# 11. International Petroleum

Figure 11.1a World Crude Oil Production Overview

(Million Barrels per Day)

World Production, 1973–2015 90 –

World

OPEC
OPEC

OPEC

Persian Gulf Nations

 World Production, Monthly

100 -

80 – World

60 **-**

Non-OPEC

OPEC

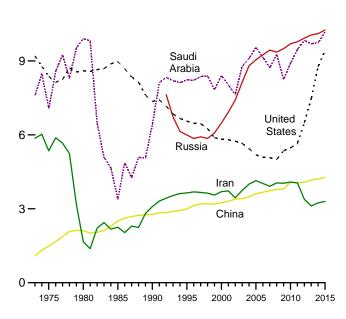
Persian Gulf Nations

20 —

## Selected Producers, 1973-2015

12**-**

60 -



Notes: • OPEC is the Organization of the Petroleum Exporting Countries. • The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in "Per-

## Selected Producers, Monthly

12 – Saudi Arabia

9 – United States

China

sian Gulf Nations."

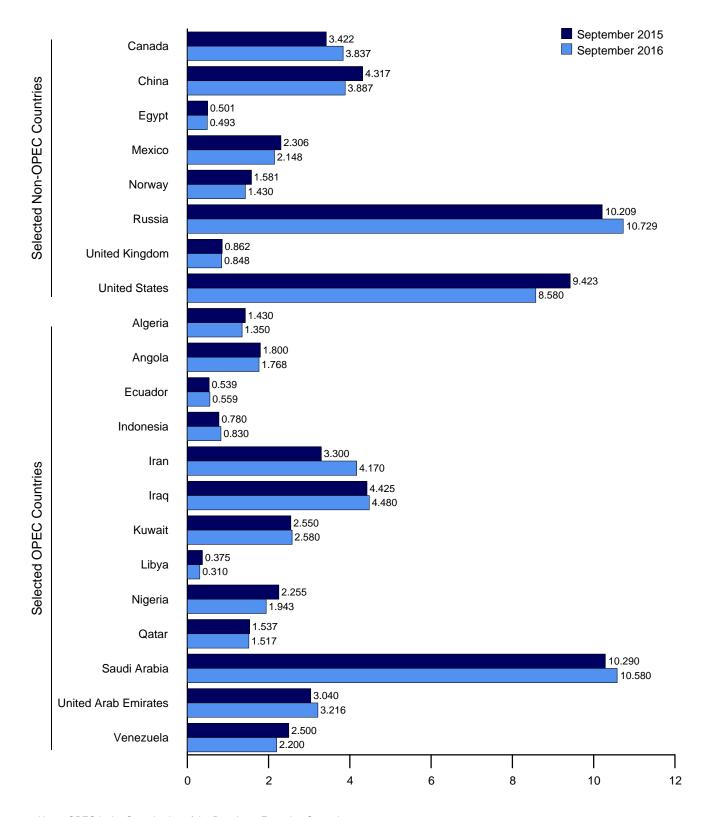
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3.

Web Page: http://www.eia.gov/totalenergy/data/monthly/#international. Sources: Tables 11.1a and 11.1b.

Figure 11.1b World Crude Oil Production by Selected Countries

(Million Barrels per Day)



Note: OPEC is the Organization of the Petroleum Exporting Countries. Web Page: http://www.eia.gov/totalenergy/data/monthly/#international.

Sources: Tables 11.1a and 11.1b.

Table 11.1a World Crude Oil Production: Selected OPEC Members

(Thousand Barrels per Day)

