	2,490	2,542	2,532	2,506	2,654	2,546	2,563	29,205
California	16,196	14,583	16,260	15,395	16,934	16,256	16,935	17,387	17,310	17,058	16,398	16,867	197,579
Total	61,103	56,347	62,743	61,531	65,354	64,810	67,335	67,589	66,420	68,907	67,641	69,484	779,264
Texas Gulf coast	9,471	8,592	9,543	9,672	9,377	9,975	10,156	10,195	9,890	11,113	10,473	11,470	119,927
Louisiana Gulf coast	4,377	3,951	4,507	4,285	4,237	4,527	4,335	4,236	4,097	4,360	4,106	4,487	51,505
1927													
East coast	11,548	10,203	12,191	11,448	12,071	12,115	12,518	13,382	12,849	13,905	13,883	14,446	150,559
Appalachian	2,367	2,278	2,406	2,358	2,401	2,407	2,384	2,477	2,449	2,650	2,365	2,399	28,941
Indiana, Illinois, etc	5,931	5,096	5,905	5,571	6,521	6,629	7,068	6,656	6,133	6,504	6,716	7,077	75,807
Oklahoma, Kansas, etc	7,973	7,655	8,062	8,033	8,398	8,467	9,227	9,251	9,133	8,856	8,342	8,484	101,871
Texas	14,632	12,933	13,990	13,382	14,287	13,622	14,181	13,608	13,032	14,686	14,346	14,396	167,095
Louisiana and Arkansas	6,677	5,941	6,516	6,186	5,955	5,491	5,606	5,675	5,738	5,762	5,313	5,584	70,444
Rocky Mountain	2,469	2,278	2,441	2,336	1,903	1,998	2,139	1,907	1,638	1,866	2,030	2,021	25,026
California	17,931	16,577	17,161	17,179	18,164	16,848	18,282	18,001	17,560	17,532	16,993	16,864	209,092
Total	69,528	62,961	68,672	66,493	69,700	67,567	71,405	70,957	68,532	71,761	69,988	71,271	828,835
Texas Gulf coast	11,580	10,059	10,910	10,439	11,261	10,439	10,910	10,538	10,070	11,541	11,048	11,208	130,003
Louisiana Gulf coast	4,878	4,223	4,748	4,487	4,176	3,781	3,953	3,971	4,108	4,245	3,840	4,003	50,413

Runs to stills, 1926 and 1927—Continued

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
DOMESTIC CRUDE PETROLEUM													
1926													
East coast	7,361	6,963	7,830	7,666	8,081	8,302	9,332	8,505	8,035	9,437	10,300	9,535	101,347
Appalachian	2,135	2,146	2,300	2,263	2,383	2,391	2,470	2,554	2,457	2,550	2,432	2,421	28,502
Indiana, Illinois, etc	5,518	5,183	5,556	5,613	6,194	5,956	6,032	6,016	5,861	5,957	5,911	5,910	69,707
Oklahoma, Kansas, etc	7,741	6,924	7,310	7,536	8,692	8,333	8,505	8,621	8,530	8,123	8,034	8,157	96,506
Texas	11,782	10,742	11,920	12,096	12,184	12,750	13,004	13,138	12,755	14,199	13,275	14,581	152,426
Louisiana and Arkansas	5,500	4,460	5,116	4,870	4,688	4,718	4,745	4,678	4,730	5,243	4,968	5,313	59,029
Rocky Mountain	2,170	2,123	2,341	2,304	2,434	2,490	2,542	2,532	2,506	2,654	2,546	2,563	29,205
California	16,196	14,583	16,260	15,395	16,934	16,256	16,935	17,387	17,310	17,058	16,398	16,867	197,579
Total	58,403	53,124	58,633	57,743	61,590	61,196	63,565	63,431	62,184	65,221	63,864	65,347	734,301
Texas Gulf coast	9,030	8,133	9,030	9,212	9,158	9,709	9,851	9,947	9,673	10,942	10,235	11,323	116,243
Louisiana Gulf coast	4,066	3,047	3,574	3,244	3,078	3,292	3,119	2,989	2,974	3,501	3,139	3,499	39,522
1927													
East coast	9,049	7,877	9,223	8,625	9,295	9,095	9,296	9,494	9,032	9,235	9,127	9,164	108,512
Appalachian	2,367	2,278	2,406	2,358	2,401	2,407	2,384	2,477	2,449	2,650	2,365	2,399	28,941
Indiana, Illinois, etc	5,931	5,096	5,905	5,571	6,521	6,629	7,068	6,656	6,133	6,504	6,716	7,077	75,807
Oklahoma, Kansas, etc	7,973	7,655	8,062	8,033	8,398	8,457	9,227	9,251	9,133	8,856	8,342	8,484	101,871
Texas	14,512	12,875	13,905	13,282	14,178	13,526	14,130	13,584	13,009	14,643	14,325	14,312	166,281
Louisiana and Arkansas	5,645	5,176	5,782	5,720	5,406	4,969	5,044	5,084	5,189	5,237	4,857	5,090	63,199
Rocky Mountain	2,469	2,278	2,441	2,336	1,903	1,998	2,139	1,907	1,638	1,866	2,030	2,021	25,026
California	17,931	16,577	17,161	17,179	18,164	16,848	18,282	18,001	17,560	17,532	16,993	16,864	209,092
Total	65,877	59,812	64,885	63,104	66,266	63,929	67,570	66,454	64,143	66,523	64,755	65,411	778,729
Texas Gulf coast	11,460	10,001	10,825	10,339	11,152	10,343	10,859	10,514	10,047	11,498	11,027	11,124	129,189
Louisiana Gulf coast	3,846	3,458	4,014	4,021	3,627	3,259	3,391	3,380	3,559	3,720	3,384	3,509	43,168
FOREIGN CRUDE PETROLEUM													
1926													
East coast	1,948	1,860	2,664	2,287	2,386	2,113	2,249	2,663	2,896	2,656	2,572	3,002	29,296
Texas Gulf coast	441	459	513	460	219	266	305	248	217	171	238	147	3,684
Louisiana Gulf coast	311	904	933	1,041	1,159	1,235	1,216	1,247	1,123	859	967	988	11,983
Total	2,700	3,223	4,110	3,788	3,764	3,614	3,770	4,158	4,236	3,686	3,777	4,137	44,963

1927													
East coast	2,499	2,326	2,968	2,823	2,776	3,020	3,222	3,888	3,817	4,670	4,756	5,282	42,047
Texas Gulf coast	120	58	85	100	109	96	51	24	23	43	21	84	814
Louisiana Gulf coast	1,032	765	734	466	549	522	562	591	549	525	456	494	7,245
Total	3,651	3,149	3,787	3,389	3,434	3,638	3,835	4,503	4,389	5,238	5,233	5,860	50,106
UNFINISHED OILS RERUN (NET)													
1926													
East coast	589	971	874	901	936	718	1,151	789	945	1,038	721	862	10,495
Appalachian	95	78	48	79	136	112	23	103	90	118	79	71	1,032
Indiana, Illinois, etc	22	49	123	347	227	281	402	283	413	411	326	370	3,254
Oklahoma, Kansas, etc	64	8	236	82	58	134	97	91	69	88	132	288	1,347
Texas	259	296	37	208	74							362	
Rocky Mountain						3		13	7	57			
California	193		374	372	94							194	503
Total	609	717	1,078	1,442	1,199	202	747	817	979	872	748	1,658	11,068
Texas Gulf coast	424	463	271	423	389		118		211		145	642	2,638
1927													
East coast	903	1,047	1,107	633	563	596	880	898	528	601	433	631	8,820
Appalachian	66	1	25	46	12	65		96	70	53	53	96	574
Indiana, Illinois, etc	236	165	411	270	175	135	286	394	420	381	399	380	3,652
Oklahoma, Kansas, etc	217	98	147	54	151	3	72	139	213	242	156	110	1,602
Texas	512	166	97	542	248	245		454	401	48	285		2,788
Rocky Mountain									71	109	59	72	
California	24	156	234	252	61	230		166	356	291		13	1,491
Total	1,142	802	1,205	1,326	658	868	452	1,596	1,859	1,320	945	706	12,879
Texas Gulf coast	791	323	295	673	367	325	126	556	566	205	377		4,536

NATURAL GASOLINE USED AT REFINERIES, 1926 AND 1927

Natural gasoline used at refineries, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	486	431	591	473	258	204	198	222	185	157	296	269	3,770
Appalachian	84	64	85	69	58	55	56	56	54	70	86	93	830
Indiana, Illinois, etc	117	128	141	123	117	120	110	119	128	111	160	143	1,517
Oklahoma, Kansas, etc	250	239	278	267	310	280	405	368	311	329	346	318	3,701
Texas	413	424	378	380	387	408	361	354	366	470	418	565	4,924
Louisiana and Arkansas	185	249	283	327	367	356	371	381	371	387	375	359	4,011
Rocky Mountain	52	56	79	79	83	87	77	99	98	97	83	67	957
California [2]	389	305	410	385	385	340	277	392	330	546	456	474	4,689
Do. [3]	249	228	257	255	279	282	289	271	265	291	295	336	3,297
Total	2,225	2,124	2,502	2,358	2,244	2,132	2,144	2,262	2,108	2,458	2,515	2,624	27,696
Texas Gulf coast	363	357	326	321	320	322	269	288	302	396	356	501	4,121
Louisiana Gulf coast	133	198	224	261	310	302	305	305	297	315	308	280	3,238
1927													
East coast	331	377	290	202	141	125	127	121	129	198	160	267	2,468
Appalachian	88	77	75	60	46	45	50	55	53	59	63	66	737
Indiana, Illinois, etc	133	121	131	162	152	158	175	157	133	185	184	225	1,916
Oklahoma, Kansas, etc	319	309	358	313	350	363	366	368	381	397	369	356	4,249
Texas	493	413	482	453	589	354	485	532	636	589	557	546	6,129
Louisiana and Arkansas	396	353	411	422	442	387	443	454	398	439	419	415	4,979
Rocky Mountain	73	73	88	93	93	92	91	112	121	109	114	89	1,148
California [2]	417	437	518	558	499	466	629	523	622	749	894	854	7,166
Do. [3]	345	315	341	340	390	325	276	205	203	209	205	216	3,370
Total	2,595	2,475	2,694	2,603	2,702	2,315	2,642	2,527	2,676	2,934	2,965	3,034	32,162
Texas Gulf coast	434	357	408	384	519	286	391	431	551	502	482	461	5,206
Louisiana Gulf coast	314	286	338	348	360	316	363	370	320	360	337	332	4,044

[1] Includes amounts blended and run to stills at refineries east of California and amounts blended and run through pipe lines in California, as noted in footnotes 2 and 3.
[2] Blended at refineries.
[3] Turned into pipe lines and run to stills.

PRODUCTION OF THE VARIOUS REFINED PRODUCTS, 1926 AND 1927

Production of gasoline, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	3,625	3,169	3,800	3,664	3,760	3,749	4,040	3,763	3,701	4,065	4,292	4,514	46,142
Appalachian	949	954	1,026	980	1,050	975	1,001	1,078	1,045	1,081	1,051	1,041	12,231
Indiana, Illinois, etc	3,002	2,908	3,099	3,275	3,458	3,411	3,587	3,479	3,472	3,503	3,536	3,451	40,181
Oklahoma, Kansas, etc	3,995	3,566	3,883	4,027	4,488	4,282	4,469	4,661	4,538	4,327	4,350	4,385	50,971
Texas	4,978	4,517	4,872	5,149	4,901	5,306	5,169	5,328	5,300	5,579	5,427	6,033	62,559
Louisiana and Arkansas	1,516	1,595	1,694	1,733	1,765	1,837	1,876	1,884	1,752	1,880	1,822	1,885	21,239
Rocky Mountain	1,174	1,185	1,357	1,373	1,462	1,417	1,348	1,461	1,408	1,473	1,345	1,347	16,350
California	3,969	3,365	4,137	4,095	4,387	3,969	4,014	4,288	4,144	4,429	4,422	4,842	50,061
Total	23,208	21,259	23,868	24,296	25,271	24,946	25,504	25,942	25,360	26,337	26,245	27,498	299,734
Texas Gulf coast	3,916	3,484	3,730	4,045	3,728	4,114	3,973	4,128	4,118	4,352	4,336	4,824	48,748
Louisiana Gulf coast	1,211	1,302	1,369	1,376	1,427	1,527	1,527	1,496	1,348	1,492	1,422	1,480	16,977
1927													
East coast	4,306	4,013	4,536	3,961	3,900	3,802	3,915	4,021	3,884	4,292	4,249	4,368	49,247
Appalachian	1,053	994	1,054	1,026	1,009	999	997	1,082	1,065	1,110	1,075	1,117	12,581
Indiana, Illinois, etc	3,404	2,841	3,490	3,193	3,620	3,716	4,009	3,801	3,569	3,820	4,051	4,168	43,682
Oklahoma, Kansas, etc	4,371	4,170	4,470	4,221	4,388	4,492	4,913	5,052	5,036	4,937	4,575	4,590	55,215
Texas	6,331	5,330	5,999	5,881	5,954	5,757	5,932	6,019	5,878	6,064	6,233	5,898	71,276
Louisiana and Arkansas	2,089	1,801	2,039	1,863	1,901	1,844	2,090	2,110	2,091	2,201	1,994	1,983	24,006
Rocky Mountain	1,432	1,293	1,433	1,402	1,013	1,183	1,196	949	907	1,104	1,209	1,192	14,313
California	4,913	4,569	4,828	5,018	4,995	4,678	4,988	4,974	5,278	5,351	5,220	5,303	60,115
Total	27,899	25,011	27,849	26,565	26,780	26,471	28,040	28,008	27,708	28,879	28,606	28,619	330,435
Texas Gulf coast	5,217	4,196	4,763	4,700	4,769	4,429	4,633	4,726	4,645	4,789	4,917	4,628	56,412
Louisiana Gulf coast	1,677	1,409	1,643	1,484	1,502	1,451	1,658	1,645	1,638	1,740	1,599	1,560	19,006

Production of kerosene, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	1,134	1,003	1,100	1,050	906	911	878	986	1,091	995	1,203	1,074	12,331
Appalachian	315	318	337	338	376	359	333	355	356	401	369	354	4,211
Indiana, Illinois, etc	399	369	389	341	461	402	392	403	445	484	428	424	4,937
Oklahoma, Kansas, etc	762	605	706	718	925	717	669	712	729	730	779	849	8,901
Texas	1,213	1,295	1,551	1,249	1,285	1,246	1,373	1,328	1,319	1,221	1,295	1,431	15,806
Louisiana and Arkansas	538	517	631	651	575	542	454	628	537	514	512	574	6,673
Rocky Mountain	161	116	134	175	194	251	172	218	192	202	206	87	2,108
California	600	523	668	515	488	581	606	532	538	579	565	606	6,801
Total	5,122	4,746	5,516	5,037	5,210	5,009	4,877	5,162	5,207	5,126	5,357	5,399	61,768
Texas Gulf coast	1,014	1,089	1,333	1,043	1,037	1,019	1,152	1,095	1,066	961	1,073	1,190	13,072
Louisiana Gulf coast	492	473	581	605	524	487	401	579	492	464	469	530	6,097
1927													
East coast	861	742	906	870	832	793	866	847	984	915	937	860	10,413
Appalachian	324	303	340	342	342	347	316	312	302	322	291	295	3,836
Indiana, Illinois, etc	389	362	402	387	456	464	530	430	435	443	454	508	5,260
Oklahoma, Kansas, etc	734	702	747	746	776	708	771	765	788	836	774	776	9,123
Texas	1,434	1,112	1,195	936	1,139	920	1,025	1,056	1,226	1,329	1,233	1,287	13,892
Louisiana and Arkansas	615	504	537	577	552	483	436	431	457	448	521	568	6,129
Rocky Mountain	181	123	135	209	132	159	169	139	125	161	178	153	1,864
California	575	605	540	541	434	434	371	440	369	429	436	422	5,596
Total	5,113	4,453	4,802	4,608	4,663	4,308	4,484	4,420	4,686	4,883	4,824	4,869	56,113
Texas Gulf coast	1,216	893	983	758	925	749	843	857	1,035	1,101	1,065	1,060	11,425
Louisiana Gulf coast	569	457	487	523	482	415	376	374	403	400	461	505	5,452

Production of gas oil and fuel oil, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	3,832	4,471	5,086	4,656	4,758	4,291	5,324	4,875	4,848	5,741	6,131	5,959	59,972
Appalachian	497	452	483	515	520	584	609	653	573	671	602	617	6,776
Indiana, Illinois, etc	1,348	1,318	1,489	1,652	1,713	1,636	1,746	1,675	1,658	1,678	1,648	1,783	19,344
Oklahoma, Kansas, etc	2,727	2,446	2,599	2,476	2,928	2,982	3,082	2,897	2,815	2,729	2,614	2,758	33,053
Texas	5,291	4,802	4,994	5,418	5,100	4,984	5,408	5,313	5,114	5,944	5,676	6,729	64,773
Louisiana and Arkansas	3,022	2,510	2,840	2,672	2,829	2,609	2,819	2,910	2,956	3,061	2,923	3,242	34,393
Rocky Mountain	558	610	721	660	627	657	659	671	679	877	777	664	8,160
California	11,706	10,485	11,612	10,980	11,905	11,387	11,814	12,160	12,055	11,743	11,253	11,624	138,724
Total	28,981	27,094	29,824	29,029	30,380	29,130	31,461	31,154	30,698	32,444	31,624	33,376	365,195
Texas Gulf coast	4,036	3,665	3,767	4,127	3,853	3,675	4,035	3,954	3,828	4,543	4,309	5,282	49,074
Louisiana Gulf coast	1,969	1,519	1,720	1,510	1,638	1,558	1,566	1,469	1,465	1,718	1,571	1,816	19,519
1927													
East coast	5,753	5,084	5,897	5,152	5,563	5,745	6,232	6,933	6,013	6,878	7,257	7,951	74,458
Appalachian	616	528	553	571	543	589	553	609	614	700	548	573	6,997
Indiana, Illinois, etc	1,655	1,438	1,697	1,653	1,896	1,830	1,953	2,052	1,830	1,926	1,857	2,063	21,850
Oklahoma, Kansas, etc	2,644	2,441	2,547	2,700	2,863	2,762	3,165	3,064	3,069	2,904	2,733	2,761	33,653
Texas	6,284	5,787	5,853	6,028	6,438	5,907	6,020	5,840	5,362	6,394	6,235	6,156	72,304
Louisiana and Arkansas	2,915	2,845	3,090	3,100	2,737	2,419	2,373	2,387	2,618	2,491	2,250	2,323	31,548
Rocky Mountain	690	538	625	596	610	592	590	618	579	625	644	641	7,348
California	12,516	11,552	12,085	11,940	12,799	11,865	12,668	12,472	12,210	11,983	11,422	11,396	144,908
Total	33,073	30,213	32,347	31,740	33,449	31,709	33,554	33,975	32,295	33,901	32,946	33,864	393,066
Texas Gulf coast	4,935	4,512	4,496	4,653	5,008	4,413	4,524	4,440	4,061	4,978	4,650	4,607	55,277
Louisiana Gulf coast	1,753	1,657	1,877	1,883	1,542	1,264	1,260	1,250	1,511	1,442	1,205	1,239	17,883

Production of lubricants, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	746	708	805	789	787	809	916	775	761	794	867	810	9,567
Appalachian	366	387	394	398	427	436	407	408	405	401	384	386	4,799
Indiana, Illinois, etc	320	263	270	263	300	258	261	264	265	282	266	256	3,268
Oklahoma, Kansas, etc	202	193	227	224	239	200	209	199	207	201	192	187	2,480
Texas	677	598	634	669	734	604	717	617	686	704	689	714	8,043
Louisiana and Arkansas	51	68	28	71	102	99	43	99	48	79	66	78	832
Rocky Mountain	49	51	63	60	56	52	59	53	47	48	51	51	640
California	237	180	225	218	218	223	219	233	226	259	209	217	2,664
Total	2,648	2,448	2,646	2,692	2,863	2,681	2,831	2,648	2,645	2,768	2,724	2,699	32,293
Texas Gulf coast	639	582	613	652	711	577	694	597	358	668	652	681	7,724
Louisiana Gulf coast	51	68	27	70	101	97	42	94	47	75	64	75	811
1927													
East coast	774	723	955	838	802	770	832	902	985	945	668	950	10,144
Appalachian	342	344	364	336	359	366	358	399	382	418	377	365	4,410
Indiana, Illinois, etc	245	223	251	236	263	254	316	305	269	290	314	343	3,309
Oklahoma, Kansas, etc	187	176	177	198	253	205	196	198	191	197	203	184	2,365
Texas	735	635	713	670	613	676	668	639	612	636	603	649	7,849
Louisiana and Arkansas	89	47	57	88	49	57	55	47	99	36	48	69	741
Rocky Mountain	46	40	52	53	56	48	50	52	45	50	45	53	590
California	152	157	185	196	230	195	197	210	199	185	219	188	2,313
Total	2,570	2,345	2,754	2,615	2,625	2,571	2,672	2,752	2,782	2,757	2,477	2,801	31,721
Texas Gulf coast	708	607	684	646	586	641	633	599	581	603	568	614	7,470
Louisiana Gulf coast	88	47	57	87	49	57	55	46	99	36	48	68	737

Production of wax, 1926 and 1927

[Thousands of pounds and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast.....1,000 pounds	21,653	18,633	20,509	22,284	22,280	19,371	22,458	19,306	17,713	23,203	21,763	20,647	249,820
Appalachian.....do	8,266	8,510	7,894	8,343	8,868	8,387	8,461	7,881	7,608	8,086	7,543	7,694	97,541
Indiana, Illinois, etc.....do	6,152	5,603	6,197	6,580	6,590	6,444	6,661	6,948	6,943	6,855	7,134	6,842	78,949
Oklahoma, Kansas, etc.....do	3,137	3,258	4,793	4,453	4,314	3,653	3,843	4,785	5,186	4,546	3,435	4,671	50,074
Texas.....do	4,871	4,833	4,595	4,616	4,856	4,305	4,853	4,761	5,175	6,179	5,654	6,790	61,488
Louisiana and Arkansas.....do	4,510	5,844	7,292	6,066	5,502	5,078	4,985	4,303	4,277	4,708	5,545	5,473	63,583
Rocky Mountain.....do	4,426	3,626	4,434	3,029	3,725	3,307	3,006	6,457	2,326	2,434	3,604	3,833	44,207
California.....do						128						25	153
Total.....do	53,015	50,307	55,714	55,371	56,135	50,673	54,267	54,441	49,228	56,011	54,678	55,975	645,815
Texas Gulf coast.....do	4,553	4,654	4,359	4,046	4,628	4,013	4,670	4,432	4,948	5,774	5,297	6,539	57,913
Louisiana Gulf coast.....do	4,510	5,844	7,292	6,066	5,502	5,078	4,985	4,303	4,277	4,708	5,545	5,473	63,583
East coast.....1,000 barrels	79	68	75	82	81	70	82	70	65	85	79	75	911
Appalachian.....do	27	25	28	29	32	30	30	28	27	28	27	27	338
Indiana, Illinois, etc.....do	22	20	22	24	24	23	24	24	25	25	26	24	283
Oklahoma, Kansas, etc.....do	11	12	17	16	15	14	14	17	18	16	12	17	179
Texas.....do	16	16	16	14	16	15	16	16	17	21	19	23	205
Louisiana and Arkansas.....do	16	21	27	22	20	19	18	15	15	17	20	20	230
Rocky Mountain.....do	16	13	16	11	14	12	11	24	9	9	13	15	163
California.....do						1							1
Total.....do	187	175	201	198	202	184	195	194	176	201	196	201	2,310
Texas Gulf coast.....do	16	16	15	14	15	15	16	15	16	18	18	21	195
Louisiana Gulf coast.....do	16	21	27	22	20	19	18	15	15	17	20	20	230

