

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Energy Consumption													
Residential													
Distillate Fuel	0.013	0.013	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Kerosene	0.011	0.006	0.007	0.010	0.010	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.011
Liquefied Petroleum Gas	0.041	0.040	0.037	0.039	0.041	0.042	0.044	0.045	0.045	0.046	0.047	0.048	0.049
Petroleum Subtotal	0.065	0.059	0.055	0.062	0.064	0.066	0.067	0.068	0.069	0.070	0.071	0.072	0.072
Natural Gas	0.672	0.682	0.673	0.724	0.732	0.747	0.761	0.778	0.792	0.809	0.822	0.837	0.845
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/	0.076	0.075	0.072	0.075	0.076	0.076	0.077	0.078	0.078	0.079	0.080	0.080	0.081
Electricity	0.451	0.432	0.440	0.445	0.448	0.452	0.456	0.461	0.464	0.470	0.476	0.485	0.492
Delivered Energy	1.264	1.248	1.240	1.308	1.322	1.342	1.362	1.386	1.405	1.428	1.450	1.475	1.491
Electricity Related Losses	0.745	0.713	0.653	0.751	0.752	0.766	0.775	0.794	0.778	0.786	0.796	0.799	0.801
Total	2.009	1.961	1.893	2.058	2.074	2.108	2.137	2.181	2.183	2.214	2.246	2.274	2.292
Commercial													
Distillate Fuel	0.027	0.026	0.030	0.030	0.032	0.033	0.034	0.034	0.035	0.036	0.036	0.037	0.038
Residual Fuel	0.001	0.001	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquefied Petroleum Gas	0.005	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Motor Gasoline 2/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Petroleum Subtotal	0.039	0.039	0.043	0.046	0.046	0.047	0.048	0.049	0.050	0.050	0.051	0.052	0.053
Natural Gas	0.397	0.378	0.372	0.379	0.386	0.396	0.405	0.414	0.424	0.435	0.445	0.454	0.462
Coal	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Renewable Energy 3/	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Electricity	0.522	0.501	0.515	0.526	0.546	0.563	0.579	0.595	0.611	0.628	0.647	0.672	0.701
Delivered Energy	0.981	0.943	0.955	0.975	1.002	1.030	1.056	1.082	1.109	1.138	1.167	1.201	1.239
Electricity Related Losses	0.863	0.827	0.765	0.887	0.915	0.955	0.985	1.025	1.024	1.051	1.083	1.106	1.141
Total	1.844	1.770	1.720	1.863	1.917	1.985	2.041	2.106	2.132	2.189	2.250	2.307	2.380
Industrial 4/													
Distillate Fuel	0.098	0.094	0.094	0.092	0.092	0.093	0.093	0.094	0.093	0.095	0.096	0.098	0.100
Liquefied Petroleum Gas	0.034	0.029	0.028	0.028	0.039	0.040	0.042	0.044	0.046	0.048	0.051	0.054	0.057
Petrochemical Feedstocks	0.011	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.014
Residual Fuel	0.009	0.013	0.013	0.013	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Motor Gasoline 2/	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.018	0.018
Other Petroleum 5/	0.661	0.641	0.628	0.620	0.744	0.765	0.771	0.768	0.774	0.787	0.800	0.810	0.820
Petroleum Subtotal	0.823	0.804	0.789	0.781	0.911	0.935	0.943	0.943	0.951	0.968	0.986	1.000	1.016
Natural Gas	0.932	0.930	0.947	0.990	0.919	0.923	0.933	0.955	0.968	0.979	0.989	1.005	1.020
Lease and Plant Fuel 6/	0.333	0.327	0.388	0.404	0.420	0.430	0.437	0.444	0.449	0.455	0.460	0.464	0.469
Natural Gas Subtotal	1.265	1.257	1.335	1.394	1.338	1.353	1.370	1.399	1.417	1.434	1.449	1.469	1.488
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Steam Coal	0.077	0.073	0.069	0.069	0.070	0.071	0.071	0.071	0.071	0.072	0.073	0.073	0.074
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.077	0.073	0.069	0.069	0.070	0.071	0.071	0.071	0.071	0.072	0.073	0.073	0.074
Renewable Energy 7/	0.243	0.245	0.246	0.257	0.269	0.277	0.283	0.289	0.296	0.305	0.314	0.323	0.332
Electricity	0.378	0.392	0.386	0.395	0.414	0.421	0.427	0.432	0.437	0.443	0.451	0.459	0.467
Delivered Energy	2.786	2.770	2.825	2.896	3.003	3.057	3.095	3.134	3.172	3.222	3.272	3.324	3.377
Electricity Related Losses	0.624	0.646	0.574	0.665	0.695	0.713	0.726	0.743	0.732	0.742	0.754	0.756	0.760
Total	3.410	3.417	3.398	3.561	3.697	3.770	3.821	3.877	3.904	3.964	4.025	4.080	4.138
Transportation													
Distillate Fuel 8/	0.587	0.566	0.574	0.599	0.623	0.644	0.663	0.681	0.700	0.722	0.743	0.763	0.784