	Algeria	Angola	Ecuador	Indo- nesia	Iran	Iraq	Kuwait <sup>a</sup>	Libya	Nigeria	Qatar	Saudi Arabia <sup>a</sup>	United Arab Emirates	Vene- zuela	Total OPEC <sup>b</sup>
1973 Average 1975 Average 1980 Average 1985 Average 1990 Average 1995 Average	1,097 983 1,106 1,036 1,180 1,162 1,227	162 165 150 231 475 646 709	209 161 204 281 285 392 396	1,339 1,307 1,577 1,325 1,462 1,503 1,547	5,861 5,350 1,662 2,250 3,088 3,643 3,686	2,018 2,262 2,514 1,433 2,040 560 579	3,020 2,084 1,656 1,023 1,175 2,057 2,062	2,175 1,480 1,787 1,059 1,375 1,390 1,401	2,054 1,783 2,055 1,495 1,810 1,993 2,001	570 438 472 301 406 442 510	7,596 7,075 9,900 3,388 6,410 8,231 8,218	1,533 1,664 1,709 1,193 2,117 2,233 2,278	3,366 2,346 2,168 1,677 2,137 2,750 2,938	31,150 27,319 27,135 16,864 24,230 27,367 27,919
1997 Average 1998 Average 2000 Average 2001 Average 2002 Average 2003 Average 2004 Average	1,259 1,226 1,177 1,214 1,265 1,349 1,516 1,582	714 735 745 746 742 896 903 1,052	388 375 373 395 412 393 411 528	1,520 1,518 1,472 1,428 1,340 1,249 1,155 1,096	3,664 3,634 3,557 3,696 3,724 3,444 3,743 4,001	1,155 2,150 2,508 2,571 2,390 2,023 1,308 2,011	2,007 2,085 1,898 2,079 1,998 1,894 2,136 2,376	1,446 1,390 1,319 1,410 1,367 1,319 1,421 1,515	2,132 2,153 2,130 2,165 2,256 2,118 2,275 2,329	550 696 665 742 730 709 807 901	8,362 8,389 7,833 8,404 8,031 7,634 8,775 9,101	2,316 2,345 2,169 2,368 2,205 2,082 2,348 2,478	3,280 3,167 2,826 3,155 3,010 2,604 2,335 2,557	29,164 30,217 29,002 30,687 29,739 27,965 29,374 31,767
2005 Average 2006 Average 2007 Average 2008 Average 2019 Average 2010 Average 2011 Average 2012 Average 2013 Average	1,692 1,699 1,708 1,705 1,585 1,540 1,540 1,532 1,462	1,239 1,398 1,724 1,951 1,877 1,909 1,756 1,787 1,803	532 536 511 505 486 486 500 504 526	1,067 1,019 964 974 949 945 902 860 828	4,139 4,028 3,912 4,050 4,037 4,080 4,054 3,387 3,113	1,878 1,996 2,086 2,375 2,391 2,399 2,626 2,983 3,054	2,529 2,535 2,464 2,586 2,350 2,300 2,530 2,635 2,650	1,633 1,681 1,702 1,736 1,650 1,650 465 1,367 918	2,627 2,440 2,350 2,165 2,208 2,455 2,550 2,520 2,367	978 996 1,083 1,198 1,279 1,459 1,571 1,551	9,550 9,152 8,722 9,261 8,250 8,900 9,458 9,832 9,693	2,535 2,636 2,603 2,681 2,413 2,415 2,679 2,804 2,820	2,565 2,511 2,490 2,510 2,520 2,410 2,500 2,500 2,500	33,230 32,863 32,562 33,945 32,236 33,194 33,373 34,492 33,508
2014 January	1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420 1,420	1,663 1,733 1,673 1,743 1,683 1,663 1,713 1,813 1,813 1,848 1,813 1,733 1,742	550 551 557 560 554 555 558 551 557 563 561 <b>556</b>	789 789 789 789 789 789 789 789 789 789	3,270 3,260 3,230 3,230 3,230 3,150 3,150 3,250 3,300 3,300 3,300 3,300 3,300	3,125 3,425 3,325 3,300 3,325 3,195 3,225 3,515 3,465 3,465 3,775 <b>3,368</b>	2,650 2,650 2,650 2,650 2,650 2,650 2,650 2,650 2,650 2,575 2,500 2,500 2,500 2,500	510 380 250 210 230 235 435 530 785 950 615 510 <b>471</b>	2,470 2,420 2,370 2,420 2,320 2,420 2,470 2,520 2,470 2,320 2,440 2,440 2,440 <b>2,423</b>	1,563 1,563 1,563 1,553 1,553 1,553 1,553 1,553 1,513 1,513 1,503 1,503 1,503 1,503	9,940 9,890 9,690 9,690 9,690 9,690 9,840 9,740 9,640 9,740 9,640 9,735	2,820 2,820 R 2,920 R 2,720 R 2,970 R 2,970 R 3,000 R 2,900 R 2,860 R 2,890 R 2,930 R 2,894	2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500	33,490 33,621 R 33,157 R 33,005 R 33,084 R 33,140 R 33,718 R 34,026 R 34,026 R 34,057 R 33,618 R 33,821 R 33,517
Petron January February March April May June July August September October November December Average	1,430 1,430 1,430 1,430 1,430 1,430 1,430 1,430 1,430 1,430 1,430 1,430	1,820 1,770 1,720 1,790 1,770 1,820 1,850 1,870 1,800 1,770 1,820 1,820 1,820	558 553 548 543 544 538 537 539 538 537 533 543	789 789 778 808 810 763 772 784 780 776 776 791 <b>785</b>	3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300 3,300	3,475 3,325 3,725 3,775 3,925 4,275 4,325 4,425 4,425 4,425 4,425 4,425 4,425	2,550 2,650 2,650 2,650 2,550 2,550 2,550 2,550 2,550 2,550 2,550 2,550 2,450 2,450 2,562	370 360 475 505 430 410 400 360 375 415 375 370 <b>404</b>	2,407 2,389 2,332 2,380 2,105 2,155 2,205 2,255 2,255 2,320 2,320 2,260 <b>2,280</b>	1,514 1,520 1,525 1,531 1,532 1,537 1,537 1,537 1,537 1,537 1,537 1,537 1,537	9,640 9,740 10,140 10,140 10,340 10,490 10,290 10,290 10,240 10,140 10,140 10,168	R 2,960 R 2,970 R 2,980 R 3,010 R 3,020 R 3,030 R 3,040 R 3,040 R 3,050 R 3,040 R 3,050 R 3,040 R 3,050 R 3,040	2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500 2,500	R 33,528 R 33,511 R 34,323 R 34,572 R 34,460 R 35,016 R 35,052 R 34,893 R 35,036 R 34,901 R 34,901 R 34,915 R 34,831 R 34,592
2016 January	1,350 1,350 1,350 1,350 1,350 1,330 1,350 1,350 1,350 1,348	1,798 1,793 1,798 1,793 1,818 1,823 1,829 1,833 1,768 1,806	534 540 552 555 556 550 545 550 559 <b>549</b>	R 820 R 830 R 836 R 815 R 826 R 833 R 833 R 830 830	3,350 3,550 3,700 4,000 4,100 4,120 4,130 4,150 4,170 <b>3,920</b>	4,475 4,225 4,225 4,475 4,355 4,405 4,415 R 4,460 4,480 <b>4,391</b>	2,500 2,550 2,550 2,320 2,550 2,570 2,570 2,570 2,580 <b>2,529</b>	370 360 320 330 285 330 310 250 310	2,238 2,193 2,113 2,093 1,808 1,938 1,873 1,913 1,943 <b>2,011</b>	1,497 1,517 1,537 1,537 1,537 1,537 1,537 1,537 1,537 1,517 <b>1,528</b>	10,240 10,240 10,240 10,240 10,340 10,540 10,670 10,640 10,580 <b>10,415</b>	R 3,105 R 2,885 R 2,910 R 2,920 R 3,100 R 3,135 R 3,156 R 3,186 3,216 3,069	2,400 2,400 2,400 2,400 2,300 2,280 2,220 2,210 2,200 <b>2,312</b>	R 34,887 R 34,643 R 34,741 R 35,038 R 35,135 R 35,601 R 35,648 R 35,689 35,713 35,235
2015 9-Month Average 2014 9-Month Average	1,430 1,420	1,801 1,723	545 555	786 789	3,300 3,219	3,946 3,305	2,583 2,650	410 396	2,275 2,431	1,530 1,552	10,166 9,756	3,009 2,894	2,500 2,500	34,494 33,410

