Table 6. Operable Crude Oil and Downstream Charge Capacity of Petroleum Refineries, January 1, 1987 to January 1, 2016

(Thousand Barrels per Stream Day, Except Where Noted)

JAN 1, 1987			Downstream Charge Capacity							
District		Atmospheric					Catalytic			Fuels
JAN 1, 1987 16,400 6,935 1328 5,251 466 1,189 3,805 9,083 23 3,101 1,198 16,825 7,198 2,000 5,424 381 1,202 3,881 9,170 2,201 3,01 1,199 16,568 7,225 2,073 5,324 326 1,228 3,911 9,440 24 3,000 1,000 16,507 7,245 2,108 5,441 314 1,282 3,806 9,537 22 3,000 1,000 1,000 1,000 1,000 7,245 2,108 5,441 314 1,282 3,806 9,537 22 3,000 1,	Year/PAD	Crude Oil	Vacuum	Thermal	Catalytic	Cracking	Hydro-	Catalytic	Hydrotreating/	Solvent
JAN 1, 1988	District	Distillation	Distillation	Cracking	Fresh	Recycled	Cracking	Reforming	Desulfurization	Deasphalting
JAN 1, 1989	JAN 1, 1987	16,460	6,935	1,928	5,251	466	1,189	3,805	9,083	230
JAN 1, 1990	JAN 1, 1988	16,825	7,198	2,080	5,424	381	1,202	3,891	9,170	240
JAN 1, 1991	JAN 1, 1989	16,568	7,225	2,073	5,324	326	1,238	3,911	9,440	245
JAN 1, 1992	JAN 1, 1990	16,507	7,245	2,108	5,441	314	1,282	3,896	9,537	279
JAN 1, 1993	JAN 1, 1991	16,557	7,276	2,158	5,559	304	1,308	3,926	9,676	271
JAN 1, 1994	JAN 1, 1992	16,633	7,127	2,100	5,608	280	1,363	3,907	9,644	276
JAN 1, 1995	JAN 1, 1993	15,935	6,892	2,082	5,540	244	1,397	3,728	9,677	269
JAN 1, 1997	JAN 1, 1994	15,904	6,892	2,107	5,586	191	1,376	3,875	10,616	261
NAN 1,999	JAN 1, 1995	16,326	7,248	2,123	5,583	169	1,386	3,867	10,916	251
JAN 1, 2000	JAN 1, 1997	16,287	7,349	2,050	5,595	155	1,388	3,727	11,041	275
JAN 1, 2001	JAN 1, 1999	17,155	7,538	2,046	5,920	153	1,552	3,779	11,461	319
JAN 1, 2002	JAN 1, 2000	17,393	7,617	2,163	5,949	99	1,576	3,770	11,440	351
JAN 1, 2003 17,675 7,788 2,377 6,052 79 1,644 3,777 11,987 38 JAN 1, 2004 17,815 7,964 2,435 6,098 87 1,602 3,812 13,501 36 JAN 1, 2005 18,031 8,120 2,491 6,151 87 1,624 3,836 14,087 38 JAN 1, 2006 18,308 8,398 2,540 6,188 87 1,637 3,889 14,808 33 JAN 1, 2007 18,425 8,521 2,564 6,219 82 1,791 3,908 15,447 37 JAN 1, 2008 18,681 8,542 2,639 6,292 79 1,743 3,829 16,131 38 JAN 1, 2010 18,581 8,543 2,632 6,140 92 1,820 3,721 16,665 37 JAN 1, 2011 18,953 8,650 2,672 6,220 96 1,856 3,721 16,685 33 JAN 1, 2013 <td>JAN 1, 2001</td> <td>17,511</td> <td>7,798</td> <td>2,277</td> <td>5,983</td> <td>86</td> <td>1,615</td> <td>3,797</td> <td>11,673</td> <td>350</td>	JAN 1, 2001	17,511	7,798	2,277	5,983	86	1,615	3,797	11,673	350
JAN 1, 2004	JAN 1, 2002	17,676	7,779	2,329	5,989	80	1,633	3,753	11,845	362
JAN 1, 2005 18,031 8,120 2,491 6,151 87 1,624 3,836 14,087 38 JAN 1, 2006 18,308 8,398 2,540 6,188 87 1,637 3,859 14,808 38 JAN 1, 2007 18,425 8,251 2,564 6,219 82 1,791 3,908 15,447 37 JAN 1, 2008 18,558 8,421 2,606 6,266 79 1,770 3,892 15,807 37 JAN 1, 2010 18,581 8,542 2,639 6,292 79 1,743 3,829 16,131 38 JAN 1, 2010 18,581 8,543 2,632 6,140 92 1,826 3,700 16,023 38 JAN 1, 2011 18,953 8,660 2,672 6,220 96 1,856 3,721 16,683 38 JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,566 37 JAN 1, 2014 <td>JAN 1, 2003</td> <td>17,675</td> <td></td> <td>2,377</td> <td>6,052</td> <td>79</td> <td>1,644</td> <td>3,777</td> <td>11,987</td> <td>350</td>	JAN 1, 2003	17,675		2,377	6,052	79	1,644	3,777	11,987	350