Production of wax, 1926 and 1927—Continued

[Thousands of pounds and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1927													
East coast 1,000 pounds	22,268	19,005	22,951	17,846	15,620	15,678	20,187	16,165	18,364	19,487	18,086	20,382	226,039
Appalachian do	7,272	7,048	7,593	7,482	7,474	6,852	6,011	6,034	6,708	8,254	7,997	9,131	87,856
Indiana, Illinois, etc do	6,239	5,249	5,799	5,674	5,981	6,665	6,076	4,982	4,973	4,873	5,291	5,504	67,306
Oklahoma, Kansas, etc do	4,054	3,599	4,067	4,328	4,183	4,197	3,667	3,618	3,577	3,896	3,969	3,944	47,099
Texas do	5,731	5,023	5,362	5,594	5,838	4,945	4,721	5,661	6,452	6,367	5,664	4,937	66,295
Louisiana and Arkansas do	5,238	4,672	4,414	4,316	4,521	3,318	3,589	3,751	3,925	3,641	4,009	5,950	51,344
Rocky Mountain do	3,312	2,767	3,458	3,677	2,650	3,283	3,728	1,365	3,889	2,958	3,130	4,191	38,408
Total do	54,114	47,363	53,644	48,917	46,267	44,938	47,979	41,576	47,888	49,476	48,146	54,039	584,347
Texas Gulf coast do	5,312	4,731	5,048	5,433	5,627	4,713	4,395	5,233	5,949	6,055	5,391	4,691	62,578
Louisiana Gulf coast do	5,238	4,672	4,414	4,316	4,521	3,318	3,589	3,751	3,925	3,641	4,009	5,950	51,344
East coast 1,000 barrels	81	69	84	65	57	57	74	59	67	71	66	74	824
Appalachian do	26	25	26	27	27	23	21	22	24	29	28	32	310
Indiana, Illinois, etc do	22	18	21	20	21	23	22	18	18	18	19	20	240
Oklahoma, Kansas, etc do	15	13	14	15	14	15	13	13	13	14	14	14	167
Texas do	19	16	17	19	19	16	16	20	21	21	19	16	219
Louisiana and Arkansas do	19	17	17	16	17	12	13	14	14	13	15	22	189
Rocky Mountain do	12	10	13	14	9	12	14	5	14	11	11	15	140
Total do	194	168	192	176	164	158	173	151	171	177	172	193	2,089
Texas Gulf coast do	17	16	17	18	19	16	15	19	20	20	18	16	211
Louisiana Gulf coast do	19	17	17	16	17	12	13	14	14	13	15	22	189

Production of coke, 1926 and 1927

[Thousands of short tons and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast 1,000 tons	16.3	15.7	15.9	13.5	16.1	14.4	16.2	15.1	15.2	15.1	15.8	11.0	180.3
Appalachian do	1.5	1.5	1.7	1.8	1.8	1.9	1.7	1.8	1.7	1.7	1 6	1.5	20.2
Indiana, Illinois, etc do	16.4	15.9	20.3	21.8	18.6	22.1	21.2	25.6	23.1	22.8	21.9	22.9	252.6
Oklahoma, Kansas, etc do	7.2	6.2	10.3	8.5	10.0	10.3	10.5	13.7	21.0	18.1	17.7	22.7	156.2
Texas do	13.9	7.8	12.3	11.2	11.6	13.6	13.0	13.5	14.1	11.5	16.3	14.4	153.2
Louisiana and Arkansas do	11.1	10.9	12.6	11.4	13.0	10.9	12.0	10.4	11.1	10.3	10.4	11.7	135.8
Rocky Mountain do	7.3	6.1	7.6	7.8	8.9	8.1	8.8	9.0	8.9	8.4	7.8	8.3	97.0
Total do	73.7	64.1	80.7	76.0	80.0	81.3	83.4	89.1	95.1	87.9	91.5	92.5	995.3
Texas Gulf coast do	12.6	6.2	10.3	9.6	9.9	10.3	10.1	11.7	12.3	9.4	11.6	12.1	126.1
Louisiana Gulf coast do	10.5	10.3	12.2	10.7	12.3	10.2	11.3	9.6	9.3	8.6	8.7	9.8	123.5
East coast 1,000 barrels	80	77	71	64	83	70	77	75	73	72	77	53	872
Appalachian do	9	9	11	12	12	12	11	11	11	11	10	10	129
Indiana, Illinois, etc do	104	101	120	126	117	130	123	133	127	128	123	126	1,458
Oklahoma, Kansas, etc do	46	46	55	53	63	66	65	78	116	102	98	121	909
Texas do	57	35	54	49	51	60	55	54	59	48	74	61	657
Louisiana and Arkansas do	54	52	61	55	63	53	58	50	56	53	53	56	664
Rocky Mountain do	47	39	49	50	57	53	56	57	59	55	50	55	627
Total do	397	359	421	409	446	444	445	458	501	469	485	482	5,316
Texas Gulf coast do	52	27	44	41	42	42	42	46	50	38	47	50	521
Louisiana Gulf coast do	50	49	58	51	58	48	54	46	44	41	41	46	586

Production of coke, 1926 and 1927—Continued

[Thousands of short tons and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1927													
East coast 1,000 tons	12.1	14.4	15.0	14.6	13.9	13.4	10.7	10.1	9.3	11.4	11.2	13.3	149.4
Appalachian do	1.6	1.6	1.9	2.1	1.5	1.7	1.8	1.5	1.5	2.0	2.6	3.7	23.5
Indiana, Illinois, etc do	23.2	20.9	21.7	20.0	22.3	25.5	25.7	27.0	26.3	27.1	28.6	28.9	297.2
Oklahoma, Kansas, etc do	18.8	19.8	20.9	17.8	19.3	21.0	16.1	22.2	22.2	21.0	20.9	22.1	242.1
Texas do	15.4	12.8	17.0	16.8	13.2	18.4	19.7	19.9	22.9	21.0	21.7	21.7	220.5
Louisiana and Arkansas do	13.8	11.7	12.6	11.4	13.8	12.0	11.9	11.1	10.3	12.3	11.0	11.9	143.8
Rocky Mountain do	8.0	6.9	9.1	5.7	3.9	3.3	4.5	3.0	5.0	6.8	6.3	6.2	68.7
Total do	92.9	88.1	98.2	88.4	87.9	95.3	90.4	94.8	97.5	101.6	102.3	107.8	1,145.2
Texas Gulf coast do	13.1	10.5	14.5	14.6	11.5	16.0	17.1	17.2	20.4	18.4	18.9	19.0	191.2
Louisiana Gulf coast do	11.3	9.8	11.1	10.9	13.2	10.8	10.7	9.9	9.5	11.5	10.7	11.6	131.0
East coast 1,000 barrels	59	68	69	68	65	63	49	46	43	52	52	61	695
Appalachian do	10	10	11	14	10	10	12	9	10	12	15	20	143
Indiana, Illinois, etc do	127	114	121	109	123	139	139	140	135	141	151	153	1,592
Oklahoma, Kansas, etc do	102	111	117	101	105	114	86	121	119	113	115	124	1,328
Texas do	66	53	70	73	60	79	85	89	99	92	93	95	954
Louisiana and Arkansas do	68	57	63	56	66	59	59	54	50	61	52	57	702
Rocky Mountain do	52	45	59	37	24	21	29	18	33	45	41	40	444
Total do	484	458	510	458	453	485	459	477	489	516	519	550	5,858
Texas Gulf coast do	53	41	59	62	52	69	74	77	88	80	81	83	819
Louisiana Gulf coast do	54	47	54	52	63	51	51	47	45	55	51	55	625

Production of asphalt, 1926 and 1927

[Thousands of short tons and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast 1,000 tons	60.9	53.0	88.1	88.2	93.8	151.3	128.2	159.9	162.7	174.4	99.1	109.1	1,368.7
Indiana, Illinois, etc do	18.0	16.9	16.8	16.6	17.5	16.6	16.4	16.2	16.1	17.5	17.3	16.8	202.7
Oklahoma, Kansas, etc do	.7	.7	.6	.7	.7	.7	.5	.4	.5	.5	.4	.4	6.8
Texas do	16.1	21.2	24.2	14.3	27.0	23.8	26.7	23.4	26.5	17.1	23.9	17.2	261.4
Louisiana and Arkansas do	27.1	30.9	35.4	34.5	55.1	59.2	59.8	56.0	54.6	59.1	32.7	35.0	539.4
Rocky Mountain do	1.7	2.1	1.5	2.2	2.5	4.0	3.4	3.1	6.6	3.4	1.6	1.0	33.1
California do	37.9	27.7	44.0	42.1	51.8	45.7	46.2	47.3	41.5	51.3	41.0	34.2	510.7
Total do	162.4	152.5	210.6	198.6	248.4	301.3	281.2	306.3	308.5	323.3	216.0	213.7	2,922.8
Texas Gulf coast do	16.1	21.2	24.2	14.3	27.0	23.8	26.7	23.4	26.5	17.1	23.9	17.2	261.4
Louisiana Gulf coast do	25.5	29.2	34.1	32.9	53.6	57.8	58.0	53.6	52.3	57.0	30.5	32.8	517.3
East coast 1,000 barrels	340	295	488	488	518	834	845	946	848	874	633	600	7,709
Indiana, Illinois, etc do	97	91	91	90	94	90	89	90	87	95	94	91	1,099
Oklahoma, Kansas, etc do	4	4	3	4	4	4	2	2	2	3	3	3	38
Texas do	88	119	136	81	151	133	149	131	168	122	134	96	1,508
Louisiana and Arkansas do	155	177	203	199	301	324	327	317	299	324	251	191	3,068
Rocky Mountain do	9	12	8	12	14	22	19	17	37	19	8	6	183
California do	212	155	239	233	289	256	259	264	233	287	230	192	2,849
Total do	905	853	1,168	1,107	1,371	1,663	1,690	1,767	1,674	1,724	1,353	1,179	16,454
Texas Gulf coast do	88	119	136	81	151	133	149	131	168	122	134	96	1,508
Louisiana Gulf coast do	147	167	196	190	293	315	317	304	286	311	239	179	2,944

Production of asphalt, 1926 and 1927—Continued

[Thousands of short tons and thousands of barrels, as indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1927													
East coast 1,000 tons	73.3	79.5	107.5	141.0	169.0	192.6	175 7	178.5	174.3	170.3	138.7	116.7	1,717.1
Appalachian do				.4		1.4	.7						2.5
Indiana, Illinois, etc do	23.3	20.5	23.4	18.4	22.3	23.5	27.3	23.4	25.4	29.5	33.4	32.8	303.2
Oklahoma, Kansas, etc do	.8	.8	.7	.7	.7	.7	.4	.4	.4	.4	.5	.5	7.0
Texas do	20.9	12.7	18.3	20.6	18.3	19.6	21.2	22.1	19.4	21.6	26.4	20.2	241.3
Louisiana and Arkansas do	40.5	26.5	35.2	48.7	56.9	57.5	58.9	57.7	58.1	51.2	45.1	48.6	584.9
Rocky Mountain do	.4	.3	1.0	2.2	4.3	4.2	3.8	4.0	2.5	1.3	2.6	.9	27.5
California do	32.0	32.4	36.2	41.8	47.5	46.7	46.7	53.4	53.0	58.3	43.3	42.9	534.2
Total do	191.2	172.7	222.3	273.8	319.0	346.2	334.7	339.5	333.1	332.6	290.0	262.6	3,417.7
Texas Gulf coast do	20.9	12.7	18.3	20.6	18.3	19.6	21.2	22.1	19.4	21.6	26.4	20.2	241.3
Louisiana Gulf coast do	38.4	24.9	33.6	47.1	55.3	56.1	57.7	56.4	56.2	49.8	43.3	46.8	565.6
East coast 1,000 barrels	404	439	593	732	900	1,037	970	985	962	939	767	646	9,374
Appalachian do				2		8	4						14
Indiana, Illinois, etc do	126	111	126	100	120	127	148	126	138	160	181	180	1,643
Oklahoma, Kansas, etc do	5	4	4	4	4	4	2	2	2	2	2	3	38
Texas do	117	71	102	115	103	110	130	124	120	121	148	114	1,375
Louisiana and Arkansas do	222	146	193	266	313	316	322	317	318	281	247	266	3,207
Rocky Mountain do	2	2	5	12	23	23	21	22	14	7	14	5	150
California do	179	181	202	234	266	262	262	299	297	327	243	240	2,992
Total do	1,055	954	1,225	1,465	1,729	1,887	1,859	1,875	1,851	1,837	1,602	1,454	18,793
Texas Gulf coast do	117	71	102	115	103	110	131	124	120	121	148	114	1,376
Louisiana Gulf coast do	210	136	184	257	302	306	314	308	307	272	237	256	3,089

Production of all other finished products, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	68	51	66	109	234	192	175	127	131	140	66	85	1,444
Appalachian	28	31	29	16	22	18	20	15	14	18	31	21	263
Indiana, Illinois, etc	146	102	118	100	158	155	146	122	111	109	122	103	1,492
Oklahoma, Kansas, etc	30	30	36	31	33	66	45	40	38	40	35	39	463
Texas	14	10	9	4	5	3	5	4	33	34	31	11	163
Louisiana and Arkansas	89	126	138	172	158	168	162	189	187	163	167	158	1,877
Rocky Mountain	1	1	1	1	31	39	40	48	47	52	61	107	429
California	117	130	214	139	138	142	207	189	188	172	143	120	1,899
Total	493	481	611	572	779	783	800	734	749	728	656	644	8,030
Texas Gulf coast	2	2	5	1	1	1	2	2	27			1	44
Louisiana Gulf coast	84	121	127	161	147	160	140	173	178	154	159	150	1,754
1927													
East coast	41	34	60	117	130	149	121	151	104	89	81	57	1,134
Appalachian	32	25	25	23	35	31	32	24	27	29	28	30	341
Indiana, Illinois, etc	108	94	108	84	103	97	114	106	116	109	139	119	1,297
Oklahoma, Kansas, etc	49	53	51	49	48	61	78	59	70	58	59	59	694
Texas	11	29	7	12	7	11	11	9	4	3	4	4	112
Louisiana and Arkansas	100	114	108	120	136	140	155	176	135	133	155	173	1,645
Rocky Mountain	61	64	63	13	19	18	16	23	19	21	9	10	336
California	109	133	103	143	121	170	220	195	159	221	131	141	1,846
Total	511	546	525	561	599	677	747	743	634	663	606	593	7,405
Texas Gulf coast	1	1	1	3	2	2	2	2	2		1	1	18
Louisiana Gulf coast	93	105	98	110	125	127	149	159	127	128	151	160	1,532

Production of unfinished oils (net), 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Texas						491	201	349	73	464	97		439
Louisiana and Arkansas	455	448	609	532	285	546	429	48	220	231	344	277	4,424
Rocky Mountain	158	128	5	15	41		174				47	212	700
California		109				9	122	65	252	145	22		
Total													
Texas Gulf coast						232		20		196			
Louisiana Gulf coast	431	371	576	490	275	556	510	289	440	312	355	383	4,988
1927													
Appalachian							9						
Texas							72					138	
Louisiana and Arkansas	788	620	701	413	491	405	391	440	200	405	371	458	5,683
Rocky Mountain	28	211	115	58	61	1	91	111					365
California							223				69		
Total													
Texas Gulf coast												68	
Louisiana Gulf coast	642	552	604	372	408	351	387	454	223	464	380	428	5,265

Losses (shortage) at refineries, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
East coast	480	383	468	425	534	411	593	562	543	522	541	498	5,960
Appalachian	123	112	125	123	138	144	138	165	170	127	123	129	1,617
Indiana, Illinois, etc	219	188	222	212	213	252	176	228	212	175	154	165	2,416
Oklahoma, Kansas, etc	278	269	298	336	365	416	452	474	447	392	429	404	4,560
Texas	561	529	582	511	621	582	577	600	569	703	489	557	6,881
Louisiana and Arkansas	100	99	101	131	116	112	146	166	154	167	152	179	1,623
Rocky Mountain	49	24	66	26	21	77	81	95	133	73	71	86	802
California	186	169	206	227	267	310	260	319	269	281	305	270	3,069
Total	1,996	1,773	2,068	1,991	2,275	2,304	2,423	2,609	2,497	2,440	2,264	2,288	26,928
Texas Gulf coast	495	428	497	412	548	489	480	495	472	611	405	468	5,800
Louisiana Gulf coast	59	58	50	71	64	62	65	76	79	91	74	88	837
1927													
East coast	503	455	488	480	526	420	466	457	464	523	399	377	5,558
Appalachian	118	127	133	123	134	144	132	171	148	142	119	129	1,620
Indiana, Illinois, etc	224	181	231	221	246	272	298	229	176	163	133	128	2,502
Oklahoma, Kansas, etc	402	392	440	366	448	462	441	484	439	434	392	439	5,139
Texas	640	479	613	643	791	745	707	798	747	663	620	585	8,031
Louisiana and Arkansas	168	143	122	109	135	143	155	153	154	132	79	80	1,573
Rocky Mountain	38	25	29	35	49	33	54	82	94	60	52	73	624
California	273	288	311	257	269	265	258	305	229	285	352	257	3,349
Total	2,366	2,090	2,367	2,234	2,598	2,484	2,511	2,679	2,451	2,402	2,146	2,068	28,396
Texas Gulf coast	541	402	508	541	683	621	572	681	635	556	519	478	6,737
Louisiana Gulf coast	87	82	65	51	46	63	53	44	61	55	30	42	679

PERCENTAGE YIELDS OF THE MAJOR REFINED PRODUCTS, 1926 AND 1927

Percentage yields of the major refined products, 1926 and 1927

[Computed on the basis of total crude petroleum run to stills]

	January	February	March	April	May	June	July	August	September	October	November	December	Average for year
1926													
Gasoline	38	37.7	38	39.5	38.7	38.5	37.9	38.4	38.2	38.2	38.8	39.6	38.5
Kerosene	8.4	8.4	8.8	8.2	8	7.7	7.2	7.6	7.8	7.4	7.9	7.8	7.9
Gas oil and fuel oil	47.4	48.1	47.5	47.2	46.5	44.9	46.7	46.1	46.2	47.1	46.8	48	46.9
Lubricants	4.3	4.3	4.2	4.4	4.4	4.1	4.2	3.9	4	4	4	3.9	4.1
1927													
Gasoline	40.1	39.7	40.6	40.0	38.4	39.2	39.3	39.5	40.4	40.2	40.9	40.2	39.9
Kerosene	7.4	7.1	7.0	6.9	6.7	6.4	6.3	6.2	6.8	6.8	6.9	6.8	6.8
Gas oil and fuel oil	47.6	48.0	47.1	47.7	48.0	46.9	47.0	47.9	47.1	47.2	47.1	47.5	47.4
Lubricants	3.7	3.7	4.0	3.9	3.8	3.8	3.7	3.9	4.1	3.8	3.5	3.9	3.8
Detail by districts, 1926													
GASOLINE													
East coast	39	36	36	37	36	36	35	34	34	34	33	36	35
Appalachian	44	44	45	43	44	41	41	42	43	42	43	43	43
Indiana, Illinois, etc	54	56	56	58	56	57	59	58	59	59	60	58	58
Oklahoma, Kansas, etc	52	52	53	53	52	51	53	54	53	53	54	54	53
Texas	41	40	39	41	40	41	39	40	41	39	40	41	40
Louisiana and Arkansas	26	30	28	29	30	31	31	32	30	31	31	30	30
Rocky Mountain	54	56	58	60	60	57	53	58	56	56	53	53	56
California	25	23	25	27	26	24	24	25	24	26	27	29	25
United States	38	37.7	38	39.5	38.7	38.5	37.9	38.4	38.2	38.2	38.8	39.6	38.5
Texas Gulf coast	41	41	39	42	40	41	39	40	42	39	41	42	41
Louisiana Gulf coast	28	33	30	32	34	34	35	35	33	34	35	33	33
Mid-Continent	45	45	46	46	45	45	45	46	46	45	45	45	45
KEROSENE													
East coast	12	11	10	11	9	9	8	9	10	8	9	9	9
Appalachian	15	15	15	15	16	15	13	14	14	16	15	15	15
Indiana, Illinois, etc	7	7	7	6	7	7	6	7	8	8	7	7	7
Oklahoma, Kansas, etc	10	9	10	10	11	9	8	8	9	9	10	10	9
Texas	10	12	12	10	10	10	10	10	10	8	10	10	10
Louisiana and Arkansas	9	10	10	11	10	9	8	11	9	8	9	9	9
Rocky Mountain	7	5	6	8	8	10	7	9	8	8	8	3	7

California	4	4	4	3	3	4	4	3	3	3	3	4	3
United States	8.4	8.4	8.8	8.2	8	7.7	7.2	7.6	7.8	7.4	7.9	7.8	7.9
Texas Gulf coast	11	13	14	11	11	10	11	11	11	9	10	10	11
Louisiana Gulf coast	11	12	13	14	12	11	9	14	12	11	11	12	12
Mid-Continent	8	8	8	8	9	8	7	7	8	8	8	9	8
GAS OIL AND FUEL OIL													
East coast	41	51	48	47	45	41	46	44	44	47	48	48	46
Appalachian	23	21	21	23	22	24	25	26	23	26	25	25	24
Indiana, Illinois, etc	24	25	27	29	28	27	29	28	28	28	28	30	28
Oklahoma, Kansas, etc	35	35	36	33	34	36	36	34	33	34	33	34	34
Texas	43	43	40	43	41	38	41	40	39	41	42	46	41
Louisiana and Arkansas	52	47	47	45	48	44	47	49	51	50	49	51	48
Rocky Mountain	26	29	31	29	26	26	26	27	27	33	31	26	28
California	72	72	71	71	70	70	70	70	70	69	69	69	70
United States	47.4	48.1	47.5	47.2	46.5	44.9	46.7	46.1	46.2	47.1	46.8	48	46.9
Texas Gulf coast	43	43	39	43	41	37	40	39	39	41	41	46	41
Louisiana Gulf coast	45	38	38	35	39	34	36	35	36	39	38	40	38
Mid-Continent	42	42	42	41	40	42	43	42	42	42	41	43	42
LUBRICANTS													
East coast	8	8	8	8	8	8	8	7	7	7	7	6	7
Appalachian	17	18	17	18	18	18	16	16	16	16	16	16	17
Indiana, Illinois, etc	6	5	5	5	5	4	4	4	5	5	5	4	5
Oklahoma, Kansas, etc	3	3	3	3	3	2	2	2	2	2	2	2	3
Texas	6	5	5	5	6	5	5	5	5	5	5	5	5
Louisiana and Arkansas	1	1	0.5	1	2	2	1	2	1	1	1	1	1
Rocky Mountain	2	2	3	3	2	2	2	2	2	2	2	2	2
California	1	1	1	1	1	1	1	1	1	2	1	1	1
United States	4.3	4.3	4.2	4.4	4.4	4.1	4.2	3.9	4	4	4	3.9	4.1
Texas Gulf coast	7	7	6	7	8	6	7	6	7	6	6	6	6
Louisiana Gulf coast	1	2	1	2	2	2	1	2	1	2	2	2	2
Mid-Continent	2	2	2	2	2	2	2	2	2	2	2	2	2