<sup>&</sup>lt;sup>a</sup> Except for the period from August 1990 through May 1991, includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. As of July 2015 all Neutral Zone production is offline. Data for Saudi Arabia include approximately 150 thousand barrels per day from the Abu Safah field produced on behalf of Bahrain.

<sup>b</sup> See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. On Tables 11.1a and 11.1b, countries are classified as "OPEC" or "Non-OPEC" in Sall years based on their status in the most current year. For example Equador.

all years based on their status in the most current year. For example, Ecuador

rejoined OPEC in 2007 and is thus included in "Total OPEC" for all years. R=Revised.

Notes: • Data are for crude oil and lease condensate; they exclude natural gas plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#international (Excel and CSV files) for all available annual and monthly data beginning in 1973. Sources: See end of section.

Table 11.1b World Crude Oil Production: Persian Gulf Nations, Non-OPEC, and World

(Thousand Barrels per Day)

		Selected Non-OPEC <sup>a</sup> Producers									T	
	Persian Gulf Nations <sup>b</sup>	Canada	China	Egypt	Mexico	Norway	Former U.S.S.R.	Russia	United Kingdom	United States	Total Non- OPEC <sup>a</sup>	World
1973 Average	18,934 17,961 9,630	1,798 1,430 1,435 1,471 1,553 1,805	1,090 1,490 2,114 2,505 2,774 2,990	165 235 595 887 873 920	465 705 1,936 2,745 2,553 2,711	32 189 486 773 1,630 2,766	8,324 9,523 11,706 11,585 10,975	NA NA NA NA NA 5,995	2 12 1,622 2,530 1,820 2,489	9,208 8,375 8,597 8,971 7,355 6,560	24,529 25,509 32,423 37,101 36,267 35,066	55,679 52,828 59,558 53,965 60,497 62,434
1996 Average 1997 Average 1998 Average 1999 Average 2000 Average 2001 Average 2002 Average	17,367 18,095 19,337 18,667 19,897 19,114 17,824	1,837 1,922 1,981 1,907 1,977 2,029 2,171	3,131 3,200 3,198 3,195 3,249 3,300 3,390	922 856 834 852 768 720 715	2,944 3,104 3,160 2,998 3,104 3,218 3,263	3,091 3,142 3,011 3,019 3,222 3,226 3,131	   	5,850 5,920 5,854 6,079 6,479 6,917 7,408	2,568 2,518 2,616 2,684 2,275 2,282 2,292	6,465 6,452 6,252 5,881 5,822 5,801 5,744	35,899 36,641 36,815 36,965 37,839 38,393 39,325	63,818 65,806 67,032 65,967 68,527 68,132 67,290
2003 Average	21,644 21,377 20,904 22,186 20,754 21,589 22,953 23,233	2,306 2,398 2,369 2,525 2,628 2,579 2,579 2,741 2,901 3,138	3,409 3,485 3,609 3,673 3,736 3,790 3,796 4,078 4,052 4,074	713 673 623 535 530 566 587 568 551 539	3,459 3,476 3,423 3,345 3,143 2,839 2,646 2,621 2,600 2,593	3,042 2,954 2,698 2,491 2,270 2,182 2,067 1,871 1,760 1,612	     	8,132 8,805 9,043 9,247 9,437 9,357 9,495 9,694 9,774 9,922	2,093 1,845 1,649 1,490 1,498 1,391 1,328 1,233 1,026 888	5,649 5,441 5,184 5,086 5,077 5,000 5,353 5,475 5,646 6,487	40,086 40,829 40,635 40,613 40,613 40,103 40,633 41,427 41,351 41,629	69,460 72,595 73,866 73,476 73,175 74,048 72,869 74,621 74,724 76,121
2013 Average	22,932	<b>3,325</b> 3,568	<b>4,164</b> 4,182	<b>524</b> 518	<b>2,562</b> 2,545	<b>1,533</b> 1,629		<b>10,054</b> 10,131	<b>801</b> 825	<b>7,468</b> 8,033	<b>42,739</b> 43,802	<b>76,248</b> 77,292