JAN 1, 2006 18,308 8,398 2,540 6,188 87 1,637 3,859 14,808 38 JAN 1, 2007 18,425 8,251 2,564 6,219 82 1,771 3,908 15,447 37 JAN 1, 2008 18,558 8,421 2,606 6,266 79 1,770 3,892 15,807 37 JAN 1, 2010 18,681 8,542 2,639 6,292 79 1,743 3,829 16,131 38 JAN 1, 2010 18,581 8,543 2,632 6,140 92 1,820 3,700 16,023 38 JAN 1, 2012 18,560 8,660 2,672 6,220 96 1,856 3,721 16,683 38 JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,680 36 JAN 1, 2014 19,064 8,987 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2016 <td>JAN 1, 2004</td> <td>17,815</td> <td>7,964</td> <td>2,435</td> <td>6,098</td> <td>87</td> <td>1,602</td> <td>3,812</td> <td>13,501</td> <td>366</td>	JAN 1, 2004	17,815	7,964	2,435	6,098	87	1,602	3,812	13,501	366
JAN 1, 2007	JAN 1, 2005	18,031	8,120	2,491	6,151	87	1,624	3,836	14,087	384
JAN 1, 2008	JAN 1, 2006	18,308	8,398	2,540	6,188	87	1,637	3,859	14,808	386
JAN 1, 2009 18,681 8,542 2,639 6,292 79 1,743 3,829 16,131 38 JAN 1, 2010 18,581 8,543 2,632 6,140 92 1,820 3,700 16,023 38 JAN 1, 2011 18,953 8,650 2,672 6,220 96 1,856 3,721 16,683 38 JAN 1, 2012 18,560 8,680 2,673 6,033 85 1,880 3,642 16,565 37 JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,860 36 JAN 1, 2014 19,064 8,997 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2016 19,508 8,973 2,983 6,062 76 2,318 3,743 17,483 33 PADD I 1,353 586 82 499 5 45 264 1,030 2 PADD III 10,118 <td>JAN 1, 2007</td> <td>18,425</td> <td>8,251</td> <td>2,564</td> <td>6,219</td> <td>82</td> <td>1,791</td> <td>3,908</td> <td>15,447</td> <td>379</td>	JAN 1, 2007	18,425	8,251	2,564	6,219	82	1,791	3,908	15,447	379
JAN 1, 2010 18,581 8,543 2,632 6,140 92 1,820 3,700 16,023 38 JAN 1, 2011 18,953 8,650 2,672 6,220 96 1,866 3,721 16,683 38 JAN 1, 2012 18,560 8,680 2,763 6,033 85 1,880 3,642 16,665 37 JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,860 36 JAN 1, 2014 19,064 8,987 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2015 19,134 8,979 2,975 6,012 76 2,305 3,741 17,095 37 JAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 33 PADD I 1,535 586 82 499 5 45 264 1,030 2 PADD II 4,221	JAN 1, 2008	18,558	8,421	2,606	6,266	79	1,770	3,892	15,807	378
JAN 1, 2011 18,953 8,650 2,672 6,220 96 1,856 3,721 16,683 38 JAN 1, 2012 18,560 8,680 2,763 6,033 85 1,880 3,642 16,565 37 JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,680 36 JAN 1, 2014 19,064 8,987 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2015 19,134 8,979 2,975 6,012 76 2,305 3,741 17,024 37 JAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 37 PADD I 1,353 566 82 499 5 45 264 1,030 2 PADD II 4,221 1,775 577 1,339 16 322 893 3,867 1 1 PADD IV 720 </td <td>JAN 1, 2009</td> <td>18,681</td> <td>8,542</td> <td>2,639</td> <td>6,292</td> <td>79</td> <td>1,743</td> <td>3,829</td> <td>16,131</td> <td>381</td>	JAN 1, 2009	18,681	8,542	2,639	6,292	79	1,743	3,829	16,131	381