Percentage yields of the major refined products, 1926 and 1927—Continued

[Computed on the basis of total crude petroleum run to stills]

	January	February	March	April	May	June	July	August	September	October	November	December	Average for year
Detail by districts, 1927													
GASOLINE													
East coast	37	39	37	35	32	31	31	30	30	31	31	30	33
Appalachian	44	44	44	44	42	42	42	44	43	42	45	47	43
Indiana, Illinois, etc	57	56	59	57	56	56	57	57	58	59	60	59	58
Oklahoma, Kansas, etc	55	54	55	53	52	53	53	55	55	56	55	54	54
Texas	43	41	43	44	42	42	42	44	45	41	43	41	43
Louisiana and Arkansas	31	30	31	30	32	34	37	37	36	38	38	36	34
Rocky Mountain	58	57	59	60	53	59	56	50	55	59	60	59	57
California	27	28	28	29	27	28	27	28	30	31	31	31	29
United States	40.1	39.7	40.6	40.0	38.4	39.2	39.3	39.5	40.4	40.2	40.9	40.2	39.9
Texas Gulf coast	45	42	44	45	42	42	42	45	46	41	45	41	43
Louisiana Gulf coast	34	33	35	33	36	38	42	41	40	41	42	39	38
Mid-Continent	46	47	47	46	45	47	47	49	49	49	48	47	47
KEROSENE													
East coast	7	7	7	8	7	7	7	6	8	7	7	6	7
Appalachian	14	13	14	15	14	14	13	13	12	12	12	12	13
Indiana, Illinois, etc	7	7	7	7	7	7	7	6	7	7	7	7	7
Oklahoma, Kansas, etc	9	9	9	9	9	8	8	8	9	9	9	9	9
Texas	10	9	9	7	8	7	7	8	9	9	9	9	8
Louisiana and Arkansas	9	8	8	9	9	9	8	8	8	8	10	10	9
Rocky Mountain	7	5	6	9	7	8	8	7	8	9	9	8	7
California	3	4	3	3	2	3	2	2	2	2	3	3	3
United States	7.4	7.1	7.0	6.9	6.7	6.4	6.3	6.2	6.8	6.8	6.9	6.8	6.8
Texas Gulf coast	11	9	9	7	8	7	8	8	10	10	9	9	9
Louisiana Gulf coast	12	11	10	12	12	11	10	9	10	9	12	13	11
Mid-Continent	8	8	8	8	8	7	7	7	8	8	8	8	8

GAS OIL AND FUEL OIL													
East coast	50	50	48	45	46	47	50	52	47	49	52	55	49
Appalachian	26	23	23	24	23	24	23	25	25	26	23	24	24
Indiana, Illinois, etc	28	28	29	30	29	28	28	31	30	30	28	29	29
Oklahoma, Kansas, etc	33	32	32	34	34	33	34	33	34	33	33	33	33
Texas	43	45	42	45	45	43	42	43	41	44	43	43	43
Louisiana and Arkansas	44	48	47	50	46	44	42	42	46	43	42	42	45
Rocky Mountain	28	24	26	26	32	30	28	32	35	33	32	32	29
California	70	70	70	70	70	70	69	69	70	68	67	68	69
United States	47.6	48.0	47.1	47.7	48.0	46.9	47.0	47.9	47.1	47.2	47.1	47.5	47.4
Texas Gulf coast	43	45	41	45	44	42	41	42	40	43	42	41	43
Louisiana Gulf coast	36	39	40	42	37	33	32	31	37	34	31	31	35
Mid-Continent	40	40	40	42	42	41	41	40	40	40	41	41	40
LUBRICANTS													
East coast	7	7	8	7	7	6	7	7	8	7	5	7	7
Appalachian	14	15	15	14	15	15	15	2	2	2	2	2	2
Indiana, Illinois, etc	4	4	4	4	4	4	4	5	4	4	5	5	4
Oklahoma, Kansas, etc	2	2	2	2	3	2	2	2	2	2	2	2	2
Texas	5	5	5	5	4	5	5	5	5	4	4	5	5
Louisiana and Arkansas	1	.8	.9	1	.8	1	1	.8	2	.6	.9	1	1
Rocky Mountain	2	2	2	2	3	2	2	3	3	3	2	3	2
California	.8	.9	1	1	1	1	1	1	1	1	1	1	1
United States	3.7	3.7	4.0	3.9	3.8	3.8	3.7	3.9	4.1	3.8	3.5	3.9	3.8
Texas Gulf coast	6	6	6	6	5	6	6	6	6	5	5	5	6
Louisiana Gulf coast	2	1	1	2	1	2	1	1	2	8	1	2	1
Mid-Continent	2	2	2	2	2	2	2	2	2	2	2	2	2

STOCKS

In this bulletin all figures of stocks represent quantities held on the last day of the period indicated.

TOTAL STOCKS OF CRUDE PETROLEUM, NATURAL GASOLINE, AND REFINED PRODUCTS, 1926 AND 1927

Total stocks of crude petroleum, natural gasoline, and refined products, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
Crude petroleum:												
East of California—												
At refineries	30,781	30,523	31,717	34,401	35,807	36,742	36,359	36,982	37,824	36,843	35,565	35,475
Pipe-line and tank-farm stocks	260,408	257,862	256,060	251,641	248,010	244,020	241,944	240,449	239,628	239,996	240,924	242,180
Foreign crude petroleum held in the United States by importers	439	531	414	368	369	305	369	528	536	608	660	609
Total crude stocks east of California (exclusive of producers stocks)	291,628	288,916	288,191	286,410	284,186	281,067	278,672	277,959	277,988	277,447	277,149	278,264
California—												
Light	44,197	44,871	43,973	38,634	37,192	35,454	33,548	32,149	30,494	30,390	30,051	30,861
Heavy (including fuel oil)	86,614	86,744	88,466	85,656	88,184	87,364	88,092	87,772	87,353	87,529	87,440	87,270 / [1] 88,309
Total crude and fuel stocks in California	130,811	131,615	132,439	124,290	125,376	122,818	121,640	119,921	117,847	117,919	117,491	118,131 / [1] 119,170
Grand total crude stocks	422,439	420,531	420,630	410,700	409,562	403,885	400,312	397,880	395,835	395,366	394,640	396,395 / [1] 397,434
Natural gasoline at plants	405	419	490	507	588	650	631	590	493	488	462	455
Refined products:												
Gasoline	41,524	44,132	46,121	45,767	42,916	40,779	38,289	34,421	33,257	33,712	35,905	39,023
Kerosene	6,851	6,855	7,004	7,014	7,378	7,881	8,434	8,196	8,162	8,238	8,060	8,575
Gas oil and fuel oil [2]	23,266	21,445	20,037	19,788	20,858	22,554	25,696	26,500	27,151	26,376	26,859	24,898
Lubricants	7,544	7,910	7,640	7,368	7,656	7,314	7,328	7,226	7,149	7,437	7,620	7,576
Wax [3]	433	431	470	487	538	564	563	588	571	603	635	665
Coke [3]	1,243	1,177	1,147	1,163	1,289	1,347	1,392	1,427	1,515	1,532	1,515	1,514
Asphalt [3]	973	1,018	1,083	1,337	1,268	1,108	1,112	1,155	1,024	1,001	1,044	1,067

All other finished products	1,065	1,104	1,217	1,138	1,211	1,010	897	858	835	856	1,026	1,100
Unfinished oils	37,881	38,819	39,713	39,280	38,691	40,081	39,852	39,780	39,625	40,013	38,777	38,829
Total refined products	120,780	122,891	124,432	123,342	121,805	122,638	123,563	120,151	119,289	119,768	121,441	123,247
Grand total stocks, all oils	543,624	543,841	545,552	[4] 534,549	531,955	527,173	524,506	518,621	515,617	515,622	516,543	{ 520,097 [1] 521,136
1927												
Crude petroleum:												
East of California—												
At refineries	35,655	38,066	37,432	38,155	36,498	35,767	36,545	38,030	38,213	38,554	39,081	39,317
Pipe-line and tank-farm stocks	243,136	247,642	253,299	260,216	270,183	279,402	287,535	295,124	301,039	307,061	311,132	312,637
Foreign crude petroleum held in the United States by importers	511	558	411	448	286	295	298	259	220	249	274	84
Total crude stocks east of California (exclusive of producer's stocks)	279,302	286,266	291,142	298,819	306,967	315,464	324,378	333,413	339,472	345,864	350,487	352,038
California—												
Light	31,017	29,770	29,568	29,460	27,143	26,898	25,301	23,262	22,826	21,676	21,273	20,086
Heavy (including fuel oil)	89,043	88,834	89,103	89,537	91,407	91,964	93,011	93,353	93,820	92,233	93,880	93,719
Total crude and fuel stocks in California	120,060	118,604	118,671	118,997	118,550	118,862	118,312	116,615	116,646	113,909	115,153	113,805
Grand total crude stocks	399,362	404,870	409,813	417,816	425,517	434,326	442,690	450,028	456,118	459,773	465,640	465,843
Natural gasoline at plants	560	619	697	788	926	971	992	846	736	781	820	734
Refined products:												
Gasoline	46,191	49,842	52,460	52,532	48,859	44,124	39,608	34,199	30,481	30,258	31,117	33,316
Kerosene	8,206	8,672	8,753	8,725	8,568	8,567	9,143	8,694	8,523	7,611	7,937	7,715
Gas oil and fuel oil [2]	23,195	22,099	22,561	23,732	26,059	26,590	28,890	30,346	31,631	33,191	33,637	34,022
Lubricants	7,887	8,361	8,035	8,176	8,011	7,628	7,496	7,491	7,447	7,584	7,524	7,860
Wax [3]	691	704	721	759	735	699	691	656	608	610	613	597
Coke [3]	1,497	1,532	1,689	1,650	1,696	1,492	1,553	1,527	1,574	1,683	1,770	1,760
Asphalt [3]	1,189	1,294	1,297	1,174	1,206	1,267	1,188	1,061	985	1,045	1,083	1,223
All other finished products	1,189	1,282	1,356	1,410	1,368	1,180	923	879	863	960	1,123	1,221
Unfinished oils	39,418	39,116	39,460	38,095	37,760	38,192	39,615	38,681	36,962	35,874	35,216	35,316
Total refined products	129,463	132,902	136,332	136,253	134,262	129,739	129,112	123,534	119,074	118,816	120,020	123,030
Grand total stocks, all oils	529,385	538,391	546,842	554,857	560,705	565,036	572,794	574,408	575,928	579,370	586,480	589,607

[1] Revised figures to compare with 1927.
[2] East of California.
[3] Conversion of wax, coke, and asphalt to barrels based on factors as given on p. 26.
[4] Fire loss, 8,214,000 barrels; for details, see p. 19.

STOCKS AT REFINERIES, 1926 AND 1927

[Reported by location of storage]

Stocks of crude petroleum, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
DOMESTIC AND FOREIGN CRUDE PETROLEUM EAST OF CALIFORNIA [1]												
1926												
East coast	10,757	8,870	9,715	9,906	10,186	11,225	11,674	11,832	11,793	11,685	10,267	9,426
Appalachian	1,546	1,579	1,616	1,624	1,653	1,688	1,722	1,659	1,688	1,675	1,664	1,673
Indiana, Illinois, etc	1,492	1,482	1,571	1,727	1,749	1,919	1,881	1,844	1,992	2,034	2,058	2,224
Oklahoma, Kansas, etc	3,594	3,607	3,558	4,072	3,825	3,713	3,081	2,889	2,312	2,287	2,548	2,926
Texas	6,974	7,434	6,981	8,036	7,972	8,290	8,176	8,410	8,819	8,680	9,061	9,382
Louisiana and Arkansas	4,909	6,030	6,778	7,465	8,860	8,369	8,325	8,886	9,826	8,995	8,466	8,422
Rocky Mountain	1,509	1,521	1,498	1,571	1,562	1,538	1,500	1,462	1,394	1,487	1,501	1,422
Total	30,781	30,523	31,717	34,401	35,807	36,742	36,359	36,982	37,824	36,843	35,565	35,475
Texas Gulf coast	5,819	6,320	6,241	7,011	6,745	7,143	7,043	7,400	7,877	7,817	8,109	8,430
Louisiana Gulf coast	4,439	5,484	6,088	6,834	8,098	7,720	7,753	8,171	9,150	8,285	7,828	7,821
1927												
East coast	9,590	10,546	9,436	10,916	10,797	11,629	11,670	12,430	12,048	11,447	11,025	11,458
Appalachian	1,597	1,606	1,627	1,648	1,662	1,668	1,785	1,783	1,768	1,740	1,822	1,871
Indiana, Illinois, etc	2,284	2,491	2,561	2,545	2,465	2,507	2,561	2,746	2,727	2,737	2,692	2,777
Oklahoma, Kansas, etc	3,135	3,551	3,841	3,922	4,301	4,413	4,428	4,400	4,536	4,850	4,924	4,871
Texas	9,379	9,662	9,935	9,716	9,807	8,507	8,333	8,424	9,120	9,324	9,513	9,337
Louisiana and Arkansas	8,062	8,706	8,647	8,028	6,285	5,750	6,386	6,862	6,568	7,088	7,711	7,603
Rocky Mountain	1,608	1,504	1,385	1,380	1,181	1,293	1,382	1,385	1,446	1,368	1,394	1,400
Total	35,655	38,066	37,432	38,155	36,498	35,767	36,545	38,030	38,213	38,554	39,081	39,317
Texas Gulf coast	8,285	8,542	8,738	8,543	8,611	7,203	6,883	6,961	7,499	7,647	7,857	7,905
Louisiana Gulf coast	7,509	8,146	8,206	7,620	5,865	5,319	5,932	6,414	6,213	6,686	7,254	7,195

DOMESTIC CRUDE PETROLEUM EAST OF CALIFORNIA												
1926												
East coast	8,003	6,397	6,602	6,664	7,267	8,544	8,582	8,754	9,145	9,465	7,913	7,240
Appalachian	1,546	1,579	1,616	1,624	1,653	1,688	1,722	1,659	1,688	1,675	1,664	1,673
Indiana, Illinois, etc	1,492	1,482	1,571	1,727	1,749	1,919	1,881	1,844	1,992	2,034	2,058	2,224
Oklahoma, Kansas, etc	3,594	3,607	3,558	4,072	3,825	3,713	3,081	2,889	2,312	2,287	2,548	2,926
Texas	6,688	7,290	6,715	7,667	7,728	7,883	7,760	8,039	8,513	8,399	8,855	9,146
Louisiana and Arkansas	3,353	4,499	4,907	5,733	7,053	6,905	7,236	7,775	8,917	8,229	7,705	7,620
Rocky Mountain	1,509	1,521	1,498	1,571	1,562	1,538	1,500	1,462	1,394	1,487	1,501	1,422
Total	26,185	26,375	26,467	29,058	30,837	32,190	31,762	32,422	33,961	33,576	32,244	32,251
Texas Gulf coast	5,533	6,176	5,975	6,642	6,501	6,736	6,627	7,029	7,571	7,536	7,903	8,194
Louisiana Gulf coast	2,883	3,953	4,217	5,202	6,291	6,256	6,664	7,060	8,241	7,519	7,067	7,019
1927												
East coast	7,426	7,942	7,230	8,134	7,754	8,720	8,999	9,401	9,062	8,772	8,045	8,690
Appalachian	1,597	1,606	1,627	1,648	1,662	1,668	1,785	1,783	1,768	1,740	1,822	1,871
Indiana, Illinois, etc	2,284	2,491	2,561	2,545	2,465	2,507	2,561	2,746	2,727	2,737	2,692	2,777
Oklahoma, Kansas, etc	3,135	3,551	3,841	3,922	4,301	4,413	4,428	4,400	4,536	4,850	4,924	4,871
Texas	9,227	9,425	9,678	9,393	9,503	8,265	8,107	8,221	8,916	9,150	9,309	9,118
Louisiana and Arkansas	7,340	7,739	7,758	7,196	5,213	4,468	5,013	5,574	5,485	6,045	6,561	6,557
Rocky Mountain	1,608	1,504	1,385	1,380	1,181	1,293	1,382	1,385	1,446	1,368	1,394	1,400
Total	32,617	34,258	34,080	34,218	32,079	31,334	32,275	33,510	33,940	34,662	34,747	35,284
Texas Gulf coast	8,133	8,305	8,481	8,220	8,307	6,961	6,657	6,758	7,295	7,473	7,653	7,686
Louisiana Gulf coast	6,787	7,179	7,317	6,788	4,793	4,037	4,559	5,126	5,130	5,643	6,104	6,149

[1] For total stocks of crude petroleum in California see pp. 18, 19, 48, and 49.

Stocks of foreign crude petroleum and unfinished oils, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
FOREIGN CRUDE PETROLEUM												
1926												
East coast	2,754	2,473	3,113	3,242	2,919	2,681	3,092	3,078	2,648	2,220	2,354	2,186
Texas Gulf coast	286	144	266	369	244	407	416	371	306	281	206	236
Louisiana Gulf coast	1,556	1,531	1,871	1,732	1,807	1,464	1,089	1,111	909	766	761	802
Total	4,596	4,148	5,250	5,343	4,970	4,552	4,597	4,560	3,863	3,267	3,321	3,224
1927												
East coast	2,164	2,604	2,206	2,782	3,043	2,909	2,671	3,029	2,986	2,675	2,980	2,768
Texas Gulf coast	152	237	257	323	304	242	226	203	204	174	204	219
Louisiana Gulf coast	722	967	889	832	1,072	1,282	1,373	1,288	1,083	1,043	1,150	1,046
Total	3,038	3,808	3,352	3,937	4,419	4,433	4,270	4,520	4,273	3,892	4,334	4,033
UNFINISHED OILS												
1926												
East coast	6,236	7,091	7,783	7,899	7,745	7,992	7,853	7,182	6,854	7,660	6,442	6,368
Appalachian	934	953	1,026	1,037	990	984	1,014	964	957	974	985	1,003
Indiana, Illinois, etc	3,211	3,381	3,369	3,355	3,226	3,231	3,091	3,203	3,029	2,886	2,946	2,996
Oklahoma, Kansas, etc	1,977	1,920	1,860	1,932	2,191	2,353	2,396	2,666	2,854	2,896	2,768	2,833
Texas	7,394	7,120	7,574	7,707	7,453	8,041	8,354	8,779	8,998	9,306	9,438	9,471
Louisiana and Arkansas	2,454	2,664	3,020	2,837	2,761	3,126	2,731	2,934	2,981	2,673	2,665	2,853
Rocky Mountain	1,836	1,867	1,741	1,724	1,786	1,734	1,850	1,532	1,511	1,495	1,501	1,671
California	13,839	13,823	13,340	12,789	12,539	12,620	12,563	12,520	12,441	12,123	12,032	11,634
Total	37,881	38,819	39,713	39,280	38,691	40,081	39,852	39,780	39,625	40,013	38,777	38,829
Texas Gulf coast	6,879	6,620	7,065	7,061	6,959	7,601	7,840	8,181	8,405	8,656	8,786	8,701
Louisiana Gulf coast	2,190	2,365	2,842	2,683	2,580	2,865	2,468	2,586	2,608	2,375	2,433	2,548
1927												
East coast	6,110	5,552	5,789	5,079	5,273	5,982	7,028	7,196	6,998	6,864	6,780	6,666
Appalachian	1,095	1,117	1,130	1,128	1,350	1,187	1,206	1,186	1,193	1,198	1,183	1,151
Indiana, Illinois, etc	3,211	3,331	3,468	3,391	3,523	3,606	3,648	3,296	2,992	2,956	3,194	3,627
Oklahoma, Kansas, etc	3,106	2,929	2,781	2,620	2,533	2,543	2,552	2,437	2,270	2,177	2,089	2,259
Texas	9,306	9,471	9,574	9,472	9,429	9,525	9,888	9,644	9,427	9,452	9,288	9,327
Louisiana and Arkansas	3,072	2,942	3,067	3,217	2,702	2,715	2,625	2,606	2,347	1,999	1,860	2,016
Rocky Mountain	1,814	2,088	2,155	2,206	2,165	2,116	2,115	2,122	2,033	1,893	1,827	1,522
California	11,704	11,686	11,496	10,982	10,785	10,518	10,553	10,194	9,702	9,335	8,995	8,748
Total	39,418	39,116	39,460	38,095	37,760	38,192	39,615	38,681	36,962	35,874	35,216	35,316
Texas Gulf coast	8,592	8,764	8,993	8,841	8,795	8,914	9,104	8,737	8,242	8,170	8,204	8,160
Louisiana Gulf coast	2,752	2,611	2,703	2,879	2,344	2,344	2,203	2,186	1,891	1,658	1,467	1,582

Stocks of gasoline, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	8,571	9,774	10,116	9,572	8,785	8,421	8,250	7,460	6,719	6,333	6,478	7,385
Appalachian	919	1,045	1,128	1,057	907	916	775	675	624	716	749	846
Indiana, Illinois, etc	4,928	5,706	6,162	6,467	6,074	5,300	4,549	3,737	3,406	3,486	3,823	4,357
Oklahoma, Kansas, etc	3,495	3,971	3,990	3,933	3,649	3,457	2,927	2,753	2,705	2,628	2,696	3,096
Texas	5,522	5,527	5,599	5,434	4,772	4,499	4,096	3,248	3,515	4,027	4,519	5,002
Louisiana and Arkansas	4,220	3,622	3,799	4,023	3,503	3,377	3,504	3,026	2,777	3,070	3,328	3,259
Rocky Mountain	4,167	4,422	4,712	4,835	4,794	4,652	4,215	3,781	3,545	3,450	3,764	4,137
California	9,702	10,065	10,615	10,446	10,432	10,157	9,973	9,741	9,966	10,002	10,548	10,941
Total	41,524	44,132	46,121	45,767	42,916	40,779	38,289	34,421	33,257	33,712	35,905	39,023
Texas Gulf coast	4,874	4,944	4,956	4,835	4,212	3,963	3,644	2,871	3,192	3,710	4,149	4,569
Louisiana Gulf coast	4,110	3,501	3,633	3,898	3,419	3,300	3,451	2,951	2,696	3,007	3,258	3,196
1927												
East coast	8,465	9,469	10,711	11,166	10,233	8,355	6,615	5,364	4,548	4,490	4,561	4,748
Appalachian	1,047	1,291	1,378	1,246	1,040	932	833	792	824	847	822	1,035
Indiana, Illinois, etc	5,358	5,682	5,969	5,690	5,294	4,859	4,664	4,146	3,570	3,225	3,251	3,734
Oklahoma, Kansas, etc	3,756	4,338	4,539	4,595	4,292	3,664	3,158	2,652	1,831	2,337	2,528	2,983
Texas	6,718	7,215	7,107	7,331	6,822	6,188	5,829	4,317	3,984	4,009	4,625	4,889
Louisiana and Arkansas	3,520	3,849	4,141	3,649	3,438	2,747	2,162	1,853	1,619	1,433	1,424	1,491
Rocky Mountain	4,510	4,767	5,031	5,204	4,855	4,495	3,970	2,980	1,971	1,408	1,336	1,643
California	12,817	13,231	13,584	13,651	12,885	12,884	12,377	12,095	12,134	12,509	12,570	12,793
Total	46,191	49,842	52,460	52,532	48,859	44,124	39,608	34,199	30,481	30,258	31,117	33,316
Texas Gulf coast	6,140	6,446	6,249	6,473	5,867	5,362	5,107	3,728	3,335	3,358	3,925	4,197
Louisiana Gulf coast	3,446	3,719	4,010	3,507	3,318	2,633	2,050	1,752	1,518	1,299	1,332	1,412