Petron June July September October November December Average	23,657 R 23,427 R 23,192 R 23,417 R 23,387 R 23,408 R 23,518 R 23,503 R 23,503 R 23,698 R 23,445	3,578 3,685 3,556 3,467 3,548 3,589 3,547 3,595 3,727 3,714 3,780 <b>3,613</b>	4,215 4,167 4,142 4,189 4,272 4,091 4,129 4,202 4,252 4,319 4,344 4,208	513 513 507 514 510 516 509 517 522 537 527 517	2,541 2,511 2,518 2,530 2,476 2,427 2,455 2,430 2,402 2,401 2,392 <b>2,469</b>	1,611 1,597 1,613 1,358 1,459 1,588 1,546 1,517 1,615 1,600 1,616 <b>1,562</b>		10,106 10,103 10,083 10,083 10,095 10,003 10,056 10,079 10,176 10,173 10,197	929 909 820 869 752 705 468 748 790 798 846 <b>787</b>	8,127 8,262 8,605 8,604 8,718 8,815 8,876 9,047 9,233 9,307 9,496 <b>8,764</b>	44,169 44,132 44,171 43,984 44,360 44,294 44,246 44,722 45,354 45,698 46,307 <b>44,605</b>	77,790 R 77,289 R 77,176 R 77,069 R 77,501 R 77,757 R 77,964 R 78,748 R 79,411 R 79,316 R 80,128 R 78,122
Pebruary February March April May June July August September October November December Average	R 23,555 R 24,370 R 24,456 R 24,717 R 25,232 R 25,192 R 24,992 R 25,102 R 25,002 R 24,992 R 24,992 R 24,962	3,885 3,906 3,775 3,463 3,212 3,457 3,821 3,922 3,422 3,582 3,819 3,866 3,677	4,232 4,218 4,256 4,258 4,271 4,408 4,263 4,278 4,317 4,259 4,297 4,275 <b>4,278</b>	508 516 525 503 512 504 524 523 501 517 494 509 <b>511</b>	2,290 2,370 2,356 2,235 2,263 2,283 2,308 2,291 2,306 2,314 2,310 2,308 <b>2,302</b>	1,579 1,589 1,586 1,614 1,555 1,596 1,611 1,599 1,581 1,685 1,644 1,682 1,610		10,231 10,181 10,264 10,111 10,270 10,166 10,213 10,268 10,209 10,341 10,361 10,407 10,253	872 812 867 925 1,016 870 839 788 862 912 972 979 893	9,379 9,517 9,566 9,627 9,472 9,320 9,418 9,384 9,423 9,358 9,304 9,225 <b>9,415</b>	46,014 46,047 46,198 45,560 45,301 45,279 45,718 45,748 45,265 45,550 45,977 46,177 <b>45,736</b>	R 79,542 R 79,558 R 80,520 R 80,132 R 79,761 R 80,295 R 80,770 R 80,641 R 80,301 R 80,451 R 80,892 R 81,008 R 80,328
2016 January February March April May June July August September 9-Month Average	R 25,017 R 25,212 R 25,542 R 26,032 R 26,357 R 26,528 R 26,593 26,593	3,877 3,797 3,767 3,429 2,811 3,112 3,657 3,854 3,837 <b>3,571</b>	4,166 4,133 4,091 4,036 3,973 4,034 3,938 3,874 3,887 <b>4,014</b>	498 497 497 496 495 495 494 493 493 <b>495</b>	2,294 2,247 2,249 2,210 2,207 2,213 R 2,193 R 2,180 2,148 <b>2,216</b>	1,657 1,675 1,632 1,666 1,608 1,480 1,762 1,603 1,430 1,613	     	10,485 10,485 10,522 10,450 10,440 10,453 10,254 10,316 10,729 <b>10,458</b>	1,002 1,014 987 1,004 992 898 8 964 837 848 <b>949</b>	E 9,194 E 9,147 E 9,174 E 8,947 E 8,882 E 8,711 RE 8,691 RE 8,747 E 8,580 E 8,897	45,927 45,578 45,338 44,374 R 43,843 R 43,938 R 44,467 R 44,244 44,595 44,699	R 80,814 R 80,221 R 80,079 R 79,412 R 78,978 R 79,539 R 80,115 R 79,933 80,308 <b>79,933</b>
2015 9-Month Average 2014 9-Month Average		3,651 3,570	4,278 4,176	513 513	2,300 2,492	1,590 1,546	==	10,213 10,082	873 779	9,455 8,567	45,680 44,207	80,175 77,617

<sup>&</sup>lt;sup>a</sup> See "Organization of the Petroleum Exporting Countries (OPEC)" in Glossary. On Tables 11.1a and 11.1b, countries are classified as "OPEC" or "Non-OPEC" in all years based on their status in the most current year. For example, Ecuador rejoined OPEC in 2007 and is thus included in "Total OPEC" for all years.

<sup>b</sup> Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, United Arab Emirates, and the Neutral Zone (between Kuwait and Saudi Arabia).