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Jet Fuel 9/	0.900	0.877	0.857	0.880	0.911	0.940	0.963	0.990	1.014	1.041	1.063	1.089	1.112
Motor Gasoline 2/	2.388	2.454	2.510	2.604	2.676	2.738	2.795	2.851	2.900	2.955	3.011	3.071	3.133
Residual Fuel	0.278	0.237	0.258	0.259	0.260	0.261	0.262	0.263	0.264	0.265	0.265	0.266	0.267
Liquefied Petroleum Gas	0.003	0.003	0.004	0.004	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.011
Other Petroleum 10/	0.027	0.039	0.039	0.040	0.039	0.040	0.040	0.041	0.041	0.041	0.041	0.042	0.042
Petroleum Subtotal	4.182	4.176	4.242	4.386	4.516	4.630	4.731	4.834	4.928	5.032	5.133	5.240	5.348
Pipeline Fuel Natural Gas	0.037	0.037	0.036	0.035	0.036	0.037	0.037	0.037	0.038	0.039	0.039	0.039	0.038
Compressed Natural Gas	0.002	0.002	0.003	0.004	0.005	0.006	0.006	0.007	0.008	0.009	0.009	0.010	0.011
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity	0.012	0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.015	0.015	0.015	0.016	0.016
Delivered Energy	4.233	4.228	4.293	4.438	4.570	4.686	4.789	4.893	4.988	5.095	5.197	5.305	5.414
Electricity Related Losses	0.020	0.020	0.019	0.022	0.022	0.023	0.024	0.025	0.024	0.025	0.026	0.026	0.026
Total	4.253	4.248	4.312	4.460	4.593	4.710	4.812	4.918	5.013	5.120	5.223	5.331	5.440
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.724	0.699	0.709	0.734	0.760	0.783	0.803	0.822	0.842	0.865	0.888	0.911	0.934
Kerosene	0.013	0.007	0.008	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.012
Jet Fuel 9/	0.900	0.877	0.857	0.880	0.911	0.940	0.963	0.990	1.014	1.041	1.063	1.089	1.112
Liquefied Petroleum Gas	0.082	0.078	0.074	0.077	0.092	0.095	0.099	0.103	0.106	0.110	0.114	0.118	0.122
Motor Gasoline 2/	2.410	2.476	2.533	2.626	2.699	2.761	2.817	2.874	2.923	2.978	3.035	3.094	3.157
Petrochemical Feedstocks	0.011	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.014
Residual Fuel	0.288	0.251	0.272	0.275	0.269	0.271	0.272	0.272	0.273	0.274	0.275	0.275	0.276
Other Petroleum 12/	0.681	0.678	0.664	0.658	0.782	0.804	0.810	0.807	0.813	0.826	0.840	0.850	0.861
Petroleum Subtotal	5.109	5.079	5.129	5.275	5.537	5.678	5.789	5.894	5.997	6.120	6.240	6.364	6.489
Natural Gas	2.003	1.992	1.995	2.097	2.043	2.072	2.105	2.154	2.192	2.231	2.266	2.306	2.337
Lease and Plant Fuel 6/	0.333	0.327	0.388	0.404	0.420	0.430	0.437	0.444	0.449	0.455	0.460	0.464	0.469
Pipeline Natural Gas	0.037	0.037	0.036	0.035	0.036	0.037	0.037	0.037	0.038	0.039	0.039	0.039	0.038
Natural Gas Subtotal	2.373	2.357	2.419	2.537	2.498	2.538	2.579	2.635	2.679	2.726	2.765	2.809	2.844
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Steam Coal	0.086	0.082	0.078	0.079	0.080	0.081	0.081	0.081	0.081	0.082	0.082	0.083	0.084
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.086	0.082	0.078	0.079	0.080	0.081	0.081	0.081	0.081	0.082	0.082	0.083	0.084
Renewable Energy 13/	0.333	0.335	0.333	0.348	0.360	0.369	0.376	0.383	0.390	0.400	0.410	0.419	0.429
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Electricity	1.363	1.338	1.354	1.379	1.422	1.449	1.476	1.503	1.527	1.556	1.590	1.631	1.677
Delivered Energy	9.264	9.190	9.313	9.617	9.897	10.115	10.301	10.495	10.674	10.883	11.086	11.305	11.522
Electricity Related Losses	2.252	2.207	2.010	2.325	2.384	2.457	2.510	2.586	2.558	2.604	2.658	2.686	2.728
Total	11.516	11.396	11.323	11.942	12.281	12.572	12.811	13.081	13.232	13.487	13.744	13.991	14.250
Electric Generators 14/													
Distillate Fuel	0.059	0.012	0.015	0.012	0.015	0.016	0.016	0.016	0.017	0.016	0.017	0.018	0.018
Residual Fuel	0.067	0.101	0.097	0.093	0.103	0.105	0.107	0.109	0.106	0.107	0.109	0.111	0.114
Petroleum Subtotal	0.127	0.113	0.112	0.105	0.119	0.121	0.123	0.125	0.123	0.124	0.126	0.129	0.132
Natural Gas	1.199	0.836	0.645	0.776	0.846	0.885	0.905	0.937	0.941	0.878	0.893	0.899	0.923
Steam Coal	0.185	0.184	0.173	0.169	0.174	0.179	0.183	0.184	0.184	0.184	0.185	0.186	0.186
Nuclear Power	0.449	0.453	0.447	0.453	0.455	0.456	0.456	0.457	0.387	0.459	0.460	0.461	0.461
Renewable Energy/Other 15/	1.662	1.955	1.981	2.197	2.206	2.261	2.314	2.382	2.445	2.511	2.578	2.638	2.697
Electricity Imports	0.000	0.004	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total	3.615	3.544	3.364	3.704	3.806	3.906	3.986	4.089	4.085	4.161	4.248	4.317	4.405
Total Energy Consumption													
Distillate Fuel	0.783	0.711	0.724	0.746	0.776	0.799	0.819	0.839	0.858	0.882	0.906	0.929	0.952