Stocks of kerosene, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	1,344	1,385	1,345	1,371	1,580	1,640	1,772	1,634	1,774	1,774	1,507	1,664
Appalachian	239	229	217	175	168	195	240	237	258	276	303	245
Indiana, Illinois, etc	858	856	843	618	541	652	682	609	603	712	680	778
Oklahoma, Kansas, etc	378	364	361	282	400	563	367	362	387	472	632	677
Texas	1,277	1,438	1,595	1,405	1,707	1,710	1,760	1,971	1,913	1,913	1,670	2,066
Louisiana and Arkansas	379	342	471	1,039	1,041	1,089	1,510	1,578	1,449	1,417	1,240	1,129
Rocky Mountain	348	347	300	263	162	282	293	278	251	241	362	383
California	2,028	1,894	1,872	1,861	1,779	1,750	1,810	1,527	1,527	1,433	1,666	1,633
Total	6,851	6,855	7,004	7,014	7,378	7,881	8,434	8,196	8,162	8,238	8,060	8,575
Texas Gulf coast	962	1,232	1,366	1,209	1,514	1,514	1,467	1,690	1,568	1,446	1,210	1,467
Louisiana Gulf coast	367	331	460	1,028	1,028	1,061	1,480	1,554	1,438	1,403	1,228	1,116
1927												
East coast	1,566	1,445	1,705	1,621	1,337	1,589	1,789	1,750	1,838	1,399	1,557	1,401
Appalachian	238	264	292	294	286	300	336	326	309	298	300	316
Indiana, Illinois, etc	870	940	863	774	694	721	919	873	810	857	932	1,004
Oklahoma, Kansas, etc	636	661	585	603	509	533	642	616	633	457	540	605
Texas	1,768	1,830	1,805	1,773	1,781	1,667	1,710	1,541	1,580	1,461	1,521	1,322
Louisiana and Arkansas	994	1,184	1,244	1,396	1,706	1,511	1,396	1,251	971	861	890	937
Rocky Mountain	452	442	406	446	325	318	322	216	147	177	266	350
California	1,682	1,906	1,853	1,818	1,930	1,928	2,029	2,121	2,235	2,101	1,931	1,780
Total	8,206	8,672	8,753	8,725	8,568	8,567	9,143	8,694	8,523	7,611	7,937	7,715
Texas Gulf coast	1,344	1,354	1,345	1,289	1,375	1,244	1,332	1,279	1,436	1,338	1,415	1,236
Louisiana Gulf coast	979	1,144	1,198	1,352	1,672	1,471	1,357	1,218	947	848	866	911

Stocks of gas oil and fuel oil, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	5,525	4,873	4,913	4,611	4,935	5,506	6,402	6,985	6,947	5,831	7,035	6,519
Appalachian	588	600	497	493	513	584	660	693	685	692	750	788
Indiana, Illinois, etc	959	789	812	852	963	1,233	1,458	1,526	1,427	1,391	1,295	1,145
Oklahoma, Kansas, etc	3,689	3,473	3,332	3,229	3,654	4,175	4,895	5,247	5,410	5,583	5,485	5,008
Texas	7,471	7,147	6,563	6,685	6,889	7,064	7,936	8,080	8,546	8,674	8,557	8,026
Louisiana and Arkansas	3,622	3,196	2,561	2,573	2,595	2,620	2,957	2,473	2,690	2,743	2,419	2,256
Rocky Mountain	1,412	1,367	1,359	1,345	1,309	1,372	1,388	1,496	1,446	1,462	1,318	1,156
Total	23,266	21,445	20,037	19,788	20,858	22,554	25,696	26,500	27,151	26,376	26,859	24,898
Texas Gulf coast	6,362	6,135	5,575	5,770	5,909	6,168	6,808	7,003	7,376	7,736	7,578	6,996
Louisiana Gulf coast	2,716	2,302	1,724	1,863	1,834	1,881	2,229	1,742	1,896	1,956	1,671	1,590
1927												
East coast	6,242	5,821	5,951	6,587	6,866	7,430	8,917	9,889	10,631	10,566	10,804	11,209
Appalachian	846	800	797	835	856	866	896	878	940	1,110	1,065	1,068
Indiana, Illinois, etc	1,012	908	862	961	1,108	1,273	1,545	1,852	1,896	2,057	1,938	1,434
Oklahoma, Kansas, etc	4,272	4,167	4,419	4,473	4,572	4,667	5,241	5,501	5,790	6,122	6,066	5,205
Texas	7,579	7,379	7,436	7,870	8,419	8,192	8,372	8,500	8,549	9,397	9,686	10,767
Louisiana and Arkansas	2,291	2,234	2,507	2,508	3,683	3,581	3,272	3,091	3,151	3,308	3,419	3,681
Rocky Mountain	953	790	589	498	555	581	647	635	674	631	659	658
Total	23,195	22,099	22,561	23,732	26,059	26,590	28,890	30,346	31,631	33,191	33,637	34,022
Texas Gulf coast	6,438	6,182	6,266	6,658	7,106	6,756	6,790	6,853	6,996	7,767	8,007	9,044
Louisiana Gulf coast	1,709	1,659	1,905	1,915	2,980	2,860	2,672	2,498	2,588	2,758	2,849	3,120

[1] East of California.

Stocks of lubricants, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	2,852	3,015	2,845	2,476	2,740	2,556	2,514	2,558	2,487	2,660	2,769	2,599
Appalachian	876	891	868	867	899	882	912	942	976	995	1,015	993
Indiana, Illinois, etc	804	826	797	760	771	745	713	627	614	658	661	647
Oklahoma, Kansas, etc	467	485	465	457	463	426	400	377	404	389	417	423
Texas	1,422	1.513	1,580	1,658	1,655	1,562	1,669	1,558	1,585	1,636	1,621	1,773
Louisiana and Arkansas	108	119	106	104	113	110	94	103	97	107	104	119
Rocky Mountain	184	198	187	182	183	179	176	166	161	161	149	150
California	831	863	792	864	832	854	850	895	825	831	884	872
Total	7,544	7,910	7,640	7,368	7,656	7,314	7,328	7,226	7.149	7,437	7,620	7.576
Texas Gulf coast	1,378	1,478	1,546	1,627	1,622	1,525	1,633	1,516	1,553	1,603	1,583	1,738
Louisiana Gulf coast	108	119	106	104	113	110	94	101	96	105	104	119
1927												
East coast	2,684	2.913	2,717	2,821	2,822	2.543	2,553	2,562	2,594	2,688	2,522	2,629
Appalachian	971	1,028	1,018	984	996	986	952	960	986	1,033	1,063	1,095
Indiana, Illinois, etc	750	798	753	720	681	679	675	664	675	705	780	840
Oklahoma, Kansas, etc	438	484	475	452	468	445	413	400	385	422	471	512
Texas	1,864	1.938	1,921	2,026	1,902	1,904	1,796	1,837	1,741	1,692	1,622	1,671
Louisiana and Arkansas	122	131	125	128	117	110	108	107	89	99	101	114
Rocky Mountain	157	161	136	125	126	127	122	104	103	107	112	127
California	901	903	890	920	899	834	877	857	874	838	853	872
Total	7,887	8,361	8,035	8,176	8,011	7.628	7,496	7,491	7,447	7,584	7,524	7,860
Texas Gulf coast	1,828	1,899	1,878	1,995	1,869	1,864	1,753	1,785	1,699	1,639	1,570	1,606
Louisiana Gulf coast	122	131	125	128	117	110	108	107	89	98	101	113

Stocks of wax, 1926 and 1927

[Thousands of pounds; totals expressed also in thousands of barrels]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	53,750	52,456	56,806	60,994	71,018	72,250	72,412	74,306	70,382	73,763	76,078	80,041
Appalachian	15,332	15,499	15,324	16,727	16,871	17,241	18,844	19,177	18,907	18,993	19,982	20,970
Indiana, Illinois, etc	25,033	26,127	27,682	28,597	29,163	28,688	27,558	25,618	24,155	23,481	23,277	23,568
Oklahoma, Kansas, etc	3,897	2,991	3,869	3,219	3,288	5,291	5,628	5,468	6,393	7,359	9,135	8,928
Texas	9,145	8,686	8,175	7,462	8,830	10,391	9,464	10,507	8,718	12,705	13,402	14,516
Louisiana and Arkansas	4,500	7,141	9,794	10,293	11,790	14,433	17,125	18,651	21,518	22,916	25,763	28,081
Rocky Mountain	10,995	10,960	8,594	8,744	8,398	6,816	5,529	11,203	9,584	8,600	9,309	9,094
California	121	104	97	48	38	144	144	135	122	108	108	133
Total	122,773	123,964	130,341	136,084	149,396	155,254	156,704	165,065	159,779	167,925	177,054	185,331
Total (thousands of barrels)	433	431	470	487	538	564	563	588	571	603	635	665
Texas Gulf coast	8,884	8,583	8,158	7,345	8,653	10,316	9,206	10,185	8,491	12,411	13,173	14,287
Louisiana Gulf coast	4,500	7,141	9,794	10,293	11,790	14,433	17,125	18,651	21,518	22,916	25,763	28,081
1927												
East coast	83,117	90,371	96,857	105,575	102,127	93,355	89,984	79,717	70,156	67,639	63,277	56,754
Appalachian	21,312	21,723	21,914	22,620	23,633	22,257	22,058	21,997	21,604	25,195	24,467	24,890
Indiana, Illinois, etc	25,427	25,845	24,200	21,922	17,954	18,185	16,654	15,891	14,497	13,279	14,094	16,353
Oklahoma, Kansas, etc	9,472	8,048	7,046	7,978	8,813	8,734	8,814	8,236	6,261	4,828	5,053	2,904
Texas	15,837	16,040	15,599	15,971	16,262	15,976	10,859	10,164	9,319	9,879	10,469	8,745
Louisiana and Arkansas	27,195	26,842	26,730	27,506	28,534	29,396	30,354	33,395	36,857	38,013	42,102	43,875
Rocky Mountain	10,347	9,465	8,879	9,324	9,905	10,825	12,691	11,163	11,403	11,438	12,180	13,642
California	128	118	115	123	101	80	87	82	75	96	58	51
Total	192,835	198,452	201,340	211,019	207,329	198,808	191,501	180,645	170,172	170,367	171,700	167,214
Total (thousands of barrels)	691	704	721	759	735	699	691	656	608	610	613	597
Texas Gulf coast	15,682	15,973	15,483	15,695	15,864	15,844	10,793	10,067	9,222	9,739	10,326	8,659
Louisiana Gulf coast	27,195	26,842	26,730	27,506	28,534	29,396	30,354	33,395	36,857	38,013	42,102	43,875

Stocks of coke, 1926 and 1927

[Thousands of short tons; totals expressed also in thousands of barrels]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	18.6	14.8	6.8	7.8	11.0	15.2	14.9	17.2	19.9	21.7	19.5	16.4
Appalachian	.8	.6	.6	.5	.5	.5	.4	.4	.4	.4	.3	.3
Indiana, Illinois, etc	4.7	6.4	13.0	11.7	13.1	17.2	20.5	22.8	16.6	12.6	12.5	8.4
Oklahoma, Kansas, etc	21.1	18.0	26.0	22.6	23.7	24.7	28.0	30.8	36.6	41.2	38.3	44.3
Texas	69.3	53.9	56.4	59.7	60.0	65.3	70.2	76.9	82.1	77.5	82.0	86.3
Louisiana and Arkansas	57.3	58.2	59.2	60.4	61.8	60.2	60.5	60.2	61.6	59.7	59.5	61.2
Rocky Mountain	58.8	58.3	57.8	53.5	60.9	63.6	66.2	69.4	70.3	74.3	73.8	73.7
Total	230.6	210.2	219.8	216.2	231.0	246.7	260.7	277.7	287.5	287.4	285.9	290.6
Total (thousands of barrels)	1,243	1,177	1,147	1,163	1,289	1,347	1,392	1,427	1,515	1,532	1,515	1,514
Texas Gulf coast	64.6	49.8	51.8	55.3	56.0	61.9	67.4	74.4	79.8	74.9	77.8	80.7
Louisiana Gulf coast	54.9	56.1	57.6	58.9	59.5	57.7	58.0	57.5	58.8	57.0	57.3	59.9
1927												
East coast	15.1	15.1	18.4	20.3	25.1	28.8	32.4	34.1	32.7	33.1	33.7	33.3
Appalachian	.4	.4	.4	.5	.4	.5	.5	.6	.8	1.0	1.2	1.2
Indiana, Illinois, etc	16.7	21.1	23.9	12.7	12.9	12.8	19.3	18.8	23.6	27.6	34.2	36.7
Oklahoma, Kansas, etc	38.0	39.5	47.4	48.0	47.1	48.5	55.4	54.7	53.8	56.6	58.3	58.0
Texas	81.7	81.3	94.0	97.3	103.1	63.8	63.4	60.8	66.3	72.4	80.0	82.8
Louisiana and Arkansas	61.4	62.8	61.8	62.4	64.0	63.4	63.9	64.0	63.9	64.4	64.0	63.6
Rocky Mountain	74.1	74.5	79.6	77.3	76.8	75.3	70.9	70.6	72.4	76.2	77.8	69.5
Total	287.4	294.7	325.5	318.5	329.4	293.1	305.8	303.6	313.5	331.3	349.2	345.1
Total (thousands of barrels)	1,497	1,532	1,689	1,650	1,696	1,492	1,553	1,527	1,574	1,683	1,770	1,760
Texas Gulf coast	76.7	76.0	86.8	92.4	97.2	57.5	55.1	51.4	55.3	60.8	66.8	69.4
Louisiana Gulf coast	58.3	59.3	60.0	60.4	62.5	61.6	61.7	61.6	61.4	61.7	61.4	61.1

Stocks of asphalt, 1926 and 1927

[Thousands of short tons; totals expressed also in thousands of barrels]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	81.2	85.2	103.9	143.1	124.6	97.8	78.6	93.7	84.4	79.0	60.6	77.5
Appalachian	.1	.1	.1				.1					
Indiana, Illinois, etc	15.7	16.8	17.1	17.4	18.5	16.3	20.4	21.3	18.6	21.2	22.8	28.0
Oklahoma, Kansas, etc	.8	.8	.8	.9	1.1	1.5	1.5	1.5	1.4	1.4	1.0	.9
Texas	10.8	12.5	7.7	8.4	9.0	9.3	7.4	6.8	10.0	7.0	7.4	8.3
Louisiana and Arkansas	27.4	29.2	29.4	28.9	29.9	28.3	30.1	33.3	29.7	28.9	25.7	27.3
Rocky Mountain	7.8	8.4	8.4	9.4	9.1	9.5	8.8	8.0	8.2	8.0	8.2	7.9
California	30.8	29.1	27.7	31.9	37.6	38.1	38.2	35.6	36.3	42.3	41.1	43.4
Total	174.6	182.1	195.1	240.0	229.8	200.8	185.1	200.2	188.6	187.8	166.8	193.3
Total (thousands of barrels)	973	1,018	1,083	1,337	1,268	1,108	1,112	1,155	1,024	1,001	1,044	1,067
Texas Gulf coast	10.8	12.5	7.7	8.4	9.0	9.3	7.4	6.8	10.0	7.0	7.4	8.3
Louisiana Gulf coast	27.4	28.9	29.3	28.5	29.6	27.9	29.8	32.9	29.3	28.4	23.2	26.1
1927												
East coast	79.9	90.8	95.8	88.6	92.1	100.3	87.8	75.4	61.6	75.5	77.9	89.5
Appalachian				.4	.5	1.9	2.5	2.5	2.3	1.9	.9	.5
Indiana, Illinois, etc	40.2	41.3	40.6	34.3	33.6	31.3	27.3	24.4	23.2	21.7	20.8	23.9
Oklahoma, Kansas, etc	.9	1.2	1.4	1.7	1.5	1.5	1.4	1.7	1.4	1.4	1.7	1.6
Texas	9.1	10.1	10.0	9.3	7.7	8.1	8.4	8.3	6.4	8.5	8.3	10.9
Louisiana and Arkansas	34.1	33.7	31.0	27.2	22.8	22.9	22.1	18.5	21.3	21.5	26.1	32.7
Rocky Mountain	8.0	7.5	7.1	7.3	9.0	10.0	10.3	10.0	10.7	9.0	9.4	9.4
California	43.2	49.9	49.4	50.7	55.3	56.4	54.3	51.4	50.2	49.9	51.1	52.3
Total	215.4	234.5	235.3	219.5	222.5	232.4	214.1	192.2	177.1	189.4	196.2	220.8
Total (thousands of barrels)	1,189	1,294	1,297	1,174	1,206	1,267	1,188	1,061	985	1,045	1,083	1,223
Texas Gulf coast	9.1	10.1	9.9	9.4	7.7	8.1	8.4	8.3	6.4	8.5	8.3	10.9
Louisiana Gulf coast	32.8	32.0	29.3	27.0	22.4	22.5	22.0	18.3	21.0	21.4	25.6	32.3

Stocks of all other finished products, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December
1926												
East coast	114	122	150	148	217	180	181	175	157	156	132	85
Appalachian	57	53	56	44	46	52	46	49	48	56	41	64
Indiana, Illinois, etc	540	513	519	549	508	377	261	215	186	172	226	273
Oklahoma, Kansas, etc	81	96	98	90	89	61	66	84	105	116	138	163
Texas	11	25	7	6	6	6	7	7	5	8	7	10
Louisiana and Arkansas	45	50	53	69	44	51	34	36	32	40	73	59
Rocky Mountain	1	2	2	3	11	22	24	31	29	28	29	44
California	216	243	332	229	290	261	278	261	273	280	380	402
Total	1,065	1,104	1,217	1,138	1,211	1,010	897	858	835	856	1,026	1,100
Texas Gulf coast	4	4	4	3	4	3	4	5	2	4	4	5
Louisiana Gulf coast	44	49	47	62	40	46	32	33	30	37	70	56
1927												
East coast	88	139	163	164	155	131	123	121	101	99	100	90
Appalachian	89	93	98	85	89	97	110	108	113	107	111	105
Indiana, Illinois, etc	317	359	459	454	407	249	136	130	147	202	323	433
Oklahoma, Kansas, etc	210	243	277	280	273	271	142	64	78	80	83	101
Texas	8	10	8	8	10	9	10	9	9	8	10	10
Louisiana and Arkansas	62	54	48	52	51	40	43	57	50	50	67	143
Rocky Mountain	21	20	17	15	21	24	24	30	26	32	25	23
California	394	364	286	352	362	359	340	360	339	382	404	316
Total	1,189	1,282	1,356	1,410	1,368	1,180	928	879	863	960	1,123	1,221
Texas Gulf coast	4	5	5	5	5	3	3	4	4	3	4	4
Louisiana Gulf coast	59	51	42	44	44	33	38	50	47	49	66	136

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STATISTICS OF THE MID-CONTINENT DISTRICT, 1926 AND 1927

The Mid-Continent district includes the refineries in Missouri, Kansas, Oklahoma, and Arkansas, and in Texas and Louisiana, exclusive of those in the Gulf coast areas of the two last-named States.

Statistics of refineries in the Mid-Continent district, 1926 and 1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
RUNS TO STILLS AND OUTPUT													
1926													
Input:													
Runs to stills of domestic crude petroleum	11,927	10,946	11,742	12,046	13,328	12,800	13,284	13,501	13,368	13,122	12,903	13,229	152,196
Natural gasoline blended	352	357	389	392	434	420	563	510	449	475	475	461	5,277
Output:													
Gasoline	5,362	4,892	5,350	5,488	5,999	5,784	6,014	6,249	6,124	5,942	5,841	5,999	69,044
Kerosene	1,007	855	974	970	1,224	999	943	994	1,027	1,040	1,044	1,134	12,211
Gas oil and fuel oil	5,035	4,574	4,946	4,929	5,366	5,342	5,708	5,697	5,592	5,473	5,333	5,631	63,626
Lubricants	240	209	249	242	263	229	233	224	236	241	231	223	2,820
Wax (thousands of pounds)	3,455	3,437	5,029	5,023	4,542	3,945	4,026	5,114	5,413	4,951	3,792	4,922	53,649
Coke (thousands of short tons)	9.1	8.4	12.7	10.8	12.4	14.3	14.1	16.3	24.6	21.9	24.1	26.9	195.6
Asphalt (thousands of short tons)	2.3	2.4	1.9	2.3	2.2	2.1	2.3	2.8	2.8	2.6	2.6	2.6	28.9
All other finished products	47	43	51	45	48	76	70	58	53	83	74	57	705
Losses	385	411	434	495	490	559	630	669	619	560	591	584	6,427
1927													
Input:													
Runs to stills of domestic crude petroleum	12,824	12,247	12,910	12,675	13,203	13,350	14,151	14,025	13,725	13,518	13,113	13,253	158,994
Natural gasoline blended	460	432	505	456	502	502	540	553	544	563	526	524	6,107
Output:													
Gasoline	5,897	5,696	6,102	5,781	5,972	6,213	6,644	6,810	6,722	6,673	6,286	6,283	75,079
Kerosene	998	968	1,009	978	1,060	947	1,013	1,021	1,033	1,112	1,062	1,066	12,267
Gas oil and fuel oil	5,155	4,904	5,117	5,292	5,488	5,411	5,774	5,601	5,477	5,369	5,363	5,394	64,345
Lubricants	215	204	206	223	280	240	231	239	222	230	238	220	2,748
Wax (thousands of pounds)	4,473	3,891	4,381	4,489	4,394	4,429	3,993	4,046	4,080	4,208	4,242	4,190	50,816
Coke (thousands of short tons)	23.6	24.0	24.9	20.5	21.6	24.6	19.9	26.1	25.5	24.4	24.0	25.1	284.2
Asphalt (thousands of short tons)	2.9	2.4	2.3	2.3	2.3	2.1	1.6	1.7	2.3	1.8	2.3	2.3	26.3
All other finished products	66	90	67	68	64	83	93	83	80	66	66	75	901
Losses	582	530	602	526	645	666	678	710	644	618	542	584	7,327

Statistics of refineries in Mid-Continent district, 1926 and 1927—Continued

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
STOCKS													
1926													
Domestic crude petroleum	5,219	5,267	4,988	5,728	5,814	5,509	4,786	4,614	3,930	3,860	4,138	4,479	
Unfinished oils	2,756	2,719	2,547	2,732	2,866	3,054	3,173	3,612	3,820	3,845	3,652	3,908	
Gasoline	4,253	4,675	4,799	4,657	4,293	4,070	3,432	3,205	3,109	3,008	3,136	3,592	
Kerosene	705	581	601	489	606	787	690	667	743	953	1,104	1,289	
Gas oil and fuel oil	5,704	5,379	5,157	4,854	5,395	5,810	6,751	7,055	7,374	7,308	7,212	6,704	
Lubricants	511	520	499	488	496	463	436	421	437	424	455	458	
Wax (thousands of pounds)	4,158	3,094	3,886	3,336	3,465	5,366	5,886	5,790	6,620	7,653	9,364	9,157	
Coke (thousands of short tons)	28.2	24.2	32.2	28.5	30.0	30.6	33.3	36.0	41.7	46.5	44.7	51.2	
Asphalt (thousands of short tons)	.8	1.1	.9	1.3	1.4	1.9	1.8	1.9	1.8	1.9	3.5	2.1	
All other finished products	89	118	107	100	95	69	71	89	110	123	144	171	
1927													
Domestic crude petroleum	4,782	5,231	5,479	5,503	5,917	6,148	6,332	6,311	6,512	6,929	7,037	6,711	
Unfinished oils	4,140	3,967	3,726	3,589	3,525	3,525	3,758	3,764	3,911	3,800	3,566	3,853	
Gasoline	4,408	5,237	5,528	5,595	5,367	4,604	3,992	3,342	2,581	3,122	3,320	3,753	
Kerosene	1,075	1,177	1,091	1,131	949	996	1,059	911	801	593	670	717	
Gas oil and fuel oil	5,995	5,939	6,191	6,278	6,588	6,824	7,423	7,741	7,906	8,302	8,315	7,489	
Lubricants	474	523	518	483	501	485	456	452	427	476	523	578	
Wax (thousands of pounds)	9,627	8,115	7,182	8,254	9,211	8,866	8,880	8,333	6,358	4,968	5,196	2,990	
Coke (thousands of short tons)	46.1	48.3	56.4	54.9	54.5	56.6	65.9	66.5	67.3	70.9	74.1	73.9	
Asphalt (thousands of short tons)	2.1	2.9	3.2	1.8	1.9	1.9	1.5	1.9	1.7	1.5	2.2	2.0	
All other finished products	217	251	286	291	285	284	154	76	86	86	90	114	