R≥Revised NA≥Not available − = Not applicable F=Fstimate

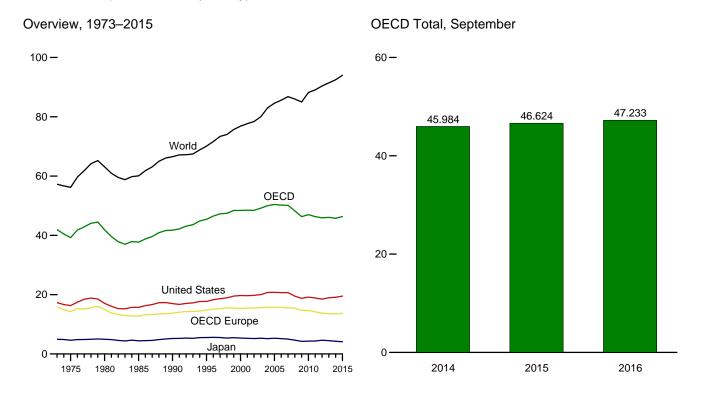
plant liquids. • Monthly data are often preliminary figures and may not average to plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#international (Excel and CSV files) for all available annual and monthly data beginning in 1973. Sources: See end of section.

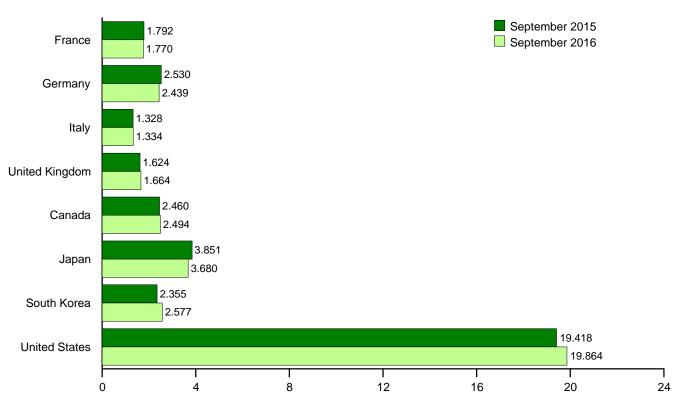
R=Revised. NA=Not available. — =Not applicable. E=Estimate.

Notes: • Data are for crude oil and lease condensate; they exclude natural gas

Figure 11.2 Petroleum Consumption in OECD Countries (Million Barrels per Day)



# By Selected OECD Countries



**Table 11.2 Petroleum Consumption in OECD Countries** 

(Thousand Barrels per Day)