JAN 1, 2012	JAN 1, 2010	18,581	8,543	2,632	6,140	92	1,820	3,700	16,023	383
JAN 1, 2013 18,972 8,938 2,877 6,089 84 2,081 3,758 16,860 36 JAN 1, 2014 19,064 8,987 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2015 19,134 8,979 2,975 6,012 76 2,305 3,741 17,324 37 JAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 33 PADD I 1,353 586 82 499 5 45 264 1,030 2 PADD III 4,221 1,775 577 1,339 16 322 893 3,867 1 PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 2 19,668 9,074 2,985	JAN 1, 2011	18,953	8,650	2,672	6,220	96	1,856	3,721	16,683	383
JAN 1, 2014 19,064 8,987 2,959 6,032 76 2,208 3,759 17,095 37 JAN 1, 2015 19,134 8,979 2,975 6,012 76 2,305 3,741 17,324 37 JAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 37 PADD I 1,533 586 82 499 5 45 264 1,030 2 PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD IV 720 256 90 210 5 55 134 592 PADD I 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 3 19,668 9,074 2,985 <td>JAN 1, 2012</td> <td>18,560</td> <td>8,680</td> <td>2,763</td> <td>6,033</td> <td>85</td> <td>1,880</td> <td>3,642</td> <td>16,565</td> <td>375</td>	JAN 1, 2012	18,560	8,680	2,763	6,033	85	1,880	3,642	16,565	375
JAN 1, 2015 19,134 8,979 2,975 6,012 76 2,305 3,741 17,324 37 JAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 33 PADD II 1,353 586 82 499 5 45 264 1,030 2 PADD III 4,221 1,775 577 1,339 16 322 893 3,867 1 PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 4 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 33 PADD I 1,353 586 82 499	JAN 1, 2013	18,972	8,938	2,877	6,089	84	2,081	3,758	16,860	368
DAN 1, 2016 19,508 9,073 2,983 6,052 76 2,318 3,743 17,483 37,745 17,483 37,745 17,483 37,745 17,483 37,745 17,483 37,745 17,483 37,745 17,483 37,745 17,483 37,745 17,483 38,745 17,483 38,745 17,483 38,745 17,483 38,745 17,483 38,745 17,483 38,745 17,483 38,745 17,483 38,745 18,74	JAN 1, 2014	19,064	8,987	2,959	6,032	76	2,208	3,759	17,095	370
PADD I 1,353 586 82 499 5 45 264 1,030 2 PADD II 4,221 1,775 577 1,339 16 322 893 3,867 1 PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 88 JAN 1, 2017 a 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 33 PADD II 1,353 586 82 499 5 45 264 1,046 2 PADD II 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 88 2016-2017 a 160 1 2 9 0 55 2 141 PADD II 0 0 0 0 0 0 0 0 0 0 0 0 0 0 PADD II 0 35 0 2 0 0 26 0 0 26 PADD II 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	·		·				·	·	·	370
PADD II 4,221 1,775 577 1,339 16 322 893 3,867 1 PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 33 PADD II 1,353 586 82 499 5 45 264 1,046 2 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 </td <td></td> <td>•</td> <td></td> <td>·</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>371</td>		•		·	•					371