OUTPUT OF MOTOR FUEL, 1926 AND 1927

Indicated total output of motor fuel, 1926 and 1927

[Expressed in thousands of barrels of 42 United States gallons and thousands of United States gallons]

		January	February	March	April	May	June	July	August	September	October	November	December	Total
1926														
Gasoline produced by straight run methods at refineries	bbls.	14,164	12,796	14,315	14,629	15,195	14,934	15,281	15,462	15,253	15,299	15,072	15,902	178,302
	gals.	594,888	537,432	601,230	614,418	638,190	627,228	641,802	649,404	640,626	642,558	633,024	667,884	7,488,684
Gasoline produced by the cracking process at refineries	bbls.	6,819	6,339	7,051	7,309	7,832	7,880	8,079	8,218	7,999	8,580	8,658	8,972	93,736
	gals.	286,398	266,238	296,142	306,978	328,944	330,960	339,318	345,156	335,958	360,360	363,636	376,824	3,936,912
Natural gasoline blended at refineries	bbls.	1,976	1,896	2,245	2,103	1,965	1,850	1,855	1,991	1,843	2,167	2,220	2,288	24,399
	gals.	82,992	79,632	94,290	88,326	82,530	77,700	77,910	83,622	77,406	91,014	93,240	96,096	1,024,758
Natural gasoline run to stills via pipe lines in California	bbls.	249	228	257	255	279	282	289	271	265	291	295	336	3,297
	gals.	10,458	9,576	10,794	10,710	11,718	11,844	12,138	11,382	11,130	12,222	12,390	14,112	138,474
Natural gasoline blended at plants [1]	bbls.	48	46	55	51	48	59	61	60	63	62	62	70	685
	gals.	2,016	1,932	2,310	2,142	2,016	2,478	2,562	2,520	2,646	2,604	2,604	2,940	28,770
Natural gasoline sold direct to jobbers [2]	bbls.	20	19	20	19	20	20	20	20	20	20	20	20	238
	gals.	840	798	840	798	840	840	840	840	840	840	840	840	9,996
Benzol production [3]	bbls.	181	166	179	171	176	171	179	179	174	181	179	176	2,112
	gals.	7,602	6,972	7,518	7,182	7,392	7,182	7,518	7,518	7,308	7,602	7,518	7,392	88,704
Total	bbls.	23,457	21,490	24,122	24,537	25,515	25,196	25,764	26,201	25,617	26,600	26,506	27,764	302,769
	gals.	985,194	902,580	1,013,124	1,030,554	1,071,630	1,058,232	1,082,088	1,100,442	1,075,914	1,117,200	1,113,252	1,166,088	12,716,298
Daily average	bbls.	757	768	778	818	823	840	831	845	854	858	884	896	830
	gals.	31,780	32,235	32,681	34,352	34,569	35,274	34,906	35,498	35,864	36,039	37,108	37,616	34,839
1927														
Gasoline produced by straight run methods at refineries	bbls.	16,430	14,557	16,451	16,299	16,364	16,199	17,043	16,999	16,718	16,910	16,660	16,417	197,047
	gals.	690,060	611,394	690,942	684,558	687,288	680,358	715,806	713,958	702,156	710,220	699,720	689,514	8,275,974
Gasoline produced by the cracking process at refineries	bbls.	8,874	7,979	8,704	7,663	7,714	7,957	8,355	8,482	8,314	9,035	8,981	9,168	101,226
	gals.	372,708	335,118	365,568	321,846	323,988	334,194	350,910	356,244	349,188	379,470	377,202	385,056	4,251,492
Natural gasoline blended at refineries	bbls.	2,250	2,160	2,353	2,263	2,312	1,990	2,366	2,322	2,473	2,725	2,760	2,818	28,792
	gals.	94,500	90,720	98,826	95,046	97,104	83,580	99,372	97,524	103,866	114,450	115,920	118,356	1,209,264
Natural gasoline run to stills via pipe lines in California	bbls.	345	315	341	340	390	325	276	205	203	209	205	216	3,370
	gals.	14,490	13,230	14,322	14,280	16,380	13,650	11,592	8,610	8,526	8,778	8,610	9,072	141,540
Natural gasoline blended at plants [1]	bbls.	62	55	59	74	77	79	76	76	62	73	64	67	824
	gals.	2,604	2,310	2,478	3,108	3,234	3,318	3,192	3,192	2,604	3,066	2,688	2,814	34,608
Natural gasoline sold direct to jobbers [2]	bbls.	19	19	19	19	19	19	19	19	19	19	19	19	228
	gals.	798	798	798	798	798	798	798	798	798	798	798	798	9,576
Benzol production [3]	bbls.	216	200	226	216	222	210	215	214	210	217	204	212	2,562
	gals.	9,072	8,400	9,492	9,072	9,324	8,820	9,030	8,988	8,820	9,114	8,568	8,904	107,604
Total	bbls.	28,196	25,285	28,153	26,874	27,098	26,779	28,350	28,317	27,999	29,188	28,893	28,917	334,049
	gals.	1,184,232	1,061,970	1,182,426	1,128,708	1,138,116	1,124,718	1,190,700	1,189,314	1,175,958	1,225,896	1,213,506	1,214,514	14,030,058
Daily average	bbls.	910	903	908	896	847	893	915	913	933	942	963	933	915
	gals.	38,201	37,928	38,143	37,624	36,713	37,491	38,410	38,365	39,199	39,545	40,450	39,178	38,439

[1] East of California.

[2] Estimated.

[3] Estimated with production of by-product of coke as a basis.

GASOLINE PRODUCTION, BY METHOD OF MANUFACTURE, 1926 AND 1927

Gasoline production in 1926 and 1927, divided as to method of manufacture

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Straight run:													
East coast	1,843	1,589	1,863	1,876	1,952	2,042	2,219	2,038	2,023	2,344	2,327	2,430	24,546
Appalachian	619	641	675	652	704	679	708	737	717	728	693	691	8,244
Indiana, Illinois, etc	1,581	1,442	1,670	1,568	1,684	1,629	1,802	1,732	1,709	1,694	1,676	1,747	19,934
Oklahoma, Kansas, etc	2,638	2,355	2,478	2,621	2,975	2,788	2,775	2,822	2,910	2,714	2,691	2,712	32,479
Texas	2,632	2,394	2,576	2,836	2,528	2,844	2,739	2,771	2,807	2,946	2,771	3,133	32,977
Louisiana and Arkansas	908	933	913	915	885	937	928	986	863	849	881	943	10,941
Rocky Mountain	616	620	672	706	750	685	681	751	732	750	692	707	8,362
California	3,327	2,822	3,468	3,455	3,717	3,330	3,429	3,625	3,492	3,274	3,341	3,539	40,819
Total	14,164	12,796	14,315	14,629	15,195	14,934	15,281	15,462	15,253	15,299	15,072	15,902	178,302
Per cent of total gasoline production	61	60.2	60	60.2	60.1	59.9	59.9	59.6	60.2	58.1	57.4	57.8	59.5
Texas and Louisana Gulf coasts	2,556	2,362	2,479	2,733	2,288	2,752	2,669	2,683	2,585	2,706	2,634	2,970	31,417
Cracking:													
East coast	1,296	1,149	1,346	1,315	1,550	1,503	1,623	1,503	1,493	1,564	1,669	1,815	17,826
Appalachian	246	249	266	259	288	241	237	285	274	283	272	257	3,157
Indiana, Illinois, etc	1,304	1,338	1,288	1,584	1,657	1,662	1,675	1,628	1,635	1,698	1,700	1,561	18,730
Oklahoma, Kansas, etc	1,107	972	1,127	1,139	1,203	1,214	1,289	1,471	1,317	1,284	1,313	1,355	14,791
Texas	1,933	1,699	1,918	1,933	1,986	2,054	2,069	2,203	2,127	2,163	2,238	2,335	24,658
Louisana and Arkansas	423	413	498	491	513	544	577	517	518	644	566	583	6,287
Rocky Mountain	506	509	606	588	629	645	590	611	578	626	570	573	7,031
California	4	10	2	----------	6	17	19	----------	57	318	330	493	1,256
Total	6,819	6,339	7,051	7,309	7,832	7,880	8,079	8,218	7,999	8,580	8,658	8,972	93,736
Per cent of total gasoline production	29.4	29.8	29.5	30.1	31	31.6	31.7	31.7	31.5	32.6	33	32.6	31.3
Texas and Louisiana Gulf coasts	2,075	1,869	2,070	2,106	2,237	2,265	2,257	2,348	2,282	2,427	2,460	2,553	26,949
Natural gasoline:													
East coast	486	431	591	473	258	204	198	222	185	157	296	269	3,770
Appalachian	84	64	85	69	58	55	56	56	54	70	86	93	830
Indiana, Illinois, etc	117	128	141	123	117	120	110	119	128	111	160	143	1,517
Oklahoma, Kansas, etc	250	239	278	267	310	280	405	368	311	329	346	318	3,701
Texas	413	424	378	380	387	408	361	354	366	470	418	565	4,924
Louisiana and Arkansas	185	249	283	327	367	356	371	381	371	387	375	359	4,011

Rocky Mountain	52	56	79	79	83	87	77	99	98	97	83	67	957
California	638	533	667	640	664	622	566	663	595	837	751	810	7,986
Total	2,225	2,124	2,502	2,358	2,244	2,132	2,144	2,262	2,108	2,458	2,515	2,624	27,696
Per cent of total gasoline production	9.6	10	10.5	9.7	8.9	8.5	8.4	8.7	8.3	9.3	9.6	9.6	9.2
Texas and Louisiana Gulf coasts	496	555	550	582	630	624	574	593	599	711	664	781	7,359
Total gasoline production:													
East coast	3,625	3,169	3,800	3,664	3,760	3,749	4,040	3,763	3,701	4,065	4,292	4,514	46,142
Appalachian	949	954	1,026	980	1,050	975	1,001	1,078	1,045	1,081	1,051	1,041	12,231
Indiana, Illinois, etc	3,002	2,908	3,099	3,275	3,458	3,411	3,587	3,479	3,472	3,503	3,536	3,451	40,181
Oklahoma, Kansas, etc	3,995	3,566	3,883	4,027	4,488	4,282	4,469	4,661	4,538	4,327	4,350	4,385	50,971
Texas	4,978	4,517	4,872	5,149	4,901	5,306	5,169	5,328	5,300	5,579	5,427	6,033	62,559
Louisiana and Arkansas	1,516	1,595	1,694	1,733	1,765	1,837	1,876	1,884	1,752	1,880	1,822	1,885	21,239
Rocky Mountain	1,174	1,185	1,357	1,373	1,462	1,417	1,348	1,461	1,408	1,473	1,345	1,347	16,350
California	3,969	3,365	4,137	4,095	4,387	3,969	4,014	4,288	4,144	4,429	4,422	4,842	50,061
Total	23,208	21,259	23,868	24,296	25,271	24,946	25,504	25,942	25,360	26,337	26,245	27,498	299,734
Texas and Louisiana Gulf coasts	5,127	4,786	5,099	5,421	5,155	5,641	5,500	5,624	5,466	5,844	5,758	6,304	65,725
1927													
Straight run:													
East coast	2,240	2,043	2,660	2,509	2,467	2,522	2,449	2,500	2,388	2,530	2,564	2,524	29,396
Appalachian	720	681	734	727	719	739	718	771	753	801	743	756	8,862
Indiana, Illinois, etc	1,724	1,441	1,850	1,693	1,960	2,013	2,176	2,027	1,851	1,942	2,053	2,108	22,838
Oklahoma, Kansas, etc	2,715	2,542	2,709	2,706	2,785	2,826	3,054	3,194	3,134	2,956	2,725	2,680	34,026
Texas	3,433	2,806	3,146	3,081	3,053	2,891	2,993	2,922	2,768	2,988	3,338	3,046	36,465
Louisiana and Arkansas	1,108	870	1,018	1,006	979	910	1,063	1,027	1,067	1,084	1,027	1,003	12,162
Rocky Mountain	713	667	737	760	532	608	664	551	495	582	589	608	7,506
California	3,777	3,507	3,597	3,817	3,869	3,690	3,926	4,007	4,262	4,027	3,621	3,692	45,792
Total	16,430	14,557	16,451	16,299	16,364	16,199	17,043	16,999	16,718	16,910	16,660	16,417	197,047
Per cent of total gasoline production	58.9	58.2	59.1	61.4	61.1	61.2	60.8	60.7	60.3	58.6	58.2	57.4	59.6
Texas and Louisiana Gulf coasts	3,518	2,627	3,030	3,016	2,928	2,593	2,877	2,784	2,681	2,926	3,162	2,925	35,067
Cracking:													
East coast	1,735	1,593	1,586	1,250	1,292	1,155	1,339	1,400	1,367	1,564	1,525	1,577	17,383
Appalachian	245	236	245	239	244	215	229	256	259	250	269	295	2,982
Indiana, Illinois, etc	1,547	1,279	1,509	1,338	1,508	1,545	1,658	1,617	1,585	1,693	1,814	1,835	18,928
Oklahoma, Kansas, etc	1,337	1,319	1,403	1,202	1,253	1,303	1,493	1,490	1,521	1,584	1,481	1,554	16,940
Texas	2,405	2,111	2,371	2,347	2,312	2,512	2,454	2,565	2,474	2,487	2,338	2,306	28,682
Louisiana and Arkansas	585	578	610	435	480	547	584	629	626	678	548	565	6,865
Rocky Mountain	646	553	608	549	388	483	441	286	291	413	506	495	5,659
California	374	310	372	303	237	197	157	239	191	366	500	541	3,787
Total	8,874	7,979	8,704	7,663	7,714	7,957	8,355	8,482	8,314	9,035	8,981	9,168	101,226
Per cent of total gasoline production	31.8	31.9	31.2	28.8	28.8	30.1	29.8	30.3	30.0	31.3	31.4	32.0	30.7
Texas and Louisiana Gulf coasts	2,628	2,335	2,630	2,436	2,464	2,686	2,660	2,786	2,731	2,741	2,535	2,470	31,102

Gasoline production in 1926 and 1927, divided as to method of manufacture—Continued

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1927—Continued													
Natural gasoline:													
East coast	331	377	290	202	141	125	127	121	129	198	160	267	2,468
Appalachian	88	77	75	60	46	45	50	55	53	59	63	66	737
Indiana, Illinois, etc	133	121	131	162	152	158	175	157	133	185	184	225	1,916
Oklahoma, Kansas, etc	319	309	358	313	350	363	366	368	381	397	369	356	4,249
Texas	493	413	482	453	589	354	485	532	636	589	557	546	6,129
Louisiana and Arkansas	396	353	411	422	442	387	443	454	398	439	419	415	4,979
Rocky Mountain	73	73	88	93	93	92	91	112	121	109	114	89	1,148
California	762	752	859	898	889	791	905	728	825	958	1,099	1,070	10,536
Total	2,595	2,475	2,694	2,603	2,702	2,315	2,642	2,527	2,676	2,934	2,965	3,034	32,162
Per cent of total gasoline production	9.3	9.9	9.7	9.8	10.1	8.7	9.4	9.0	9.7	10.1	10.4	10.6	9.7
Texas and Louisiana Gulf coasts	748	643	746	732	879	601	754	801	871	862	819	793	9,249
Total gasoline production:													
East coast	4,306	4,013	4,536	3,961	3,900	3,802	3,915	4,021	3,884	4,292	4,249	4,368	49,247
Appalachian	1,053	994	1,054	1,026	1,009	999	997	1,082	1,065	1,110	1,075	1,117	12,581
Indiana, Illinois, etc	3,404	2,841	3,490	3,193	3,620	3,716	4,009	3,801	3,569	3,820	4,051	4,168	43,682
Oklahoma, Kansas, etc	4,371	4,170	4,470	4,221	4,388	4,492	4,913	5,052	5,036	4,937	4,575	4,590	55,215
Texas	6,331	5,330	5,999	5,881	5,954	5,757	5,932	6,019	5,878	6,064	6,233	5,898	71,276
Louisiana and Arkansas	2,089	1,801	2,039	1,863	1,901	1,844	2,090	2,110	2,091	2,201	1,994	1,983	24,006
Rocky Mountain	1,432	1,293	1,433	1,402	1,013	1,183	1,196	949	907	1,104	1,209	1,192	14,313
California	4,913	4,569	4,828	5,018	4,995	4,678	4,988	4,974	5,278	5,351	5,220	5,303	60,115
Total	27,899	25,011	27,849	26,565	26,780	26,471	28,040	28,008	27,708	28,879	28,606	28,619	330,435
Texas Gulf coast	5,217	4,196	4,763	4,700	4,769	4,429	4,633	4,726	4,645	4,789	4,917	4,628	56,412
Louisiana Gulf coast	1,677	1,409	1,643	1,484	1,502	1,451	1,658	1,645	1,638	1,740	1,599	1,560	19,006

GASOLINE PRODUCTION, BY STATES, 1926 AND 1927

Gasoline production, by States, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

State	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Arkansas	126	122	132	160	136	135	156	162	166	187	184	170	1,836
California [1]	3,969	3,365	4,137	4,095	4,387	3,969	4,014	4,288	4,144	4,429	4,422	4,842	50,061
Colorado	17	27	21	36	29	32	26	24	26	31	35	36	340
Illinois	1,071	1,021	1,128	1,276	1,400	1,387	1,441	1,517	1,448	1,398	1,421	1,502	16,010
Indiana	1,447	1,461	1,449	1,491	1,506	1,484	1,548	1,451	1,488	1,591	1,610	1,474	18,000
Kansas	1,219	1,121	1,309	1,301	1,475	1,426	1,528	1,634	1,534	1,342	1,439	1,350	16,678
Kentucky	89	96	150	169	170	177	199	186	180	168	151	122	1,857
Louisiana	1,390	1,473	1,562	1,573	1,629	1,702	1,720	1,722	1,586	1,693	1,638	1,715	19,403
Maryland	241	253	224	279	301	254	285	367	321	308	355	373	3,561
Massachusetts	320	258	283	330	377	320	360	316	299	299	281	315	3,758
Missouri	204	178	215	236	251	239	249	244	224	241	234	245	2,760
Montana	58	58	65	68	70	75	75	88	77	93	79	53	859
New Jersey	1,889	1,670	1,994	1,717	1,738	1,793	1,882	1,636	1,654	1,860	2,048	2,219	22,100
New Mexico	5	20	29	28	31	26	27	33	26	25	24	26	300
New York	287	283	299	288	311	295	303	323	329	348	292	302	3,660
Ohio	559	499	558	532	583	552	607	544	560	556	566	568	6,684
Oklahoma	2,572	2,267	2,359	2,490	2,762	2,617	2,692	2,783	2,780	2,744	2,677	2,790	31,533
Pennsylvania	1,338	1,184	1,496	1,450	1,481	1,482	1,598	1,578	1,553	1,716	1,726	1,715	18,317
Texas	4,978	4,517	4,872	5,149	4,901	5,306	5,169	5,328	5,300	5,579	5,427	6,033	62,559
West Virginia	116	116	133	136	147	124	136	147	128	128	140	130	1,581
Wyoming	1,025	1,004	1,157	1,156	1,241	1,191	1,135	1,222	1,190	1,241	1,121	1,142	13,825
Other States [2]	219	190	211	251	254	267	269	255	258	277	289	286	3,026
Do. [3]	69	76	85	85	91	93	85	94	89	83	86	90	1,026
Total	23,208	21,259	23,868	24,296	25,271	24,946	25,504	25,942	25,360	26,337	26,245	27,498	299,734

[1] Includes Washington.

[2] Combined total for Rhode Island, Georgia, and South Carolina.

[3] Arizona and Utah.

Gasoline production, by States, 1926 and 1927—Continued

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1927													
Arkansas	179	167	165	143	149	145	157	192	184	153	107	138	1,879
California [1]	4,913	4,569	4,828	5,018	4,995	4,678	4,988	4,974	5,278	5,351	5,220	5,303	60,115
Colorado	41	10	45	46	35	43	62	43	36	37	32	36	466
Illinois	1,418	1,210	1,452	1,136	1,302	1,416	1,486	1,427	1,331	1,462	1,454	1,501	16,595
Indiana	1,502	1,213	1,584	1,636	1,772	1,763	2,024	1,793	1,760	1,924	2,095	2,178	21,244
Kansas	1,308	1,310	1,367	1,247	1,436	1,437	1,592	1,670	1,528	1,524	1,490	1,416	17,325
Kentucky	125	69	78	76	148	122	100	99	92	82	75	71	1,137
Louisiana	1,910	1,634	1,874	1,720	1,752	1,699	1,933	1,918	1,907	2,048	1,887	1,845	22,127
Maryland	394	289	278	309	322	353	316	309	281	351	362	443	4,007
Massachusetts	312	300	407	338	325	336	336	392	355	400	333	465	4,299
Montana	51	50	47	64	64	59	67	80	81	98	67	53	781
New Jersey	2,070	2,003	2,293	1,818	1,747	1,683	1,694	1,739	1,692	1,897	1,887	1,911	22,434
New Mexico	23	22	23	21	26	25	36	33	27	27	27	30	320
New York	299	283	308	295	319	317	302	318	314	319	314	291	3,679
Ohio	567	553	586	579	604	629	651	717	612	597	661	645	7,401
Oklahoma	2,819	2,646	2,870	2,750	2,728	2,834	3,083	3,177	3,302	3,178	2,837	2,920	35,144
Pennsylvania	1,669	1,595	1,690	1,642	1,617	1,553	1,633	1,679	1,657	1,778	1,833	1,769	20,115
Texas	6,331	5,330	5,999	5,881	5,954	5,757	5,932	6,019	5,878	6,064	6,233	5,898	71,276
West Virginia	132	135	150	139	139	142	132	140	138	150	148	159	1,704
Wyoming	1,219	1,134	1,224	1,181	802	972	942	702	667	831	979	971	11,624
Other States [2]	275	198	254	212	234	203	247	291	286	262	213	216	2,891
Do. [3]	98	77	94	90	86	84	89	91	96	111	104	102	1,122
Do. [4]	244	214	233	224	224	221	238	205	206	235	248	258	2,750
Total	27,899	25,011	27,849	26,565	26,780	26,471	28,040	28,008	27,708	28,879	28,606	28,619	330,435

[1] Includes Washington. [2] Combined total for Rhode Island, Georgia, and South Carolina. [3] Arizona and Utah. [4] Missouri, Nebraska, and Iowa.