				United	OECD			South	United	Other		
	France	Germanya	Italy	Kingdom	Europeb	Canada	Japan	Korea	States	OECDc	OECDd	World
1973 Average	2,601	3,324	2,068	2,341	15,879	1,729	4,949	281	17,308	1,768	41,913	57.237
1975 Average	2,252	2,957	1,855	1,911	14,314	1,779	4,621	311	16,322	1,885	39,232	56,198
1980 Average	2,256	3,082	1,934	1,725	14,995	1,873	4,960	537	17,056	2,449	41,870	63,113
1985 Average	1.753	2.651	1,705	1,617	12,770	1,514	4,436	552	15.726	2,699	37.697	60.083
1990 Average	1.827	2,682	1.868	1,776	13,759	1,722	5.217	1.048	16,988	3.030	41,764	66,539
	1,915	2,882	1,942	1,816	14,832	1,799	5.546	2,008	17,725	3,478	45,388	70.081
1995 Average	1,913	2,922	1,942	1,852		1,799			18,309	3,513		
1996 Average			1,920	1,810	15,144		5,591	2,101 2,255		3,604	46,511	71,659
1997 Average	1,962	2,917			15,292	1,940	5,549		18,620		47,261	73,383
1998 Average	2,040	2,923	1,943	1,792	15,592	1,931	5,348	1,917	18,917	3,739	47,444	74,032
1999 Average	2,034	2,836	1,891	1,811	15,503	2,016	5,486	2,084	19,519	3,775	48,384	75,702
2000 Average	2,001	2,767	1,854	1,765	15,352	2,008	5,357	2,135	19,701	3,871	48,424	76,845
2001 Average	2,054	2,807	1,835	1,747	15,533	2,029	5,265	2,132	19,649	3,873	48,480	77,666
2002 Average	1,991	2,710	1,870	1,739	15,491	2,040	5,187	2,149	19,761	3,825	48,453	78,388
2003 Average	2,001	2,679	1,860	1,759	15,616	2,155	5,298	2,175	20,034	3,897	49,174	80,028
2004 Average	2,008	2,648	1,829	1,789	15,718	2,233	5,163	2,155	20,731	4,001	50,002	83,001
2005 Average	1,990	2,624	1,781	1,819	15,714	2,296	5,298	2,191	20,802	4,114	50,416	84,588
2006 Average	1,991	2,636	1,777	1,806	15,718	2,294	5,168	2,180	20,687	4,150	50,197	85,592
2007 Average	1,978	2,407	1,729	1,751	15,534	2,389	5,009	2,240	20,680	4,268	50,121	86,788
2008 Average	1,940	2,533	1,667	1,730	15,424	2,342	4,664	2,142	19,498	4,191	48,261	85,974
2009 Average	1,863	2,434	1,544	1,649	14,711	2,283	4,257	2,188	18,771	4,105	46,316	84,978
2010 Average	1,822	2,467	1,544	1,626	14,694	2,375	4,328	2,269	19,180	4,153	46,998	88,206
2011 Average	1,779	2,392	1,494	1,582	14,215	2,405	4,345	2,259	18,882	4,216	46,322	89,091
2012 Average	1,739	2,389	1,370	1,535	13,741	2,470	4,630	2,322	18,490	4,271	45,924	90,381
2013 Average	1,714	2,435	1,260	1,527	13,582	2,455	4,504	2,328	R 18,961	4,240	46,067	91,420
2014 January	1,630	2,270	1,219	1,405	12,621	2,414	4,996	2,361	19,102	4,043	45,537	NA
February	1,733	2,285	1,269	1,611	13,338	2,528	5,242	2,382	18,908	4,257	46,654	NA
March	1,663	2,436	1,227	1,453	13,280	2,338	4,832	2,335	18,464	4,172	45,421	NA
April	1,727	2,388	1,236	1,533	13,513	2,259	4,020	2,286	18,849	4,115	45,042	NA
May	1,573	2,326	1,272	1,446	13,190	2,328	3,752	2,336	18,585	4,185	44,376	NA
June	1,720	2,266	1,261	1,587	13,670	2,409	3,738	2,327	18,890	4,124	45,158	NA
July	1,825	2,463	1,348	1,489	14,032	2,480	3,889	2,311	19,283	4,209	46,204	NA
August	1,661	2,414	1,218	1,561	13,605	2,394	3,861	2,378	19,400	4,048	45,686	NA
September	1,768	2,476	1,316	1,553	14,076	2,489	3,757	2,302	19,246	4,115	45,984	NA
October	1,762	2,484	1,309	1,526	13,972	2,437	3,911	2,254	19,691	4,194	46,459	NA
November	1.513	2,368	1,208	1,526	13.087	2.378	4.260	2.368	19.370	4.107	45,570	NA
December	1,729	2,301	1,313	1,560	13,421	2,434	5,002	2,533	19,457	4,242	47,090	NA
Average	1,692	2,374	1,266	1,520	13,484	2,407	4,267	2,348	19,106	4,150	45,761	R <b>92,482</b>
2015 January	1,642	2,291	1,123	1,432	12,983	2,443	4,547	2,466	19,218	4,045	45,702	NA
February	1,782	2,431	1,227	1,655	13,871	2,528	5,062	2,506	19,677	4,215	R 47,859	NA
March	1,691	2,388	1,219	1,478	13,484	2,339	4,530	2,403	19,352	4,213	46,321	NA
April	1,720	2,360	1,307	1,570	13,691	2,282	4,154	2,377	19,263	4,037	45,805	NA
May	1,540	2,189	1,224	1,486	13,005	2,321	3,589	2,201	19,301	4,124	44,540	NA
June	1,773	2,317	1,293	1,559	13,955	2,393	3,669	2,304	19,841	4,185	46,346	NA
July	1,809	2,390	1,391	1,495	14,143	2,441	3,791	2,289	20,126	4,278	47,069	NA
August	1,675	2,415	1,240	1,579	13,901	2,457	3,909	2,442	19,930	4,190	R 46,829	NA
September	1,792	2,530	1,328	1,624	14,358	2,460	3,851	2,355	19,418	4,182	46,624	NA
October	1,663	2,431	1,285	1,529	13,812	2,441	3,828	2,407	19,500	4,258	46,246	NA
November	1,497	2,393	1,250	1,580	13,415	2,405	3,969	2,522	19,144	4,211	R 45,667	NA
December	1,716	2,345	1,303	1,570	13,801	2,368	4,607	2,618	19,600	4,274	47,268	NA
Average	1,691	2,372	1,266	1,545	13,698	2,406	4,120	2,407	19,531	4,185	46,347	R 94,006
2016 January	1,591	2,314	1,122	1,504	12,939	2,425	4,336	2,631	19,055	4,076	R 45,462	NA
February	1,725	2,476	1,122	1,633	R 13,949	2,423	4,620	2,684	19,680	4,076	R 47,581	NA
March	1,759	2,477	1,266	1,565	R 13,986	2,358	4,348	2,470	19,616	4,202	R 47,068	NA
April	1,702	R 2,477	1,200	1,647	R 14,058	2,336	3,930	2,470	19,264	4,290	R 46,060	NA
	1,702	R 2,297	1,260	1,546	R 13,684	2,314	3,537	2,433	19,204	4,120	R 45,412	NA
May	1,709	R 2,345	1,317	1,661	R 14,040	2,339	3,518	2,479	19,202	4,120	R 46,479	NA NA
June		R 2,413			R 14,040					R 4,089	R 46,515	
July	1,718 1.726	R 2,472	1,319 1.265	1,566 R 1,617	R 14,113	2,456 R 2,586	3,737 3.818	2,409 2.621	19,712 20.131	R 4,089	R 47,956	NA NA
August		2,472			14,589	2,586				4.059	47,956	
September 9-Month Average	1,770 <b>1,698</b>	2,439 <b>2,412</b>	1,334 <b>1,270</b>	1,664 <b>1,599</b>	14,559 <b>13,989</b>	2,494 <b>2,425</b>	3,680 <b>3,945</b>	2,577 <b>2,536</b>	19,864 <b>19,590</b>	4,059 <b>4,149</b>	47,233 <b>46,634</b>	NA <b>NA</b>
	.,	-,	., •	.,	,3	_,	-,	-,	,	.,	,	
2015 9-Month Average	1.712	2.367	1,261	1,540	13,705	2.406	4,115	2,370	19,569	4,163	46,328	NA

<sup>&</sup>lt;sup>a</sup> Data are for unified Germany, i.e., the former East Germany and West

R=Revised. NA=Not available.