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Kerosene	0.013	0.007	0.008	0.011	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.013	0.012
Jet Fuel 9/	0.900	0.877	0.857	0.880	0.911	0.940	0.963	0.990	1.014	1.041	1.063	1.089	1.112
Liquefied Petroleum Gas	0.082	0.078	0.074	0.077	0.092	0.095	0.099	0.103	0.106	0.110	0.114	0.118	0.122
Motor Gasoline 2/	2.410	2.476	2.533	2.626	2.699	2.761	2.817	2.874	2.923	2.978	3.035	3.094	3.157
Petrochemical Feedstocks	0.011	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.014	0.014
Residual Fuel	0.355	0.352	0.369	0.368	0.373	0.376	0.379	0.381	0.379	0.381	0.383	0.386	0.390
Other Petroleum 12/	0.681	0.678	0.664	0.658	0.782	0.804	0.810	0.807	0.813	0.826	0.840	0.850	0.861
Petroleum Subtotal	5.236	5.192	5.241	5.380	5.656	5.799	5.912	6.019	6.119	6.243	6.366	6.493	6.621
Natural Gas	3.202	2.828	2.640	2.873	2.889	2.957	3.010	3.091	3.133	3.109	3.159	3.205	3.260
Lease and Plant Fuel 6/	0.333	0.327	0.388	0.404	0.420	0.430	0.437	0.444	0.449	0.455	0.460	0.464	0.469
Pipeline Natural Gas	0.037	0.037	0.036	0.035	0.036	0.037	0.037	0.037	0.038	0.039	0.039	0.039	0.038
Natural Gas Subtotal	3.572	3.192	3.064	3.312	3.344	3.423	3.484	3.572	3.620	3.603	3.658	3.708	3.767
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Steam Coal	0.271	0.266	0.251	0.248	0.254	0.260	0.264	0.265	0.265	0.266	0.267	0.268	0.270
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coal Subtotal	0.271	0.266	0.251	0.248	0.254	0.260	0.264	0.265	0.265	0.266	0.267	0.268	0.270
Nuclear Power	0.449	0.453	0.447	0.453	0.455	0.456	0.456	0.457	0.387	0.459	0.460	0.461	0.461
Renewable Energy 16/	1.994	2.290	2.314	2.545	2.566	2.629	2.690	2.764	2.835	2.910	2.987	3.056	3.125
Electricity Imports	0.000	0.004	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total	11.522	11.396	11.323	11.942	12.281	12.572	12.811	13.081	13.232	13.487	13.744	13.991	14.250
Energy Use & Related Statistics													
Delivered Energy Use	9.264	9.190	9.313	9.617	9.897	10.115	10.301	10.495	10.674	10.883	11.086	11.305	11.522
Total Energy Use	11.516	11.396	11.323	11.942	12.281	12.572	12.811	13.081	13.232	13.487	13.744	13.991	14.250
Population (millions)	46.432	47.035	47.604	48.148	48.694	49.238	49.783	50.333	50.889	51.446	52.006	52.572	53.142