GASOLINE CONSUMPTION, BY STATES, 1926 AND 1927

Consumption of gasoline in the United States, by States which have gasoline taxes or inspection laws, 1926 and 1927 [1]

[Thousands of gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Alabama	8,416	8,519	9,441	10,599	11,102	10,682	12,304	11,960	11,467	11,450	10,910	11,082	127,932
Arizona	2,261	2,379	2,474	2,518	2,711	2,869	2,846	2,774	2,846	2,896	3,014	3,021	32,609
Arkansas	7,927	6,755	6,978	8,266	9,463	8,409	8,963	8,973	9,379	9,613	7,210	8,172	100,108
California [2]			199,495			228,400			244,915			233,078	905,888
Colorado	6,550	6,536	7,540	8,719	9,831	10,170	11,460	12,612	11,839	9,938	9,083	8,102	112,380
Connecticut	7,446	5,739	8,440	10,155	12,580	13,284	15,047	14,402	13,318	12,366	11,890	9,802	134,469
Delaware	680	1,542	1,286	1,031	2,594	1,776	1,819	2,144	1,418	2,407	1,831	1,465	19,993
District of Columbia	3,417	3,156	3,908	4,269	4,688	4,573	4,802	4,571	4,454	4,537	4,408	4,218	51,001
Florida	26,741	25,913	28,162	25,206	24,279	22,234	22,176	21,173	20,538	22,322	23,092	25,135	286,971
Georgia	13,433	11,498	12,221	13,734	14,962	13,639	13,840	16,130	15,550	15,151	15,226	14,820	170,204
Idaho	1,876	1,641	2,547	2,959	3,457	4,015	4,569	4,765	4,248	3,745	3,213	2,385	39,420
Indiana	20,556	15,484	20,314	20,590	23,819	28,616	29,318	31,600	32,222	29,259	28,582	25,624	305,984
Iowa	14,938	14,171	16,138	20,703	23,426	23,761	26,320	27,439	23,844	23,722	19,593	16,949	251,004
Kansas	14,123	14,061	18,659	17,164	20,526	23,819	29,270	25,986	22,569	18,685	18,473	17,482	240,817
Kentucky	6,166	6,561	6,230	7,826	10,005	9,678	10,987	10,784	10,216	9,269	8,821	7,306	103,849
Louisiana	11,179	15,133	12,207	11,955	12,193	13,902	12,787	14,238	12,574	13,214	13,969	12,996	156,347
Maine	1,596	1,106	1,140	2,143	5,762	7,420	9,454	9,843	8,366	7,104	5,334	2,884	62,152
Maryland	6,823	6,085	8,138	9,777	10,740	11,285	12,060	11,504	11,438	10,601	10,123	9,302	117,876
Michigan	30,507	30,062	33,095	38,710	50,028	51,197	57,584	58,685	53,257	50,037	45,696	39,048	537,906
Minnesota	15,450	13,964	13,728	21,325	26,513	25,943	30,492	29,521	27,556	25,612	20,418	15,625	266,147
Mississippi	6,619	6,988	8,501	7,581	9,066	8,773	10,395	10,127	9,886	10,157	8,863	8,931	105,887
Missouri	17,961	17,224	20,918	24,401	25,624	27,698	29,721	29,727	26,112	24,521	23,675	22,167	289,749
Montana [2]			7,822			12,609			16,657			11,524	48,612
Nebraska	9,938	11,496	11,585	12,853	13,028	13,860	14,567	15,047	14,457	15,398	12,110	11,231	155,570
Nevada	531	546	745	790	962	1,088	1,158	1,191	1,096	1,009	904	820	10,840
New Hampshire	1,450	1,016	1,195	1,838	3,686	4,295	5,367	5,791	4,789	3,945	3,207	2,343	38,922
New Mexico	1,474	1,493	1,619	1,852	2,217	2,071	2,417	2,571	2,448	2,319	2,280	1,996	24,757
North Carolina	15,916	14,672	13,482	14,062	14,519	17,310	16,611	16,496	18,195	18,220	17,518	17,661	194,662
North Dakota	4,295	4,210	5,088	6,662	7,573	6,585	6,832	9,743	9,567	7,869	4,823	2,724	75,971
Ohio	39,711	37,733	45,142	53,059	64,455	64,639	71,738	69,490	66,408	60,567	56,382	50,833	680,157
Oklahoma	16,783	14,817	14,774	15,380	15,499	18,518	18,800	22,218	20,972	19,686	17,835	19,081	214,363
Oregon	6,449	6,371	8,802	9,372	9,995	11,367	13,071	12,763	11,653	10,681	9,466	8,502	118,492
Pennsylvania [2]			115,775			146,846			184,956			140,802	588,379
Rhode Island	3,136	2,663	3,628	4,226	5,287	5,237	6,154	5,919	5,270	4,891	4,631	4,181	55,223
South Carolina	7,940	6,789	6,720	7,255	7,840	7,409	8,141	8,389	6,860	8,658	8,182	7,637	91,820
South Dakota	4,232	3,953	6,188	6,527	7,643	6,732	7,231	8,498	7,647	7,343	5,418	4,065	75,477
Tennessee	7,965	7,720	9,441	10,045	10,900	11,415	12,803	13,262	12,628	11,702	11,215	10,035	129,131

[1] From American Petroleum Institute.

[2] Reported quarterly.

Consumption of gasoline in the United States, by States which have gasoline taxes or inspection laws, 1926 and 1927 [1]—Continued

[Thousands of gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926—Continued													
Texas	33,139	35,962	35,837	39,022	43,014	45,011	49,304	50,658	48,985	45,729	44,985	42,995	514,641
Utah	2,495	2,015	2,355	2,767	3,741	3,610	2,609	3,993	3,714	3,187	2,918	2,512	35,916
Vermont	826	690	681	976	2,544	3,255	3,905	4,086	3,596	3,098	2,431	1,567	27,655
Virginia	8,588	7,900	9,689	11,627	12,509	12,961	14,181	14,257	14,009	12,848	12,599	11,698	142,866
Washington	10,268	11,126	14,273	15,083	16,087	17,560	19,065	19,032	17,465	16,133	14,916	14,029	185,037
West Virginia	3,578	3,456	4,413	6,447	8,774	8,517	9,894	9,601	9,418	8,345	7,393	5,910	85,746
Wisconsin	13,083	11,598	12,771	19,828	25,240	28,704	32,496	31,970	28,200	26,712	21,342	16,738	268,682
Wyoming	975	1,050	1,263	2,225	2,235	2,203	2,780	2,896	2,314	2,133	1,684	1,421	23,179
1927													
Alabama	9,276	9,437	10,915	11,453	12,462	12,298	13,599	14,170	13,665	14,091	13,358	12,501	147,225
Arizona	2,626	2,595	2,812	3,017	3,061	3,175	3,230	3,528	4,068	4,283	4,321	4,521	41,237
Arkansas	7,156	6,493	6,280	6,208	8,900	8,745	9,020	9,596	11,641	7,969	9,170	8,216	99,394
California [2]			218,816			270,333			273,754			254,778	1,017,681
Colorado	8,157	7,482	7,813	14,814	8,590	11,338	13,912	13,906	13,004	10,844	10,352	8,972	129,184
Connecticut	8,121	7,717	10,063	12,863	14,474	15,299	17,139	16,972	15,891	15,091	13,917	12,406	159,953
Delaware	1,179	1,589	1,716	1,807	1,476	3,016	2,284	2,593	2,411	2,089	2,167	1,946	24,273
District of Columbia	3,879	3,619	4,422	4,841	5,313	5,495	5,260	5,090	5,073	5,223	4,839	4,750	57,804
Florida	24,175	22,814	23,896	21,891	20,808	20,677	17,428	18,871	19,682	17,289	19,398	21,022	247,951
Georgia	16,370	12,486	12,412	15,609	16,771	15,143	16,507	17,116	17,433	18,075	17,250	17,090	192,262
Idaho	1,430	1,944	2,231	3,084	3,671	4,194	4,927	5,379	4,691	4,559	3,565	2,668	42,343
Illinois [3]								61,343	69,984	66,325	59,564	55,184	
Indiana	22,576	19,394	19,457	25,256	27,793	31,643	33,020	35,094	36,886	34,703	33,738	30,435	349,995
Iowa	16,847	15,249	18,381	42,049	25,381	25,363	35,075	28,751	29,405	27,515	25,432	19,650	309,098
Kansas	16,619	16,075	19,687	14,419	23,818	28,024	31,847	28,029	28,307	23,096	21,512	19,182	270,615
Kentucky	6,103	6,046	7,484	8,585	10,299	10,831	12,298	12,852	12,292	11,745	10,384	9,354	118,273
Louisiana	11,672	10,640	11,785	12,440	12,346	11,751	12,884	13,625	13,737	14,117	13,414	13,194	151,605
Maine	1,617	1,642	1,947	4,463	6,933	8,767	10,325	11,244	9,513	8,163	6,282	3,842	74,738
Maryland	7,831	7,406	11,274	9,408	11,111	12,072	13,009	13,480	13,033	12,008	10,916	9,952	131,500
Michigan	34,180	32,243	40,703	47,404	51,836	58,536	65,157	72,397	58,744	63,616	37,216	31,340	593,372
Minnesota	12,148	14,627	19,728	22,077	25,937	29,754	31,909	34,757	31,831	27,515	24,888	14,515	289,686
Mississippi	8,336	7,499	8,241	8,923	9,094	9,321	10,989	11,608	11,129	11,203	11,028	10,385	117,756
Missouri	19,783	18,764	23,091	31,058	28,153	28,054	29,703	31,025	32,122	27,982	27,767	24,717	322,219
Montana [2]			5,300			11,716			18,153			18,079	53,248
Nebraska	10,869	10,386	11,302	11,741	14,867	14,709	17,831	18,519	16,908	15,457	14,478	12,610	169,677
Nevada	618	659	925	907	1,047	1,272	1,579	1,312	1,331	1,122	1,018	930	12,720
New Hampshire	1,449	1,319	1,757	3,587	3,788	4,818	5,797	6,345	5,257	4,586	3,766	3,253	45,722
New Jersey [3]							33,305	38,356	36,728	33,837	31,752	30,165	

New Mexico	2,013	1,985	1,903	2,348	2,543	2,763	2,861	3,098	2,762	2,980	2,847	2,551	30,654
North Carolina	16,291	16,441	14,928	13,715	16,552	20,302	18,645	18,916	20,403	21,834	21,053	20,503	219,583
North Dakota	2,276	4,254	4,296	6,324	7,059	8,884	8,507	12,445	15,246	11,119	5,941	2,290	88,641
Ohio	41,631	43,041	54,046	64,460	75,841	69,232	77,973	76,926	75,620	71,274	62,721	58,036	770,801
Oklahoma	16,455	15,762	18,934	19,147	21,645	23,078	24,435	23,682	23,539	22,032	21,228	21,525	251,462
Oregon	6,564	6,973	8,974	10,469	11,337	12,375	14,505	14,946	13,029	11,944	10,291	9,478	130,885
Pennsylvania [2]			131,456			173,629			204,325			182,147	691,557
Rhode Island	3,576	3,182	4,109	4,976	6,406	5,218	6,509	6,615	5,759	5,367	4,984	4,735	61,436
South Carolina	6,551	6,379	7,421	8,173	8,415	8,320	9,114	9,633	9,419	9,627	9,665	9,055	101,772
South Dakota	5,135	4,572	6,791	5,158	6,915	8,895	8,047	11,517	11,309	8,448	7,403	3,841	88,031
Tennessee	9,156	8,235	10,299	11,667	13,009	13,161	14,451	14,988	14,557	14,041	12,932	12,456	148,952
Texas	41,961	38,413	45,803	45,092	49,185	50,100	53,255	56,342	52,520	53,660	54,131	50,985	591,447
Utah	2,630	2,025	2,360	3,511	3,594	4,112	4,699	4,285	4,059	4,388	3,227	2,884	41,774
Vermont	888	877	1,225	2,252	3,622	3,310	4,228	4,727	4,071	3,643	2,378	1,946	33,167
Virginia	9,252	9,504	11,783	13,184	14,380	15,070	16,099	17,043	16,414	15,703	14,405	13,945	166,782
Washington	11,205	12,310	14,433	16,870	17,803	19,045	21,119	22,140	19,341	17,920	16,252	14,983	203,421
West Virginia	4,375	4,526	6,186	7,552	8,795	10,270	11,327	11,367	11,296	10,641	9,076	7,244	102,655
Wisconsin	12,887	13,820	18,046	24,351	29,200	32,615	36,037	37,614	33,090	30,790	26,000	19,136	313,586
Wyoming	1,394	1,282	1,433	1,611	2,113	2,771	3,387	3,217	2,749	2,437	2,070	1,754	26,218

[1] From American Petroleum Institute.

[2] Reported quarterly.

[3] Gasoline taxes enacted during year.

AUTOMOBILE REGISTRATIONS AND GASOLINE TAXES, BY STATES, 1926 AND 1927

Automobile registrations and gasoline taxes, by States, 1926 and 1927 [1]

State	Motor cars and trucks registered		Per cent increase registrations 1927 over 1926	Average registrations 1927 [3]	Tax, cents per gallon, Dec. 31, 1927	Net gallons taxed and used by motor vehicles, 1927	Estimated additional gallons (not taxed) used by motor vehicles, 1927	Average consumption per motor vehicle, 1927	Net total tax receipts from motor fuel, 1927	Gross receipts from registrations fees, licenses, and fines, 1927
	Dec. 31, 1927 [2]	Dec. 31, 1926 [2]								
Alabama	243,539	225,930	7.8	211,385	4	149,620,507		707.8	$5,908,986	$3,127,000
Arizona	81,047	73,682	10.0	70,599	4	40,216,927		569.7	1,388,830	454,429
Arkansas	206,568	209,419	−1.4	176,435	5	94,345,820		534.7	4,338,737	3,662,272
California	1,693,195	1,600,475	5.8	1,594,016	3	928,748,702		582.6	22,467,083	8,796,348
Colorado	268,492	248,613	8.0	234,794	3	122,493,107		521.7	3,139,594	1,600,222
Connecticut	281,521	263,235	6.9	263,790	2	152,745,302		579.0	3,054,906	6,805,664
Delaware	47,124	44,834	5.1	42,784	3	23,486,804		549.0	662,159	846,289
District of Columbia	111,680	111,497	0.2	93,788	2	57,439,721		612.4	1,148,794	531,044
Florida	394,734	401,562	−1.7	376,869	5	251,410,081		667.2	10,980,586	5,692,128
Georgia	300,635	277,468	8.4	260,079	4	192,103,248		738.6	7,066,109	3,712,978
Idaho	101,336	94,760	6.9	90,180	4	40,876,738		453.3	1,571,749	1,502,185
Illinois	1,438,985	1,370,503	5.0	1,366,060	2		700,000,000	512.4	[4] 6,199,509	14,839,593
Indiana	813,637	772,326	5.3	748,917	3	337,769,317		451.0	10,133,568	5,430,806
Iowa	704,203	698,998	0.7	663,627	3	288,619,674		434.9	7,248,214	10,371,699
Kansas	501,901	491,276	2.2	456,883	2	229,732,510		502.8	4,594,650	6,518,622
Kentucky	285,621	281,557	1.4	256,274	5	118,267,918		461.5	5,913,396	4,365,062
Louisiana	255,000	239,500	6.5	210,000	2	151,702,807		722.4	3,034,056	4,199,347
Maine	163,623	151,486	8.0	142,722	4	72,007,253		504.5	2,288,933	2,558,046
Maryland	270,935	252,852	7.1	250,848	4	118,335,211		471.7	4,169,397	2,987,912
Massachusetts	694,107	690,190	0.6	698,204	0		400,000,000	572.9		13,136,442
Michigan	1,154,773	1,118,785	3.2	1,048,857	3	561,144,507		535.0	14,260,564	17,984,210
Minnesota	646,682	630,285	2.6	607,725	2	258,743,986		425.8	5,174,880	10,233,644
Mississippi	218,043	205,200	6.2	197,881	4	119,342,686		603.1	4,890,686	2,556,627
Missouri	682,419	654,554	4.2	611,510	2	316,549,141		517.7	6,330,983	8,253,009
Montana	112,735	103,958	8.4	91,949	3	47,879,927		520.7	1,436,398	1,136,103
Nebraska	373,912	366,773	1.9	325,095	2	183,245,970		563.7	3,664,919	3,740,553
Nevada	25,776	24,014	7.3	22,853	4	11,790,615		515.9	471,624	229,839
New Hampshire	96,009	89,001	7.9	86,618	3	44,897,901		518.3	1,268,907	1,915,291
New Jersey	712,396	651,415	9.4	644,739	2		400,000,000	620.4	[4] 4,082,860	12,963,541
New Mexico	59,291	54,996	7.8	51,175	5	30,117,191		588.5	1,415,690	528,193
New York	1,937,918	1,815,434	5.7	1,715,557	0		1,000,000,000	582.9		31,757,889
North Carolina	430,499	385,047	11.8	420,723	4	219,667,060		522.1	8,786,682	3,246,853
North Dakota	160,701	157,822	1.8	145,383	2	63,778,243		438.7	1,275,565	1,595,442
Ohio	1,570,734	1,480,246	6.1	1,465,415	3	752,028,064		513.2	19,910,481	10,745,471
Oklahoma	503,126	499,938	0.6	459,429	3	239,931,866		522.2	7,197,956	5,753,912
Oregon	244,572	233,568	4.7	206,963	3	122,822,563		593.5	3,643,191	6,527,341
Pennsylvania	1,554,915	1,455,184	6.9	1,428,599	3	691,562,015		484.1	17,296,333	26,017,495
Rhode Island	118,014	110,746	6.6	104,198	2	56,144,687		538.8	915,959	2,093,309

South Carolina	199,635	181,189	10.2	177,646	5	101,607,700		572.0	5,080,385	2,187,290
South Dakota	169,552	168,230	0.8	152,869	4	65,965,089		431.5	2,393,592	2,491,981
Tennessee	294,567	279,639	5.3	269,080	3	149,206,016		554.5	4,476,180	3,765,775
Texas	1,111,407	1,049,869	5.9	950,110	3	594,592,077		625.8	15,650,841	15,626,531
Utah	93,976	85,380	10.1	85,100	3½	41,773,659		490.9	1,461,261	672,403
Vermont	79,527	74,063	7.4	69,058	3	33,167,246		480.3	905,244	1,878,950
Virginia	337,607	322,614	4.6	299,924	4½	158,423,951		528.2	7,139,707	5,235,953
Washington	384,583	363,279	5.9	353,062	2	191,071,925		541.2	3,821,438	6,482,354
West Virginia	245,819	227,836	7.9	207,157	4	99,917,717		482.3	3,794,068	4,004,391
Wisconsin	698,289	662,282	5.4	626,843	2	301,355,684		480.8	6,027,114	9,772,887
Wyoming	51,955	49,883	4.2	46,445	3	25,884,393		557.3	756,049	525,807
Total	23,127,315	22,001,393	5.1	21,080,217	2.76	8,852,533,526	2,500,000,000	538.5	258,838,813	301,061,132

[1] From Bureau of Public Roads.
[2] Does not include tax-exempt official cars.
[3] Registrations as of June 30, 1926, include tax-exempt official cars.
[4] Partial year; gasoline tax placed in operation during year.

AVERAGE RESULTS OF GASOLINE SURVEYS

There has been a considerable amount of discussion in recent years in regard to the quality of gasoline being supplied to the public. The work of the Bureau of Mines in keeping informed in regard to the quality of gasoline sold in the United States has indicated that the gasoline now being sold is about equal to that sold eight years ago, or in the intervening time. The following table shows the averages of the motor-gasoline surveys of the Bureau of Mines since January, 1920:

Results of motor-gasoline surveys

Survey	Specific gravity	A. P. I.°	First drop	20 per cent	50 per cent	90 per cent	End point	Average B. P.	Per cent recovered
WINTER									
January, 1920	0.748	57.7	119	200	259	369	427	264	96.6
January, 1921	.744	58.7	113	197	261	377	431	264	95.9
January, 1922	745	58.4	102	200	267	377	430	268	96
January, 1923	.744	58.8	107	201	267	375	427	268	96
January, 1924	.748	57.7	96	196	267	383	431	268	96.2
January, 1925	.746	58.2	95	195	266	382	425	267	96.2
January, 1926	.747	57.9	93	189	264	380	423	264	96.3
January, 1927	.748	57.7	92	185	264	383	421	264	96.5
January, 1928	.747	57.9	90	181	261	378	416	260	96.5
Average	.746	58.2	101	194	264	378	426	265	96.2
SUMMER									
July, 1920	.749	57.4	130	208	268	388	446	277	96.7
July, 1921	.747	57.9	125	202	262	377	433	270	96.7
July, 1922	.752	56.8	121	208	270	375	429	273	96.8
July, 1923	.751	56.9	125	206	269	382	436	273	96.8
July, 1924	.751	56.9	107	200	271	390	431	273	96
July, 1925	.754	56.2	108	204	275	387	427	275	96.2
July, 1926	.750	57.2	100	194	266	382	421	267	96.7
July, 1927	.748	57.7	102	193	267	381	417	267	96.6
July, 1928	.748	57.7	100	190	265	380	413	265	96.1
Average	.750	57.2	113	201	268	382	428	271	96.5

KEROSENE CONSUMPTION, BY STATES, 1926 AND 1927

Kerosene consumption, by States and months, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Alabama	44	41	39	42	40	29	32	32	30	33	39	42	443
Arkansas	43	38	37	39	41	31	21	18	24	32	33	34	391
Colorado	13	15	18	21	20	18	16	19	17	14	14	14	199
Florida	102	81	87	62	57	45	47	47	51	58	73	71	781
Georgia	67	52	48	51	54	38	29	35	39	52	52	53	570
Indiana	7	8	8	12	15	11	11	14	13	8	8	10	125
Kansas	61	52	92	93	119	92	136	134	92	87	63	62	1,083
Louisiana	101	91	90	83	53	52	50	59	47	52	63	60	801
Michigan	86	82	103	116	164	141	96	125	136	114	110	113	1,386
Minnesota	139	109	97	118	120	60	83	121	143	137	136	129	1,392
Missouri	167	114	92	106	107	112	112	98	95	129	117	98	1,347
Nebraska	46	47	55	72	81	70	59	65	60	58	37	39	689
North Dakota	18	25	37	48	60	18	33	56	57	23	11	8	394
Oklahoma	73	66	61	65	74	69	81	74	74	69	59	59	824
South Carolina	40	32	31	29	27	26	24	23	15	39	19	32	337
South Dakota	25	14	34	50	49	31	24	32	33	28	18	11	349
1927													
Alabama	39	41	36	41	37	35	31	31	35	33	36	36	431
Arkansas	34	36	34	46	43	47	35	30	25	25	34	26	415
Colorado	14	12	15	21	20	15	16	20	17	14	12	13	189
Florida	86	58	68	55	46	39	38	41	44	48	53	75	651
Georgia	53	41	55	48	37	41	26	34	39	45	47	54	520
Indiana	8	8	10	11	15	10	12	19	17	9	7	7	133
Kansas	67	69	99	93	110	123	139	146	148	105	60	74	1,233
Louisiana	70	51	58	27	37	35	42	43	54	43	44	75	579
Michigan	78	89	87	152	124	118	83	133	117	122	87	80	1,270
Minnesota	116	136	112	89	132	95	75	131	156	141	131	144	1,458
Missouri	72	91	72	119	95	66	112	100	88	164	159	89	1,227
Nebraska	38	41	50	55	49	97	80	100	57	79	49	54	749
North Dakota	15	27	36	52	44	35	32	57	52	31	21	7	409
Oklahoma	76	66	76	71	77	78	92	96	93	75	78	59	937
South Carolina	36	34	28	31	27	25	27	22	29	25	45	39	368
South Dakota	20	24	43	26	57	33	27	44	54	31	20	12	391

[1] From American Petroleum Institute.