Notes: • Totals may not equal sum of components due to independent

rounding. • U.S. geographic coverage is the 50 states and the District of

See http://www.eia.gov/totalenergy/data/monthly/#international Web Page: See http://www.eia.gov/totalenergy/data/monthly/#international (Excel and CSV files) for all available annual and monthly data beginning in 1973. Sources: • United States: Table 3.1. • Chile, East Germany, Former Czechoslovakia, Hungary, Mexico, Poland, South Korea, Non-OECD Countries, U.S. Territories, and World: 1973–1979—U.S. Energy Information Administration (EIA), International Energy Database. • Countries Other Than United States: 1980–2008—EIA, International Energy Statistics (IES). • OECD Countries, and U.S. Territories: 2009 forward—EIA, IES. • World: 2009 forward—EIA, Short Term Energy Outlook, December 2016, Table 3a. • All Other Data:—International Energy Agency (IEA), Quarterly Oil Statistics and Energy Balances in OECD Countries, various issues. Balances in OECD Countries, various issues.

Germany.

b "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom; for 1984 forward, Czech Republic, Hungary, Poland, and Slovakia; and, for 2000 forward,

Slovenia.

Cell Trepublic, Tulingary, Folanic, and Slovenia, and, for 2000 foliward, Slovenia.

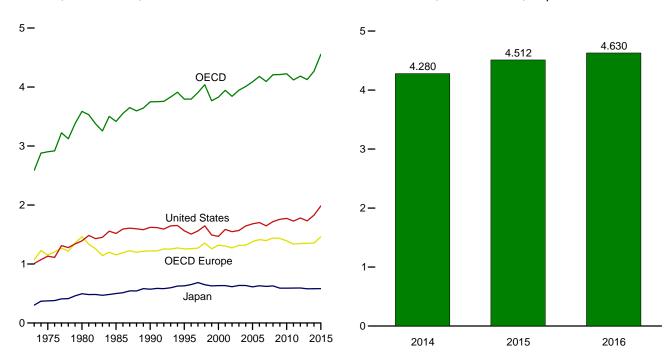
Cell Total Cell Trepublic, Tulingary, Folanic, and Slovenia, and the U.S. Territories; for 1984 forward, Mexico; and, for 2000 forward, Chile, Estonia, and Israel.

The Organization for Economic Cooperation and Development (OECD) consists of "OECD Europe," Canada, Japan, South Korea, the United States, and "Other OECD."

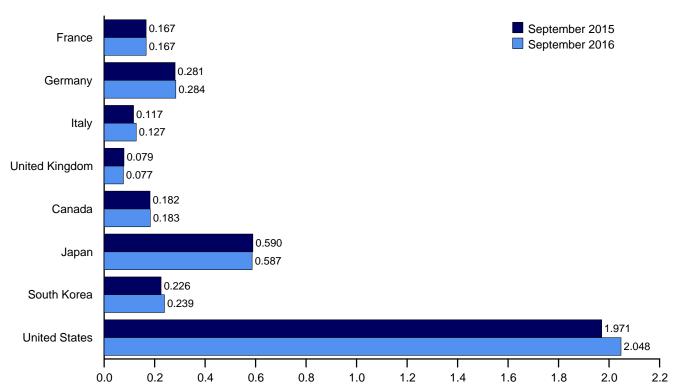
Figure 11.3 Petroleum Stocks in OECD Countries (Billion Barrels)

Overview, End of Year, 1973-2015

OECD Stocks, End of Month, September



Selected OECD Countries, End of Month



Note: OECD is the Organization for Economic Cooperation and Development. Web Page: http://www.eia.gov/totalenergy/data/monthly/#international. Source: Table 11.3.

Table 11.3 Petroleum Stocks in OECD Countries

(Million Barrels)