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2002-2025
Energy Consumption													
Residential													
Distillate Fuel	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	-0.4%
Kerosene	0.010	0.010	0.010	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008	0.007	0.9%
Liquefied Petroleum Gas	0.050	0.050	0.051	0.051	0.053	0.054	0.055	0.055	0.055	0.056	0.056	0.057	1.5%
Petroleum Subtotal	0.073	0.073	0.074	0.074	0.075	0.076	0.076	0.076	0.076	0.076	0.076	0.076	1.1%
Natural Gas	0.856	0.867	0.881	0.891	0.904	0.919	0.935	0.944	0.954	0.966	0.982	0.993	1.7%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.5%
Renewable Energy 1/	0.081	0.082	0.083	0.083	0.084	0.084	0.085	0.085	0.086	0.086	0.087	0.087	0.7%
Electricity	0.499	0.505	0.512	0.515	0.521	0.527	0.535	0.539	0.544	0.550	0.557	0.561	1.1%
Delivered Energy	1.510	1.529	1.550	1.565	1.584	1.607	1.632	1.645	1.661	1.679	1.702	1.719	1.4%
Electricity Related Losses	0.791	0.788	0.760	0.742	0.742	0.748	0.785	0.818	0.831	0.838	0.846	0.870	0.9%
Total	2.301	2.317	2.310	2.307	2.326	2.355	2.417	2.462	2.492	2.517	2.548	2.589	1.2%
Commercial													
Distillate Fuel	0.039	0.039	0.040	0.041	0.042	0.042	0.042	0.043	0.044	0.045	0.046	0.046	2.5%
Residual Fuel	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	3.7%
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.8%
Liquefied Petroleum Gas	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.6%
Motor Gasoline 2/	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.2%
Petroleum Subtotal	0.053	0.054	0.055	0.056	0.057	0.057	0.058	0.058	0.059	0.060	0.061	0.062	2.0%
Natural Gas	0.469	0.478	0.487	0.497	0.507	0.519	0.531	0.542	0.551	0.563	0.575	0.590	1.9%
Coal	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.1%
Renewable Energy 3/	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.0%
Electricity	0.729	0.753	0.775	0.797	0.819	0.843	0.867	0.891	0.915	0.940	0.966	0.993	3.0%
Delivered Energy	1.275	1.309	1.340	1.373	1.407	1.443	1.480	1.515	1.550	1.588	1.627	1.668	2.5%
Electricity Related Losses	1.155	1.174	1.150	1.147	1.168	1.196	1.272	1.352	1.398	1.432	1.467	1.540	2.7%
Total	2.430	2.483	2.491	2.520	2.575	2.640	2.752	2.867	2.948	3.020	3.093	3.208	2.6%
Industrial 4/													
Distillate Fuel	0.101	0.103	0.104	0.105	0.107	0.108	0.110	0.111	0.113	0.115	0.117	0.118	1.0%
Liquefied Petroleum Gas	0.060	0.062	0.063	0.065	0.075	0.082	0.088	0.094	0.101	0.108	0.113	0.117	6.2%
Petrochemical Feedstocks	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016	1.1%
Residual Fuel	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	-2.1%
Motor Gasoline 2/	0.018	0.019	0.019	0.019	0.019	0.020	0.020	0.020	0.020	0.021	0.021	0.021	1.1%
Other Petroleum 5/	0.824	0.825	0.833	0.839	0.839	0.846	0.838	0.841	0.846	0.847	0.847	0.853	1.2%
Petroleum Subtotal	1.024	1.030	1.040	1.050	1.062	1.077	1.078	1.089	1.103	1.114	1.120	1.133	1.5%
Natural Gas	1.033	1.048	1.063	1.084	1.106	1.126	1.145	1.159	1.178	1.200	1.222	1.248	1.3%
Lease and Plant Fuel 6/	0.473	0.478	0.482	0.487	0.550	0.615	0.620	0.624	0.629	0.647	0.665	0.670	3.2%
Natural Gas Subtotal	1.506	1.525	1.546	1.570	1.656	1.740	1.765	1.784	1.807	1.847	1.888	1.918	1.9%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.075	0.075	0.076	0.077	0.078	0.078	0.079	0.079	0.080	0.081	0.082	0.083	0.6%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.075	0.075	0.076	0.077	0.078	0.078	0.079	0.079	0.080	0.081	0.082	0.083	0.6%
Renewable Energy 7/	0.341	0.348	0.356	0.364	0.372	0.379	0.386	0.393	0.400	0.408	0.416	0.425	2.4%
Electricity	0.475	0.483	0.490	0.500	0.509	0.517	0.526	0.534	0.545	0.556	0.568	0.581	1.7%
Delivered Energy	3.421	3.461	3.508	3.560	3.678	3.792	3.834	3.879	3.935	4.006	4.074	4.139	1.8%
Electricity Related Losses	0.753	0.753	0.728	0.719	0.726	0.734	0.772	0.811	0.832	0.847	0.862	0.901	1.5%
Total	4.174	4.214	4.236	4.280	4.404	4.526	4.605	4.690	4.768	4.854	4.936	5.040	1.7%
Transportation													
Distillate Fuel 8/	0.802	0.819	0.837	0.856	0.874	0.891	0.909	0.926	0.947	0.968	0.991	1.015	2.6%