PADD III 10,118 4,830 1,636 3,118 34 1,309 1,864 9,319 24 PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 a 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 37 PADD I 1,353 586 82 499 5 45 264 1,046 2 PADD III 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588										22 18
PADD IV 720 256 90 210 5 55 134 592 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 a 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 33 PADD I 1,353 586 82 499 5 45 264 1,046 2 PADD III 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 a 160 1 2 9 0 55 2 141										
PADD V 3,096 1,626 599 887 16 586 588 2,675 8 JAN 1, 2017 a 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 37 PADD I 1,353 586 82 499 5 45 264 1,046 2 PADD II 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 a 160 1 2 9 0 55 2 141 PADD I 0 0 0 0 0 0 26 0										
JAN 1, 2017 a 19,668 9,074 2,985 6,061 76 2,373 3,745 17,624 37 PADD I 1,353 586 82 499 5 45 264 1,046 2 PADD II 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 a 160 1 2 9 0 55 2 141 PADD I 0 0 0 0 0 0 0 16 PADD III 35 0 2 0 0 26 0 26 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td>										6
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PADD II 4,256 1,775 579 1,339 16 348 893 3,893 1 PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 4 160 1 2 9 0 55 2 141 PADD I 0 0 0 0 0 0 16 PADD III 35 0 2 0 0 26 0 26 PADD III 110 0 0 0 0 23 2 98 PADD IV 15 0 0 8 0 6 0 1 1										371 22
PADD III 10,228 4,830 1,636 3,118 34 1,332 1,866 9,417 24 PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 a 160 1 2 9 0 55 2 141 7 PADD I 0 0 0 0 0 0 16 9 16 16 9 16 9 16 16 9 16 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>18</td></t<>										18
PADD IV 735 256 90 218 5 61 134 593 PADD V 3,096 1,626 599 887 16 586 588 2,675 8 2016-2017 a 160 1 2 9 0 55 2 141 PADD I 0 0 0 0 0 0 16 PADD III 35 0 2 0 0 26 0 26 PADD III 110 0 0 8 0 6 0 1										
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2016-2017 a 160 1 2 9 0 55 2 141 PADD I 0 0 0 0 0 0 16 PADD II 35 0 2 0 0 26 0 26 PADD III 110 0 0 0 0 23 2 98 PADD IV 15 0 0 8 0 6 0 1										6
PADD I 0 0 0 0 0 0 0 16 PADD II 35 0 2 0 0 26 0 26 PADD III 110 0 0 0 0 23 2 98 PADD IV 15 0 0 8 0 6 0 1			·						·	80
PADD II 35 0 2 0 0 26 0 26 PADD III 110 0 0 0 0 23 2 98 PADD IV 15 0 0 8 0 6 0 1										0
PADD III 110 0 0 0 0 23 2 98 PADD IV 15 0 0 8 0 6 0 1										0
PADD IV 15 0 0 8 0 6 0 1										
										0
PADD V 0 0 0 0 0 0 0										0
	PADD V	0	0	0	0	0	0	0	0	0

^a Projected data from refiners.

Notes

NA = Not available.

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."

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Totals may not equal sum of components due to independent rounding.

The EIA-820 refinery capacity survey was not conducted for January 1, 1996 or January 1, 1998.