FUEL-OIL CONSUMPTION AND DISTRIBUTION

Consumption of fuel oil by various agencies, 1923–1927

[Thousands of barrels of 42 United States gallons]

	1923	1924	1925	1926	1927
Crude oil:					
On producing oil properties	4,316	4,284	4,286	3,079	2,824
In operation of pipe lines east of California	1,715	1,852	1,825	1,993	2,097
Fuel oil (including some crude and gas oil):					
Refineries (for details see below)	(1)	(1)	50,455	46,416	41,462
Locomotives (all services, class 1 carriers) [2]	55,580	58,950	58,520	58,564	57,781
Vessels cleared for foreign countries (bunker oil) [3]	37,582	43,328	42,827	46,662	50,051
United States Navy (fiscal year) [4]	5,837	7,044	7,100	7,404	7,169
United States Shipping Board	19,049	18,579	12,570	12,983	13,074
Gas manufacturers	[5] 22,156	[6] 23,498	[6] 22,556	[6] 23,719	[6] 23,041
Electric public-utility power plants [7]	14,679	16,630	10,246	9,399	6,782

[1] Not available.
[2] Interstate Commerce Commission.
[3] Bureau of Foreign and Domestic Commerce.
[4] Navy Department.
[5] Bureau of the Census.
[6] American Gas Association.
[7] United States Geological Survey.

Consumption of fuel oil at refineries under boilers, etc., 1925–1927

[Thousands of barrels of 42 United States gallons]

	1925	1926	1927		1925	1926	1927
East coast	14,164	14,701	12,845	California	4,918	5,251	5,215
Appalachian	641	606	703				
Indiana, Illinois, etc	2,997	3,130	4,773	Total	50,455	46,416	41,462
Oklahoma, Kansas, etc	5,573	4,095	4,368				
Texas	15,466	12,279	10,252	Texas Gulf coast	13,189	10,325	9,031
Louisiana and Arkansas	4,935	4,858	2,305	Louisiana Gulf coast	4,920	4,808	2,248
Rocky Mountain	1,761	1,496	1,001				

Railroad fuel-oil purchases, stocks, and consumption, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

District	Purchases	Stocks			Total consumption
		Beginning of year	End of year	Change	
1926					
California	27,378	4,032	7,368	3,336	24,042
Oregon-Washington	[2] 5,655	407	466	59	5,596
Atlantic coast	4,239	246	281	35	4,204
North Central	158	9	12	3	155
Rocky Mountain	2,431	109	116	7	2,424
South Central	[3] 31,141	9,129	8,299	[4] 830	[3] 31,971
Total	[3] 71,002	13,932	16,542	2,610	[3] 68,392
1927					
California	24,276	7,368	5,706	[4] 1,662	25,938
Oregon-Washington	[5] 6,028	[3] 450	549	99	5,929
Atlantic coast	3,210	[3] 282	378	96	3,114
North Central	191	12	12	----------	191
Rocky Mountain	2,441	116	100	[4] 16	2,457
South Central	31,984	[3] 8,306	9,141	835	31,149
Total	68,130	[3] 16,534	15,886	[4] 648	68,778

[1] Compiled by A. H. Redfield, assistant economic analyst, Bureau of Mines.
[2] Of this quantity 4,982,000 barrels were obtained from Montana and Wyoming, the balance from California.
[3] Revised.
[4] Represents stock decrease.
[5] Of this quantity, 2,369,000 barrels were obtained from Montana and Wyoming, the balance from California.

Analysis of fuel-oil consumption by locomotives of Class I railroads [1]

Year	Number of oil-burning locomotives	Oil consumed (thousands of barrels)	Oil consumed converted to fuel equivalent (thousands of short tons of bituminous coal)	Total fuel consumed by locomotives (thousands of short tons)	Per cent of oil to total fuel consumed
1908	2,354	16,889			
1909	2,690	19,905			
1910	2,981	23,817			
1911	3,565	29,749			
1912	4,052	33,606			
1913	4,055	33,005			
1914	4,140	31,093			
1915		32,830			
1916		38,209			
1917		42,974	10,743	150,231	7.15
1918		39,023	9,756	148,122	6.58
1919		37,763	9,441	132,621	7.12
1920		45,945	11,486	151,406	7.58
1921		39,558	9,890	121,006	8.17
1922		43,527	10,882	127,213	8.55
1923	6,962	55,580	13,895	148,922	9.32
1924	7,373	58,950	14,737	135,617	10.87
1925	7,304	58,520	14,630	135,420	10.80
1926	7,304	58,564	14,641	140,426	10.43
1927	7,421	57,781	14,445	133,062	10.86

[1] Compiled by A. H. Redfield, assistant economic analyst, Bureau of Mines.

Distribution of gas oil and fuel oil, by States, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

State	1926	1927	State	1926	1927
Alabama	1,073	406	Nevada	587	815
Arizona	3,698	2,681	New Hampshire	176	154
Arkansas	1,802	2,210	New Jersey	14,929	19,677
California	86,615	89,845	New Mexico	272	387
Colorado	420	884	New York	35,952	34,324
Connecticut	2,286	2,594	North Carolina	322	214
Delaware	884	633	North Dakota	40	25
District of Columbia	759	972	Ohio	3,138	2,900
Florida	9,210	7,397	Oklahoma	8,704	8,847
Georgia	1,504	1,349	Oregon	6,066	5,270
Idaho	61	30	Pennsylvania	17,291	14,473
Illinois	8,992	11,430	Rhode Island	4,567	4,654
Indiana	3,091	4,318	South Carolina	1,284	980
Iowa	666	663	South Dakota	122	106
Kansas	5,164	4,816	Tennessee	368	485
Kentucky	259	404	Texas	47,999	44,500
Louisiana	20,658	18,207	Utah	377	429
Maine	1,617	1,273	Vermont	73	141
Maryland	5,291	5,113	Virginia	1,516	1,508
Massachusetts	12,080	11,966	Washington	7,359	8,184
Michigan	2,398	2,982	West Virginia	416	394
Minnesota	980	1,514	Wisconsin	1,101	1,441
Mississippi	414	335	Wyoming	3,201	2,716
Missouri	5,147	5,278			
Montana	2,352	2,825	Total	334,030	333,760
Nebraska	749	1,011			

[1] National Survey of Fuel-Oil Distribution, 1927, by E. B. Swanson, Economic Analyst, Bureau of Mines.

Distribution of gas oil and fuel oil, by uses, 1926 and 1927[1]

[Thousands of barrels of 42 United States gallons]

Uses	1926	1927	Uses	1926	1927
Railroads	72,218	70,094	Ceramic industries	3,217	3,270
Bunker oil, including tankers	79,287	88,215	Food industries	7,675	7,143
Gas and electric power plants	33,652	29,775	Other manufacturing	23,017	11,353
Smelters and mines	8,952	6,831	Commercial heating	13,874	15,143
Iron and steel products	16,102	17,197	Domestic heating	2,905	6,377
Chemical and allied industries	(2)	2,190	United States Navy, transports, etc	6,542	6,506
Automotive industries	1,603	1,687	Used as fuel by oil companies	48,701	43,453
Textiles and their products	(2)	4,621	Miscellaneous uses	7,515	9,353
Paper and wood pulp	(2)	3,131			
Logging and lumbering	3,184	2,370	Total	334,030	333,760
Cement and lime plants	5,586	5,051			

[1] National Survey of Fuel-Oil Distribution, 1927, by E. B. Swanson, Economic Analyst, Bureau of Mines.
[2] Deliveries to chemical and allied industries, textiles and their products, and paper and wood pulp were included under "Other manufacturing" in the 1926 survey.

PANAMA CANAL SHIPMENTS, 1926 AND 1927

Shipments of the major mineral oils through the Panama Canal from the Pacific to the Atlantic and to the Gulf of Mexico, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Crude oil	1,267	861	1,285	1,107	1,565	962	1,148	711	535	823	417	423	11,104
Refined oils:													
Gasoline, naphtha, etc	852	447	603	680	771	464	892	862	481	765	646	990	8,453
Tops	71								153				224
Gas oil and Diesel oil	312	363	479	494	586	366	553	622	558	375	626	466	5,800
Fuel oil	680	652	696	471	426	430	530	1,191	681	1,045	598	715	8,115
Lubricants	69	1	69	1	68	1	69		140	70		69	557
Asphalt	1	1	1	1	1	2	1	1	1	2	1	1	14
Total refined	1,985	1,464	1,848	1,647	1,852	1,263	2,045	2,676	2,014	2,257	1,871	2,241	23,163
Total crude and refined	3,252	2,325	3,133	2,754	3,417	2,225	3,193	3,387	2,549	3,080	2,288	2,664	34,267
1927													
Crude oil	390	831	572	462	1,341	1,247	1,124	1,313	818	844	864	886	10,692
Refined oils:													
Gasoline, naphtha, etc	749	1,101	606	872	999	1,043	1,133	1,268	1,047	984	939	934	11,675
Kerosene												74	74
Gas oil and Diesel oil	499	228	380	450	152	237	315	231	457	154	552	542	4,197
Fuel oil	1,072	1,167	758	712	488	255	413	575	1,060	363	75	72	7,010
Lubricants	1	1	71	1	1	69	1	69	1	70	69	1	355
Asphalt		1	1	1	1	1	2	1	4	2	2	1	17
Total refined	2,321	2,498	1,816	2,036	1,641	1,605	1,864	2,144	2,569	1,573	1,637	1,624	23,328
Total crude and refined	2,711	3,329	2,388	2,498	2,982	2,852	2,988	3,457	3,387	2,417	2,501	2,510	34,020

W. Mashaw and E. T. Knudsen of the San Francisco office of the Bureau of Mines.

IMPORTS, 1926 AND 1927

Imports of refined products, 1926 and 1927 [1]

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Gasoline	299	337	444	419	586	434	427	614	228	844	456	452	5,540
Kerosene		1	1		4	3	21	20	21	3			74
Gas oil and fuel oil	863	1,585	947	1,148	1,368	1,856	1,485	1,629	818	858	1,111	764	14,432
Lubricants	2	1	4	3	11	3	1	2	2	2	1	1	33
Wax (thousands of pounds)	631	668	456	647	213	812	2,089	968	252	1,384	674	1,189	9,983
Wax [1]	2	2	2	2	1	3	8	4	1	5	2	4	36
Tops and other unfinished distillates	85	75	124	44	47	45	50	92	62	53	49	97	823
Total	1,251	2,001	1,522	1,616	2,017	2,344	1,992	2,361	1,132	1,765	1,619	1,318	20,938
1927													
Gasoline	520	415	493	377	490	590	190	348	515	365	417	282	5,002
Kerosene		1	3	1	1	2		4		1	27	15	55
Gas oil and fuel oil	660	1,053	525	805	826	851	849	391	341	668	704	451	8,124
Lubricants	1		1	1	1	1		1		1		1	8
Wax (thousands of pounds)	460	2,048	910	1,505	729	400	2,789	2,656	3,040	887	3,132	1,906	20,462
Wax [1]	2	7	3	5	3	1	10	10	11	3	11	7	73
Tops and other unfinished distillates	6	31	2	12	8	3	4	20	1	4			91
Total	1,189	1,507	1,027	1,201	1,329	1,448	1,053	774	868	1,042	1,159	756	13,353

[1] Conversion factors given on p. 26.

EXPORTS AND SHIPMENTS TO NONCONTIGUOUS TERRITORIES, 1926 AND 1927

Exports of refined products, 1926 and 1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1926													
Gasoline	3,270	3,174	3,032	4,128	4,501	3,710	3,622	3,494	3,774	2,704	3,703	3,368	42,480
Kerosene	1,840	1,554	1,866	1,744	1,533	1,594	1,608	2,685	1,852	884	2,021	1,835	22,016
Gas oil and fuel oil	3,256	2,922	2,114	3,036	2,464	2,957	2,127	3,292	2,448	1,688	4,904	3,308	34,516
Lubricants	717	784	735	920	708	978	740	648	695	701	806	911	9,343
Wax, crude (thousands of pounds)	4,977	6,588	4,783	4,531	4,896	6,012	5,952	7,623	6,870	5,638	5,266	7,812	70,948
Wax, refined (thousands of pounds)	24,084	22,121	20,222	27,029	19,072	21,287	24,816	19,747	22,433	23,106	20,121	20,598	264,636
Wax, total (thousands of pounds)	29,061	28,709	25,005	31,560	23,968	27,299	30,768	27,370	29,303	28,744	25,387	28,410	335,584
Wax, total [1]	102	100	90	113	86	99	111	98	105	103	91	102	1,200
Coke (thousands of short tons)	5.5	2.4	10.0	8.4	6.7	13.3	10.4	6.1	6.3	8.7	16.1	2.2	96.1
Coke [1]	29	14	52	45	37	73	56	31	33	46	85	12	513
Asphalt (thousands of short tons)	6.2	13.7	12.9	17.8	11.3	11.1	14.4	9.0	13.0	12.2	12.0	13.0	146.6
Asphalt [1]	34	77	71	99	62	61	86	52	71	65	75	72	825
Insulating or transformer oils [2]	7	3	5	7	7	7	7	7	8	5	7	8	78
Residuum and other petroleum products	4	5	7	7	23	20	18	21	4	5	7	39	160
Mineral spirits	2	1	1	5	3	8	3	6	4	3	3	3	42
Total	9,254	8,631	7,968	10,097	9,417	9,500	8,371	10,327	8,986	7,199	11,695	9,650	111,095
1927													
Gaso ne	3,490	3,375	3,123	3,477	4,378	4,234	3,117	4,135	3,487	3,834	3,658	3,026	43,334
Kerosene	1,592	1,437	1,342	1,833	1,605	1,611	1,360	1,669	1,651	2,193	1,816	1,243	19,352
Gas oil and fuel oil	3,302	3,637	3,199	2,828	4,215	3,986	3,450	4,374	2,981	4,003	3,586	3,402	42,963
Lubricants	857	610	887	758	852	753	966	748	856	833	793	773	9,686
Wax, crude (thousands of pounds)	5,691	3,898	3,731	4,567	4,231	5,801	5,869	9,867	8,275	7,319	9,062	7,938	76,249
Wax, refined (thousands of pounds)	23,593	19,961	24,478	20,854	20,997	18,462	20,101	24,395	24,075	21,023	23,504	22,731	264,174
Wax, total (thousands of pounds)	29,284	23,859	28,209	25,421	25,228	24,263	25,970	34,262	32,350	28,342	32,566	30,669	340,423
Wax, total [1]	105	85	101	91	89	85	94	124	116	101	116	110	1,217
Coke (thousands of short tons)	13.6	11.7	4.7	6.5	2.6	13.3	15.1	10.8	10.5	4.5	.4	10.7	104.4
Coke [1]	71	61	24	34	13	68	77	54	53	23	2	55	535
Asphalt (thousands of short tons)	20.8	26.3	35.2	37.5	45.6	31.6	46.0	37.1	28.7	20.4	28.0	27.8	385.0
Asphalt [1]	115	145	194	200	252	172	255	205	159	113	154	154	2,118
Insulating or transformer oils [2]	7	6	8	5	3	6	5	7	5	6	6	4	68
Residuum and other petroleum products	2	10	6	4	4	75	6	72	2	4	9	23	217
Mineral spirits	4	8	3	22	2	6	1	2	4	3	4	4	63
Total	9,538	9,368	8,879	9,247	11,410	10,990	9,326	11,383	9,309	11,107	10,138	8,790	119,485

[1] Conversion factors given on p. 26.

[2] Included above in lubricants.

Shipments of the major refined products to noncontiguous territories, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
ALASKA													
1926													
Gasoline	------	2	17	16	16	27	12	13	1	10	7	------	121
Kerosene	------	------	1	1	2	1	1	------	------	------	2	------	8
Gas oil and fuel oil	------	41	1	43	33	67	51	32	30	34	1	------	333
Lubricants	1	------	1	3	3	2	1	------	1	1	1	------	14
Total	1	43	20	63	54	97	65	45	32	45	11	------	476
1927													
Gasoline	8	14	1	47	14	13	28	11	2	14	6	1	159
Kerosene	------	------	------	4	2	1	1	1	1	2	------	------	12
Gas oil and fuel oil	57	1	1	4	20	82	133	51	42	1	28	------	420
Lubricants	1	1	1	3	2	2	2	1	1	1	------	------	15
Total	66	16	3	58	38	98	164	64	46	18	34	1	606
HAWAII													
1926													
Gasoline	91	70	9	56	13	7	6	61	6	69	86	6	480
Kerosene	17	18	3	9	77	2	1	------	1	19	------	2	149
Gas oil and fuel oil	308	227	229	371	238	320	225	258	246	293	114	429	3,258
Lubricants	3	3	3	2	4	3	3	9	4	2	12	3	51
Total	419	318	244	438	332	332	235	328	257	383	212	440	3,938
1927													
Gasoline	51	53	59	114	75	6	44	62	6	103	22	90	685
Kerosene	6	10	1	18	19	------	10	23	1	12	2	3	105
Gas oil and fuel oil	306	149	363	318	213	135	302	214	202	231	321	275	3,029
Lubricants	4	4	4	1	5	1	7	2	2	5	3	6	44
Total	367	216	427	451	312	142	363	301	211	351	348	374	3,863
PORTO RICO													
1926													
Gasoline	------	------	36	56	------	------	62	------	1	------	38	39	232
Kerosene	14	5	6	5	11	4	3	6	3	2	6	10	75
Gas oil and fuel oil	48	------	1	26	------	26	24	------	26	------	------	93	244
Lubricants	6	2	1	3	2	1	2	3	1	1	2	3	27
Total	68	7	44	90	13	31	91	9	31	3	46	145	578
1927													
Gasoline	------	2	36	1	1	------	35	------	45	2	------	37	159
Kerosene	3	7	8	6	7	4	5	7	6	4	3	8	68
Gas oil and fuel oil	75	24	94	175	96	75	185	------	33	71	------	151	979
Lubricants	2	3	3	2	4	2	2	3	2	1	2	5	31
Total	80	36	141	184	108	81	227	10	86	78	5	201	1,237
TOTAL SHIPMENTS													
1926													
Gasoline	91	72	62	128	29	34	80	74	8	79	131	45	833
Kerosene	31	23	10	15	90	7	5	6	4	21	8	12	232
Gas oil and fuel oil	356	268	231	440	271	413	300	290	302	327	115	522	3,835
Lubricants	10	5	5	8	9	6	6	12	6	4	15	6	92
Total	488	368	308	591	399	460	391	382	320	431	269	585	4,992
1927													
Gasoline	59	69	96	162	90	19	107	73	53	119	28	128	1,003
Kerosene	9	17	9	28	28	5	16	31	8	18	5	11	185
Gas oil and fuel oil	438	174	458	497	329	292	620	265	277	303	349	426	4,428
Lubricants	7	8	8	6	11	5	11	6	5	7	5	11	90
Total	513	268	571	693	458	321	754	375	343	447	387	576	5,706

Total of exports and shipments to noncontiguous territories, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1926													
Gasoline	3,361	3,246	3,094	4,256	4,530	3,744	3,702	3,568	3,782	2,783	3,834	3,413	43,313
Kerosene	1,871	1,577	1,876	1,759	1,623	1,601	1,613	2,691	1,856	1,905	2,029	1,847	22,248
Gas oil and fuel oil	3,612	3,190	2,345	3,476	2,735	3,370	2,427	3,582	2,750	2,015	5,019	3,830	38,351
Lubricants	727	789	740	928	717	984	746	660	701	705	821	917	9,435
1927													
Gasoline	3,549	3,444	3,219	3,639	4,468	4,253	3,224	4,208	3,540	3,953	3,686	3,154	44,337
Kerosene	1,601	1,454	1,351	1,861	1,633	1,616	1,376	1,700	1,659	2,211	1,821	1,254	19,537
Gas oil and fuel oil	3,740	3,811	3,657	3,325	4,544	4,278	4,070	4,639	3,258	4,306	3,935	3,828	47,391
Lubricants	864	618	895	764	863	758	977	754	861	840	798	784	9,776

Exports of the major refined products by country of destination, 1926 and 1927

[Thousands of barrels of 42 United States gallons, except as otherwise indicated]

	Gasoline		Kerosene		Gas oil and fuel oil		Lubricants		Wax (thousands of pounds)	
	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Argentina	681	1,350	326	336	2,140	4,308	211	322	9,616	14,274
Australia	1,936	2,470	571	600	3	16	360	385	1,165	860
Belgium	1,027	1,126	556	539	527	534	679	799	7,933	10,695
Brazil	1,055	943	623	697	614	1,233	207	235	2,080	2,268
British India	(1)	(1)	1,748	1,361	(1)	(1)	381	415	1,859	1,083
Canada	2,629	3,144	215	128	4,214	2,377	317	399	1,062	3,041
Chile	73	86	4	4	4,348	4,350	56	61	8,593	7,814
China	108	131	2,673	2,125	664	683	129	128	33,300	10,903
Cuba	822	489	17	14	252	1,942	81	95	3,018	3,275
Denmark	734	1,100	623	518	383	718	173	177	754	1,004
France	7,398	6,833	2,066	1,127	680	93	1,588	1,257	763	782
Germany	1,590	1,231	641	833	845	1,258	826	1,161	17,160	14,711
Italy	1,033	983	517	258	279	182	464	395	48,548	41,424
Japan	493	356	2,441	1,609	2,149	4,419	228	278	16,193	6,702
Mexico	225	364	20	51	924	1,043	85	77	12,584	18,440
Netherlands	1,708	1,674	1,762	1,759	534	770	187	174	8,745	12,890
New Zealand	975	1,061	109	114	995	919	72	74	542	305
Norway	366	283	282	270	206	106	40	33	651	910
Panama	168	97	53	36	5,106	7,360	10	11	(1)	131
Philippine Islands	334	293	281	197	723	686	59	48	1,926	1,681
Spain	813	984	168	78	243	68	141	200	16,616	17,892
Sweden	698	1,233	238	285	164	237	92	90	6,287	7,645
United Kingdom	14,694	13,691	3,043	3,172	5,709	5,507	2,206	2,028	84,526	107,330
Other countries	2,920	3,412	3,039	3,241	2,814	4,154	751	844	51,663	54,363
Total	42,480	43,334	22,016	19,352	34,516	42,963	9,343	9,686	335,584	340,423

[1] Included in "Other countries."