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2002-2025
Jet Fuel 9/	1.137	1.155	1.172	1.192	1.212	1.231	1.246	1.260	1.274	1.286	1.297	1.305	1.7%
Motor Gasoline 2/	3.186	3.236	3.285	3.332	3.383	3.432	3.483	3.537	3.590	3.648	3.706	3.772	1.9%
Residual Fuel	0.267	0.268	0.269	0.269	0.270	0.271	0.272	0.272	0.273	0.274	0.275	0.276	0.7%
Liquefied Petroleum Gas	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.014	6.6%
Other Petroleum 10/	0.043	0.043	0.044	0.045	0.045	0.046	0.047	0.047	0.048	0.048	0.049	0.050	1.0%
Petroleum Subtotal	5.446	5.534	5.618	5.706	5.797	5.884	5.970	6.057	6.145	6.238	6.331	6.433	1.9%
Pipeline Fuel Natural Gas	0.037	0.037	0.036	0.036	0.078	0.119	0.119	0.119	0.119	0.129	0.139	0.139	5.9%
Compressed Natural Gas	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.015	0.015	0.015	0.016	8.9%
Renewable Energy (E85) 11/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	7.8%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	N/A
Electricity	0.016	0.017	0.017	0.017	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.021	2.3%
Delivered Energy	5.512	5.600	5.684	5.772	5.907	6.036	6.123	6.210	6.299	6.402	6.507	6.609	2.0%
Electricity Related Losses	0.026	0.026	0.025	0.025	0.025	0.026	0.027	0.029	0.030	0.030	0.031	0.032	2.0%
Total	5.537	5.626	5.709	5.798	5.932	6.061	6.150	6.239	6.329	6.433	6.538	6.642	2.0%
Delivered Energy Consumption, All Sectors													
Distillate Fuel	0.955	0.974	0.994	1.015	1.036	1.053	1.074	1.093	1.116	1.140	1.164	1.191	2.3%
Kerosene	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.009	1.4%
Jet Fuel 9/	1.137	1.155	1.172	1.192	1.212	1.231	1.246	1.260	1.274	1.286	1.297	1.305	1.7%
Liquefied Petroleum Gas	0.127	0.130	0.132	0.134	0.146	0.155	0.161	0.168	0.175	0.184	0.190	0.194	4.1%
Motor Gasoline 2/	3.210	3.261	3.310	3.357	3.408	3.458	3.509	3.563	3.617	3.675	3.733	3.800	1.9%
Petrochemical Feedstocks	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016	1.1%
Residual Fuel	0.277	0.278	0.278	0.279	0.280	0.281	0.282	0.283	0.283	0.284	0.285	0.286	0.6%
Other Petroleum 12/	0.865	0.867	0.875	0.882	0.883	0.890	0.883	0.887	0.892	0.894	0.894	0.901	1.2%
Petroleum Subtotal	6.597	6.691	6.787	6.885	6.991	7.094	7.182	7.280	7.383	7.488	7.589	7.703	1.8%