	France	Germanya	Italy	United Kingdom	OECD Europe <sup>b</sup>	Canada	Japan	South Korea	United States	Other OECD <sup>c</sup>	OECDd
		, , , , , ,	,	9				110100			
1973 Year	201	181	152	156	1,070	140	303	NA	1,008	67	2,588
1975 Year	225	187	143	165	1,154	174	375	NA	1,133	67	2,903
1980 Year	243	319	170	168	1,464	164	495	NA	1,392	72	3,587
985 Year	139	277	156	131	1,154	112	500	13	1,519	119	3,417
990 Year	143	280	171	103	1,222	143	572	64	1,621	126	3,749
995 Year	155	302	162	101	1,256	132	631	92	1,563	122	3,795
996 Year	154	303	152	103	1,259	127	651	123	1,507	127	3,794
997 Year	161	299	147	100	1,271	144	685	124	1,560	123	3,907
998 Year	169	323	153	104	1,355	139	649	129	1,647	120	4,039
999 Year	160 170	290 272	148	101	1,258 1,318	141 143	629 634	132	1,493	114 126	3,766
000 Year	165	272 273	157 151	100 113	1,318	154	634	140	1,468		3,829 3,944
001 Year	170						634 615	143	1,586	120	
002 Year		253	156	104	1,273	155		140	1,548	112	3,843
003 Year	179 177	273 267	153 154	100	1,316 1,319	165 154	636 635	155 149	1,568	105 108	3,945 4.010
004 Year	185	283	154	101 95	1,319	168	612	135	1,645 1,682	112	4,010
005 Year	182	283				169		152		113	
006 Year	180	263 275	153 152	103 92	1,413 1,398	163	631 621	143	1,703 1,648	121	4,180 4,094
007 Year 008 Year	179	275 279	148	92	1,441	162	629	135	1,719	121	4,094
	175	284	146	89	1,441	157	591	155			
009 Year	168	287	140	83	1,432	184	590	165	1,758 1.773	118 119	4,212 4,224
010 Year	165	281	135	80	1,338	178	590 592	167	1,773	117	4,224
011 Year	162	288	126	80	1,347	174	594	181	1,720	107	4,184
012 Year 013 Year	167	290	125	78	1,350	170	580	185	1,732	111	4,127
013 16ai	107	290	123	70	1,550	170	300	103	1,732		4,127
014 January	171	290	128	76	1,370	170	583	184	1,718	112	4,137
February	167	295	124	77	1,365	176	580	188	1,719	114	4,142
March	167	288	123	76	1,353	174	589	193	1,727	110	4,147
April	167	290	122	75 75	1,349	178	578	187	1,755	112	4,159
May	172	292	128	75 75	1,372	176	587	191	1,784	115	4,225
June	168 170	290 286	122 120	75 72	1,357 1.351	179 187	589 595	188 190	1,787	112	4,212 4,227
July	170	286	125	72 77	1,351	187	605	190	1,791 1,796	114 117	4,227
August	173	283	123	77 75	1,365	186	608	197	1,796	117	4,273
September	169	280	117	73 73	1,349	185	609	197	1,803	114	4,256
October	168	282	124	76	1,349	188	597	202	1,803	112	4,250
November	168	284	119	78	1,351 1,355	193	581	202 <b>197</b>	1,812	114	4,263 <b>4,267</b>
December	100	204	119	70	1,355	193	301	197	1,027	114	4,207
015 January	170	284	116	73	1,371	192	574	197	1,850	114	4,298
February	170	286	113	75	1,383	184	568	198	1,850	112	4,294
March	173	284	121	76	1,407	183	568	201	1,883	110	4,352
April	170	284	124	85	1,411	185	558	210	1,909	110	4,382
May	175	288 286	122	78 77	1,419	181	582	224	1,931	107	4,444
June	170		117	77	1,409	176	578	225	1,941	113	4,442
July	168	281	116	74 77	1,401	184	589	223	1,939	113	4,449
August	167	283 281	123	77 79	1,429	185	594 590	227 226	1,962	110	4,508
September	167		117		1,432	182	588	223	1,971	110	4,512
October	165 164	280 281	118 117	80 83	1,436 1.446	183 187	588 582	223 222	1,979 1.992	106 104	4,514
November December	168	285	117	აა <b>81</b>	1,446 1,461	188	582	222 228	1,992 1,985	104 109	4,533 <b>4,553</b>
	4				ŕ						
016 January	171	287	120	83	1,486	187	580	219	2,009	111	4,592
February	169	289	123	81	1,493	183	564	233	2,013	107	4,593
March	166	289	120	80	1,479	184	560	236	2,021	109	R 4,589
April	171	287	126	78	1,479	180	566	230	2,032	111	R 4,598
May	167	R 290	123	81	1,485	169	574	235	2,048	112	R 4,622
June	167	288	121	82	1,476	175	573	238	2,047	114	R 4,624
July	169	290	125	75 P 70	1,497	186	577	238	2,062	116	R 4,675
August	167	286	130	R 79	R 1,482	R 186	585	233	2,063	R 111	4,660
September	167	284	127	77	1,463	183	587	239	2,048	110	4,630

<sup>&</sup>lt;sup>a</sup> Through December 1983, the data for Germany are for the former West Germany only. Beginning with January 1984, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

b "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France,

R=Revised. NA=Not available.

Notes: • Stocks are at end of period. • Petroleum stocks include crude oil

(including strategic reserves), unfinished oils, natural gas plant liquids, and refined products. • In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, thereby affecting subsequent stocks reported. New-basis end-of-year U.S. stocks, in million barrels,

subsequent stocks reported. New-basis end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 states and the District of Columbia.

Web Page: See http://www.eia.gov/totalenergy/data/monthly/#international (Excel and CSV files) for all available annual and monthly data beginning in 1973. Sources: • United States: Table 3.4. • U.S. Territories: 1983 forward—U.S. Energy Information Administration, International Energy Database.

All Other Data: 1973—1982—International Energy Agency (IEA), Quarterly Oil Statistics and Energy Balances, various issues. 1983—IEA, Monthly Oil and Gas Statistics Database. 1984 forward—IEA, Monthly Oil Data Service, December 15, 2016. 2016.

Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom; for 1984 forward, Czech Republic, Hungary, Poland, and Slovakia; and, for 2000 forward,

Slovenia.

C "Other OECD" consists of Australia, New Zealand, and the U.S. Territories; for

<sup>1984</sup> forward, Mexico; and, for 2000 forward, Chile, Estonia, and Israel.

<sup>d</sup> The Organization for Economic Cooperation and Development (OECD) consists of "OECD Europe," Canada, Japan, South Korea, the United States, and "Other OECD."

# **International Petroleum**

## Tables 11.1a and 11.1b Sources

# **United States**

December 2016.

Table 3.1.

# All Other Countries and World, Annual Data

1973–1979: U.S. Energy Information Administration (EIA), *International Energy Annual 1981*, Table 8. 1980 forward: EIA, International Energy Statistics Database, December 2016.

## All Other Countries and World, Monthly Data

1973–1980: *Petroleum Intelligence Weekly (PIW), Oil & Gas Journal (OGJ)*, and EIA adjustments. 1981–1993: *PIW, OGJ*, and other industry sources. 1994 forward: EIA, International Energy Statistics Database,