Exports of gasoline by country of destination, by months. 1926 and 1927

[Thousands of barrels of 42 United States gallons]

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1926													
Argentina	87	20	70	37	31	29	34	86	116	100	29	42	681
Australia	219	80	232	167	88	194	65	145	207	131	244	164	1,936
Belgium	21	145	86	108	129	105	147	69	81	43	93	------	1,027
Brazil	47	147	27	57	215	45	56	159	33	104	104	61	1,055
Canada	134	81	94	133	248	212	291	452	246	289	196	253	2,629
Chile	33	------	------	6	14	3	------	------	16	------	------	1	73
China	10	18	5	18	4	6	3	8	21	1	------	14	108
Cuba	62	86	12	83	155	2	83	76	38	74	77	74	822
Denmark and Faroe Islands	99	------	48	127	17	87	17	88	67	34	28	122	734
France	971	467	890	795	841	588	459	383	432	572	410	590	7,398
Germany	158	149	58	153	410	104	------	116	144	96	31	171	1,590
Italy	16	158	80	85	50	188	118	104	129	------	64	41	1,033
Japan, including Chosen	55	21	13	7	49	37	17	43	32	6	96	117	493
Mexico	19	20	19	19	24	23	18	16	15	11	27	14	225
Netherlands	87	181	93	215	164	244	29	183	146	66	243	57	1,708
New Zealand	88	51	96	47	85	139	33	74	156	111	51	44	975
Norway	------	------	57	------	------	------	179	80	30	10	------	10	366
Panama	------	1	1	30	------	1	27	------	------	79	29	------	168
Philippine Islands	59	12	3	45	5	1	29	138	------	16	9	17	334
Spain	86	1	35	27	170	50	77	70	51	69	98	79	813
Sweden	------	------	50	108	------	37	60	53	188	------	164	38	698
United Kingdom	733	1,318	845	1,598	1,611	1,440	1,653	872	1,389	606	1,363	1,266	14,694
Other countries	286	218	218	263	191	175	227	279	237	286	347	193	2,920
Total	3,270	3,174	3,032	4,128	4,501	3,710	3,622	3,494	3,774	2,704	3,703	3,368	42,480
1927													
Argentina	40	119	130	82	63	57	159	90	181	221	116	92	1,350
Australia	139	250	132	209	215	297	169	224	179	302	162	192	2,470
Belgium	86	138	67	96	74	166	------	161	99	101	78	60	1,126
Brazil	168	170	42	55	59	76	34	37	76	46	122	58	943
Canada	93	125	175	182	303	328	393	333	314	362	348	189	3,145
China	3	15	4	4	6	7	7	8	19	1	56	1	131
Cuba	16	129	6	7	59	85	3	67	(1)	50	67	(1)	489
Denmark and Faroe Islands	68	147	------	143	115	74	136	80	135	62	140	------	1,100
France	528	322	616	363	866	739	435	511	659	429	594	771	6,833
Germany	107	101	------	160	238	123	140	28	180	30	44	80	1,231
Italy	------	33	183	45	34	133	153	162	86	98	------	56	983
Japan, including Chosen	37	61	13	74	6	15	7	71	8	18	12	34	356
Mexico	14	23	25	21	22	44	12	30	15	25	109	24	364
Netherlands	61	305	41	123	198	116	26	217	206	75	214	92	1,674
New Zealand	108	80	121	133	16	130	20	146	95	32	55	83	1,019
Norway	41	------	------	------	34	49	20	66	50	23	------	------	283
Panama	(1)	(1)	27	(1)	1	1	(1)	1	64	2	(1)	(1)	96
Philippine Islands	65	(1)	6	28	13	25	19	18	6	29	6	78	293
Spain	102	109	65	47	32	71	------	189	119	71	179	------	984
Sweden	49	------	66	234	167	185	97	66	113	164	92	------	1,233
United Kingdom	1,457	881	1,195	1,098	1,610	1,232	1,040	1,291	652	1,342	890	1,003	13,691
Other countries	308	367	209	373	247	281	247	339	231	351	374	213	3,540
Total	3,490	3,375	3,123	3,477	4,378	4,234	3,117	4,135	3,487	3,834	3,658	3,026	43,334

[1] Included in "Other countries."

Exports of the major refined products classified by shipping points, 1926 and 1927

[Thousands of barrels of 42 United States gallons]

Customs districts	Gasoline		Kerosene		Gas oil and fuel oil		Lubricants		Wax (thousands of pounds)	
	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Atlantic coast:										
New York	5,430	6,046	5,195	5,165	504	927	3,784	4,216	148,773	158,194
Philadelphia	1,779	2,491	1,562	1,513	708	652	2,255	2,322	47,774	45,425
Porto Rico, Virginia, Maine, Massachusetts, Georgia, Rhode Island, Maryland, South Carolina	123	128	2	2	462	120	171	161	14,758	16,607
Gulf coast:										
New Orleans	14,539	11,360	3,303	3,592	1,413	2,422	516	474	94,705	97,320
Sabine	5,355	3,757	5,343	3,934	3,056	2,194	765	722	9,608	6,581
Galveston	3,831	6,145	1,464	1,410	4,401	5,004	910	815	2,646	1,915
Mobile, Florida	98	53	7	11	7	17	30	32	----	----
Mexican border:										
Arizona	92	44	5	3	382	330	8	6	213	271
San Antonio	65	63	4	17	14	20	44	27	1,574	2,595
El Paso	15	15	2	4	25	23	4	4	654	672
Northern border:										
Michigan	1,329	1,462	20	26	108	52	51	59	464	728
Buffalo	225	310	40	42	101	140	131	184	453	1,904
Dakota	159	222	14	20	21	57	44	54	44	18
Montana, Vermont, St. Lawrence, Duluth-Superior, Ohio, Rochester	167	295	16	12	132	75	59	65	66	358
Pacific coast:										
Los Angeles	6,064	6,945	2,822	2,616	18,646	27,750	35	58	1	61
San Francisco	3,017	3,934	2,215	982	4,310	3,038	515	465	4,242	4,725
Washington, Alaska, Oregon, Hawaii	192	64	2	3	226	142	21	22	9,609	3,049
Total	42,480	43,334	22,016	19,352	34,516	42,963	9,343	9,686	335,584	340,423

PRICES, 1926 AND 1927

The following prices are based on data secured from various oil-trade journals. Prices of gasoline and kerosene are tank-wagon prices in cents per gallon and include tax. Fuel-oil prices are in dollars per barrel for the following grades: Oklahoma, refinery price 24° to 26° gravity fuel oil; Gulf coast, grade C bunker oil; California, 14° to 18° gravity bunker oil; New York, 14° to 16° gravity bunker oil.

Prices of gasoline, kerosene, and fuel oil, 1926 and 1927

	New York		Washington		Chicago		New Orleans		San Francisco		Denver	
	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene
MONTHLY AVERAGE PRICE OF GASOLINE AND KEROSENE												
1926												
January	17.0	15.0	17.0	13.0	16.0	11.0	16.5	12.5	16.0	15.5	18.9	14.5
February	17.6	15.7	17.6	14.3	16.9	11.8	17.1	13.2	16.0	15.5	19.9	15.4
March	18.0	16.0	18.0	15.0	17.0	12.0	17.0	13.5	17.4	15.5	20.0	15.5
April	19.0	16.0	18.8	14.7	17.1	12.7	17.1	13.5	18.0	15.5	20.0	15.8
May	20.2	17.0	20.2	15.3	18.5	14.9	18.8	14.3	18.0	15.5	21.3	18.1
June	21.0	17.0	21.0	16.0	19.0	15.5	20.4	15.0	18.0	15.5	22.0	19.0
July	21.0	17.0	21.0	16.0	19.0	13.6	20.5	15.1	18.0	15.5	22.0	17.4
August	21.0	17.4	21.0	16.4	19.0	14.4	20.5	16.0	18.0	15.5	22.0	17.2
September	21.0	18.0	21.0	17.0	19.0	15.5	20.5	16.0	18.0	15.5	22.0	18.0
October	21.0	18.0	20.6	16.1	18.8	14.7	19.7	16.4	15.0	15.5	21.8	17.4
November	21.0	18.0	20.0	16.0	18.0	13.5	18.5	16.5	15.0	15.5	20.8	16.0
December	21.0	18.0	20.0	13.5	18.0	13.5	18.0	16.5	15.4	15.5	20.0	16.0
Average for year	19.9	16.9	19.7	15.3	18.0	13.6	18.7	14.9	16.9	15.5	20.9	16.7
1927												
January	21.0	17.6	20.0	13.0	17.4	13.2	17.5	15.0	16.0	15.5	20.0	15.8
February	21.6	17.0	20.6	12.6	17.0	13.0	17.4	14.0	16.0	15.5	20.0	15.5
March	20.5	16.3	19.4	12.0	16.0	13.0	15.9	13.6	14.7	15.5	18.5	15.5
April	19.3	15.9	18.2	12.0	16.0	13.0	15.5	14.0	12.0	15.5	17.0	15.5
May	19.0	15.0	16.5	12.0	14.6	12.3	15.5	14.0	14.6	15.5	17.0	15.3
June	19.0	15.0	16.1	12.0	14.0	12.0	15.5	14.0	15.0	15.5	17.8	14.5
July	19.0	15.0	18.0	12.0	14.0	12.0	15.5	14.0	16.1	15.5	18.0	14.5
August	17.5	15.0	18.0	12.0	16.0	12.0	15.2	14.0	17.0	15.5	18.0	13.9
September	17.0	15.0	18.0	12.0	16.0	12.0	14.5	14.0	17.0	15.5	17.3	12.5
October	17.0	15.0	18.0	12.0	16.0	12.0	13.9	14.0	17.0	15.5	16.0	12.5
November	17.0	15.0	18.0	12.0	16.0	12.0	15.5	14.0	17.0	15.5	16.0	12.5
December	17.0	15.0	18.0	12.0	16.0	12.0	15.5	14.0	17.0	15.5	16.0	12.5
Average for year	18.7	15.6	18.2	12.1	15.7	12.4	15.6	14.1	15.8	15.5	17.6	14.2
DATES OF PRICE CHANGES OF GASOLINE AND KEROSENE												
1926												
Jan. 1 [1]	17.0	15.0	17.0	13.0	16.0	11.0	16.5	12.5	16.0	15.5	18.0	14.5
Jan. 4											19.0	
Feb. 4					17.0	12.0						
Feb. 5											20.0	15.5
Feb. 8				14.0								
Feb. 9		16.0						13.5				
Feb. 12			18.0				17.5					
Feb. 13	18.0											
Feb. 15				15.0								
Feb. 27							17.0					
Mar. 11									18.0			
Mar. 31	19.0											
Apr. 8			19.0									
Apr. 16						13.0						
Apr. 21				14.0								16.5
Apr. 24						13.5						
Apr. 29					18.0	14.0						
Apr. 30			20.0	14.5			18.5	14.0				
May 1	20.0	17.0									21.0	17.5
May 6						14.5						
May 8												18.0
May 10				15.0								
May 17				16.0	19.0	15.5						
May 24	21.0		21.0				19.5	15.0			22.0	19.0
June 4							20.5					
July 1						14.5						
July 3						13.5						
July 5												18.0
July 10												17.0
July 29								16.0				
Aug. 13						14.5						
Aug. 19				17.0								
Aug. 20		18.0										
Aug. 24						15.5						
Aug. 26												18.0
Oct. 1									15.0			
Oct. 5				16.0								
Oct. 6								16.5				
Oct. 13						14.5						
Oct. 18												17.0
Oct. 19							18.5					
Oct. 20			20.0									
Oct. 26					18.0	13.5						

[1] Prices in effect as of this date.

Prices of gasoline, kerosene, and fuel oil, 1926 and 1927—Continued

	New York		Washington		Chicago		New Orleans		San Francisco		Denver	
	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene	Gasoline	Kerosene
DATES OF PRICE CHANGES OF GASOLINE AND KEROSENE—continued												
1926												
Oct. 27											21.0	16.0
Nov. 26											20.0	
Dec. 6				13.0								
Dec. 15							17.5					
Dec. 21									16.0			
1927												
Jan. 12					17.0	13.0						
Jan. 14								14.0				
Jan. 17												15.5
Jan. 20		17.0										
Feb. 9			21.0									
Feb. 10	22.0											
Feb. 17				12.0								
Feb. 25			20.0				16.5					
Feb. 28	21.0											
Mar. 1					16.0							
Mar. 2											19.0	
Mar. 10		16.0						13.0				
Mar. 14			19.0				15.5					
Mar. 15	20.0											
Mar. 19									13.0			
Mar. 21								14.0				
Mar. 23											17.0	
Apr. 6			18.0									
Apr. 11	19.0											
Apr. 16									11.0			
Apr. 29		15.0										
May 4									15.0			
May 9			16.0									
May 10					14.0	12.0						
May 26												14.5
June 8											18.0	
June 29			18.0									
July 1									16.0			
July 29									17.0			
Aug. 1					16.0							
Aug. 9	17.0											
Aug. 22												12.5
Aug. 23							14.5					
Sept. 20											16.0	
Oct. 2							13.5					
Oct. 26							15.5					
Dec. 31 [1]	17.0	15.0	18.0	12.0	16.0	12.0	15.5	14.0	17.0	15.5	16.0	12.5

[1] Prices in effect as of this date.

	Oklahoma [1]	Gulf coast [2]	New York [3]	California [4]
MONTHLY AVERAGE PRICES OF FUEL OIL				
1926				
January	1.27	1.47	1.71	1.00
February	1.24	1.50	1.75	1.00
March	1.26	1.50	1.75	1.00
April	1.41	1.47	1.75	1.00
May	1.37	1.45	1.75	1.00
June	1.35	1.50	1.75	1.00
July	1.26	1.44	1.75	1.00
August	1.37	1.40	1.75	1.00
September	1.45	1.39	1.75	1.00
October	1.37	1.38	1.68	.90
November	1.31	1.42	1.82	.84
December	1.30	1.45	1.77	.80
Average for year	1.33	1.45	1.75	.96

[1] 24°–26° gravity fuel oil.—Oil and Gas Journal.
[2] Grade C bunker oil in cargoes.—National Petroleum News.
[3] 14°–16° gravity grade c bunker oil.—Oil and Gas Journal.
[4] 14°–18° gravity bunker oil in cargoes.—National Petroleum News.

Prices of gasoline, kerosene, and fuel oil, 1926 and 1927—Continued

	Oklahoma	Gulf coast	New York	California
MONTHLY AVERAGE PRICES OF FUEL OIL—continued				
1927				
January	1.29	1.51	1.75	0.80
February	1.27	1.55	1.75	.80
March	1.24	1.54	1.75	.80
April	1.07	1.45	1.75	.72
May	.95	1.35	1.75	.70
June	.93	1.33	1.65	.70
July	.93	1.31	1.65	.70
August	.87	1.28	1.65	.70
September	.84	1.25	1.65	.78
October	.84	1.21	1.54	.82
November	.84	1.11	1.44	.76
December	.83	1.02	1.36	.75
Average	.99	1.32	1.64	.75
DATES OF PRICE CHANGES OF FUEL OIL				
1926				
Jan. 1	1.27½	1.45	1.65	1.00
Jan. 12	1.29		1.75	
Jan. 18		1.50		
Jan. 19	1.26			
Jan. 26	1.22½			
Feb. 2	1.26			
Feb. 9	1.24			
Feb. 23	1.22½			
Mar. 9	1.24			
Mar. 16	1.25	1.55		
Mar. 23	1.31	1.45		
Mar. 30	1.35	1.50		
Apr. 6	1.42½			
Apr. 12	1.45			
Apr. 20	1.41			
Apr. 27	1.40			
May 4	1.41			
May 11	1.37½			
May 18	1.35			
June 1	1.50			
July 6	1.20			
July 12	1.40			
July 20	1.25			
July 27	1.32½			
Aug. 17	1.38¾			
Aug. 24	1.43¾			
Aug. 31	1.47½			
Sept. 7	1.48¾			
Sept. 14	1.46½			
Sept. 20	1.41¼			
Sept. 27	1.38¾	1.35		
Oct. 5	1.37½		1.65	
Oct. 11	1.45			
Oct. 19	1.36¾	1.35		.85
Oct. 26	1.35	1.36	1.75	
Nov. 9	1.30	1.40	1.85	
Nov. 15	1.45			
Nov. 23	1.28¾			.80
Dec. 7	1.30		1.75	
Dec. 28	1.28¾			
1927				
Jan. 1		1.45		
Jan. 10		1.52		
Jan. 17		1.55		
Feb. 8	1.25			
Feb. 15	1.27½			
Mar. 15	1.24¼			
Mar. 22	1.19¼			
Mar. 28		1.50		
Apr. 4		1.45		.75
Apr. 5	1.13¾			
Apr. 11				.70
Apr. 12	1.05			
Apr. 19	1.00			
Apr. 25		1.40		
Apr. 26	.98¾			

Prices of gasoline, kerosene, and fuel oil, 1926 and 1927—Continued

	Oklahoma	Gulf coast	New York	California
DATES OF PRICE CHANGES OF FUEL OIL—continued				
1927—Continued				
May 3	0.96¼			
May 9		1.35		
May 16		1.33		
May 17	.93¾			
May 31			1.65	
June 6		1.30		
June 7	.92½			
June 20		1.35		
June 28	.93¾			
July 5		1.30		0.68
July 11		1.33		.70
July 18		1.30		
July 26	.91¼			
Aug. 1		1.25		
Aug. 2	.90			
Aug. 8		1.30		
Aug. 9	.88¾			
Aug. 16	.83¾			
Aug. 22		1.27		
Sept. 6		1.25		.80
Oct. 4			1.55	
Oct. 10		1.20		.85
Oct. 24		1.18		.80
Oct. 25			1.45	
Oct. 31		1.15		
Nov. 7		1.10		.75
Nov. 22			1.40	
Nov. 28		1.05		
Dec. 6	.82½		1.35	
Dec. 12		1.02		
Dec. 19		1.00		
Dec. 31 [5]	.82½	1.00	1.35	.75

[5] Prices in effect as of this date.

CENSUS OF REFINERIES AND CRACKING PLANTS

Summary of refinery capacity in the United States, by years

	Building		Completed	
	Number	Capacity, barrels per day	Number	Capacity, barrels per day
Jan. 1, 1914 [1]			176	
Jan. 1, 1918			267	1,186,155
Jan. 1, 1919			289	1,295,115
Jan. 1, 1920	99	263,500	373	1,530,565
Jan. 1, 1921	44	76,600	415	1,888,800
Jan. 1, 1922	30	59,950	479	2,109,200
Nov. 1, 1924	8	18,200	547	2,814,332
Jan. 1, 1925	6	37,000	541	2,827,837
May 1, 1925	4	11,000	550	2,853,842
Jan. 1, 1926	2	5,500	510	2,852,967
Jan. 1, 1927	7	61,000	466	3,061,007
Jan. 1, 1928	5	22,000	423	3,250,380

[1] From the Bureau of the Census.

Summary by States, January 1, 1928

State	Number				Capacity, barrels per day			
	Building	Shut down	Operating	Total	Building	Shut down	Operating	Total
Arizona		1	2	3		500	800	1,300
Arkansas	1	3	7	11	2,500	3,740	29,500	35,740
California		19	54	73		40,175	811,600	851,775
Colorado			3	3			3,450	3,450
Georgia			1	1			5,000	5,000
Illinois		2	8	10		4,000	97,500	101,500
Indiana			4	4			112,500	112,500
Iowa		1		1		500		500
Kansas		7	15	22		16,300	117,200	133,500
Kentucky		4	5	9		11,200	9,400	20,600
Louisiana		5	13	18		9,800	195,380	205,180
Maryland		2	3	5		6,200	47,000	53,200
Massachusetts			3	3			61,000	61,000
Michigan			1	1			1,500	1,500
Missouri		1	2	3		2,000	15,500	17,500
Montana		4	14	18		1,450	24,500	25,950
Nebraska		1		1		1,500		1,500
New Jersey	1		7	8			286,000	286,000
New Mexico		2	5	7		2,100	3,100	5,200
New York			4	4			30,700	30,700
Ohio		1	12	13		1,200	55,050	56,250
Oklahoma		15	41	56		47,850	243,300	291,150
Pennsylvania		4	48	52		3,980	192,250	196,230
Rhode Island			2	2			12,500	12,500
South Carolina			1	1			15,000	15,000
Tennessee		1		1		250		250
Texas	3	21	50	74	19,500	59,060	543,820	622,380
Utah		1	1	2		200	4,500	4,700
Virginia			1	1			2,500	2,500
Washington			2	2			5,000	5,000
West Virginia			5	5			11,800	11,800
Wyoming		2	12	14		2,250	98,775	101,025
Total	5	97	326	428	22,000	214,255	3,036,125	3,272,380

Census of cracking plants in the United States, 1926 and 1927

	1926 [1]				1927 [2]				
	Number of units	Total charging capacity	Total potential gasoline output	Percentage recovery	Number of units	Charging capacity, barrels per day			
						Operating	Shut down	Building	Total
SUMMARY BY LOCATION									
District:		*Barrels*	*Barrels*						
East coast	392	184,700	56,530	30.6	429	168,000	78,000	10,000	256,000
Appalachian	143	27,376	9,113	33.3	75	35,000	4,000	5,000	44,000
Indiana, Illinois, etc	671	186,156	58,845	31.6	475	186,000	59,000		245,000
Oklahoma, Kansas, etc	455	157,500	51,859	32.9	433	153,000	39,000		192,000
Texas	354	206,165	65,722	31.9	437	280,000	10,000	7,000	297,000
Louisiana and Arkansas	161	51,840	18,830	36.3	71	63,000	20,000		83,000
Rocky Mountain	337	79,803	26,178	32.8	355	56,000	26,000		82,000
California	46	46,550	15,070	32.4	59	72,000	17,000		89,000
Total	2,559	940,090	302,147	32.1	2,334	1,013,000	253,000	22,000	1,288,000
State:									
Arkansas	22	9,700	4,780	49.3	24				13,000
California	46	46,550	15,070	32.4	59				89,000
Illinois	94	43,900	14,990	34.1	117				71,000
Indiana	328	98,000	30,958	31.6	256				138,000
Kansas	182	55,000	16,649	30.3	205				71,000
Kentucky	66	19,600	5,640	28.8	66				19,000
Louisiana	139	42,140	14,050	33.3	47				70,000
New Jersey	239	83,700	24,950	29.8	261				114,000
Ohio	248	32,197	9,692	30.1	46				27,000
Oklahoma	211	88,500	30,570	34.5	142				99,000
Pennsylvania	126	69,035	21,045	30.5	122				100,000
Texas	354	206,165	65,722	31.9	437				296,000
Wyoming	303	74,000	24,430	33.0	338				70,000
Other	201	71,603	23,601	33.0	214				111,000
Total	2,559	940,090	302,147	32.1	2,334				1,288,000

[1] Compiled as of June 1, 1926.

[2] Compiled as of Dec. 31, 1927.

Census of cracking plants in the United States, 1926 and 1927—Continued

	1926				1927				
	Number of units	Total charging capacity	Total potential gasoline output	Percentage recovery	Number of units	Charging capacity, barrels per day			
						Operating	Shut down	Building	Total
SUMMARY BY TYPE OF PROCESS		*Barrels*	*Barrels*						
Bruin	25	2,520	885	35.1	27				6,000
Burton	1,555	337,805	107,477	31.8	1,219				247,000
Cross	134	123,600	36,991	29.9	154				211,000
Dubbs	137	94,800	37,840	39.9	168				148,000
Fleming	30	7,200	2,825	39.2	31				8,000
Holmes-Manley	90	90,000	30,628	34.0	150				207,000
Jenkins	18	16,100	4,640	28.8	32				34,000
Tube and tank	69	67,200	21,473	32.0	121				152,000
Other	501	200,865	59,388	29.6	432				275,000
Total	2,559	940,090	302,147	32.1	2,334				1,288,000
SUMMARY BY STATUS OF OPERATION									
Operating	2,337	844,800	270,503	32.0	1,435				1,013,000
Building	41	47,600	15,950	33.5	10				253,000
Shut down	181	47,690	15,694	32.9	889				22,000
Total	2,559	940,090	302,147	32.1	2,334				1,288,000

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