Natural Gas	2.370	2.405	2.444	2.485	2.530	2.577	2.626	2.659	2.698	2.744	2.794	2.847	1.6%
Lease and Plant Fuel 6/	0.473	0.478	0.482	0.487	0.550	0.615	0.620	0.624	0.629	0.647	0.665	0.670	3.2%
Pipeline Natural Gas	0.037	0.037	0.036	0.036	0.078	0.119	0.119	0.119	0.119	0.129	0.139	0.139	5.9%
Natural Gas Subtotal	2.880	2.919	2.963	3.007	3.159	3.311	3.365	3.403	3.447	3.520	3.599	3.656	1.9%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.084	0.085	0.085	0.086	0.087	0.088	0.088	0.089	0.090	0.091	0.092	0.093	0.5%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.084	0.085	0.085	0.086	0.087	0.088	0.088	0.089	0.090	0.091	0.092	0.093	0.5%
Renewable Energy 13/	0.438	0.447	0.455	0.464	0.473	0.480	0.488	0.495	0.503	0.511	0.520	0.529	2.0%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	N/A
Electricity	1.719	1.757	1.794	1.829	1.867	1.906	1.946	1.983	2.024	2.066	2.111	2.155	2.1%
Delivered Energy	11.718	11.899	12.083	12.271	12.576	12.878	13.069	13.250	13.446	13.676	13.910	14.135	1.9%
Electricity Related Losses	2.724	2.741	2.664	2.633	2.661	2.704	2.857	3.009	3.092	3.148	3.205	3.343	1.8%
Total	14.442	14.640	14.747	14.904	15.237	15.582	15.925	16.259	16.538	16.823	17.115	17.479	1.9%
Electric Generators 14/													
Distillate Fuel	0.023	0.026	0.021	0.022	0.023	0.021	0.021	0.025	0.027	0.027	0.028	0.025	3.2%
Residual Fuel	0.118	0.119	0.120	0.120	0.124	0.125	0.128	0.132	0.133	0.134	0.138	0.140	1.4%
Petroleum Subtotal	0.141	0.145	0.142	0.142	0.147	0.146	0.149	0.156	0.160	0.161	0.166	0.165	1.7%
Natural Gas	0.903	0.889	0.810	0.759	0.787	0.798	0.792	0.793	0.779	0.721	0.737	0.746	-0.5%
Steam Coal	0.187	0.188	0.188	0.188	0.189	0.189	0.276	0.372	0.476	0.616	0.658	0.751	6.3%
Nuclear Power	0.462	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.1%
Renewable Energy/Other 15/	2.746	2.809	2.849	2.906	2.939	3.010	3.121	3.206	3.236	3.252	3.292	3.373	2.4%
Electricity Imports	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.001	0.001	-4.6%
Total	4.444	4.498	4.457	4.463	4.528	4.610	4.803	4.992	5.116	5.214	5.316	5.499	1.9%
Total Energy Consumption													
Distillate Fuel	0.978	1.000	1.015	1.037	1.058	1.075	1.094	1.117	1.143	1.166	1.192	1.216	2.4%

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)

Pacific	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2002-2025
Kerosene	0.012	0.012	0.012	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.009	1.4%
Jet Fuel 9/	1.137	1.155	1.172	1.192	1.212	1.231	1.246	1.260	1.274	1.286	1.297	1.305	1.7%
Liquefied Petroleum Gas	0.127	0.130	0.132	0.134	0.146	0.155	0.161	0.168	0.175	0.184	0.190	0.194	4.1%
Motor Gasoline 2/	3.210	3.261	3.310	3.357	3.408	3.458	3.509	3.563	3.617	3.675	3.733	3.800	1.9%
Petrochemical Feedstocks	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016	1.1%
Residual Fuel	0.395	0.396	0.399	0.399	0.405	0.406	0.410	0.414	0.416	0.419	0.424	0.426	0.8%
Other Petroleum 12/	0.865	0.867	0.875	0.882	0.883	0.890	0.883	0.887	0.892	0.894	0.894	0.901	1.2%
Petroleum Subtotal	6.738	6.836	6.929	7.027	7.138	7.240	7.330	7.436	7.542	7.649	7.755	7.868	1.8%
Natural Gas	3.273	3.294	3.255	3.244	3.317	3.376	3.418	3.453	3.478	3.466	3.532	3.593	1.0%
Lease and Plant Fuel 6/	0.473	0.478	0.482	0.487	0.550	0.615	0.620	0.624	0.629	0.647	0.665	0.670	3.2%
Pipeline Natural Gas	0.037	0.037	0.036	0.036	0.078	0.119	0.119	0.119	0.119	0.129	0.139	0.139	5.9%
Natural Gas Subtotal	3.783	3.808	3.773	3.766	3.946	4.110	4.157	4.197	4.226	4.241	4.336	4.402	1.4%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Steam Coal	0.272	0.273	0.274	0.275	0.276	0.277	0.364	0.460	0.566	0.706	0.749	0.844	5.2%
Net Coal Coke Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Coal Subtotal	0.272	0.273	0.274	0.275	0.276	0.277	0.364	0.460	0.566	0.706	0.749	0.844	5.2%
Nuclear Power	0.462	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.463	0.1%
Renewable Energy 16/	3.183	3.255	3.303	3.369	3.411	3.489	3.608	3.700	3.738	3.762	3.811	3.901	2.3%
Electricity Imports	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.001	0.001	-4.6%
Total	14.442	14.640	14.747	14.904	15.237	15.582	15.925	16.259	16.538	16.823	17.115	17.479	1.9%
Energy Use & Related Statistics													
Delivered Energy Use	11.718	11.899	12.083	12.271	12.576	12.878	13.069	13.250	13.446	13.676	13.910	14.135	1.9%
Total Energy Use	14.442	14.640	14.747	14.904	15.237	15.582	15.925	16.259	16.538	16.823	17.115	17.479	1.9%
Population (millions)	53.709	54.272	54.837	55.403	55.969	56.535	57.099	57.665	58.234	58.804	59.377	59.957	1.1%

Table 9. Energy Consumption by Sector and Source
(Quadrillion Btu per Year, Unless Otherwise Noted)
Pacific

1/ Includes wood used for residential heating. See Table A18 for estimates of nonmarketed renewable energy consumption for geothermal heat pumps, solar thermal hot water heating, and solar photovoltaic electricity generation.

2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.

3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.

4/ Fuel consumption includes consumption for combined heat and power, which produces electricity, both for sale to the grid and for own use, and other useful thermal energy.

5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, and miscellaneous petroleum products.

6/ Represents natural gas used in the field gathering and processing plant machinery.

7/ Includes consumption of energy from hydroelectric, wood and wood waste, municipal solid waste, and other biomass.

8/ Diesel fuel containing 500 parts per million (ppm) or 15 ppm sulfur.

9/ Includes only kerosene type.

10/ Includes aviation gasoline and lubricants.

11/ E85 is 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable).

12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, and miscellaneous petroleum products.

13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

14/ Includes consumption of energy by electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.

15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.

16/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2001 and 2002 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.

Sources: 2001 and 2002 consumption based on: Energy Information Administration (EIA), EIA, Annual Energy Review 2001, DOE/EIA-0384(2001) (Washington, DC, October 2002). 2001 and 2002 gross domestic product: Global Insight macroeconomic model T250803. 2001 and 2002 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2002, DOE/EIA-0573(2002) (Washington, DC, October 2003). Projections: EIA, AEO2004 National Energy Modeling System run aeo2004.d101703e.