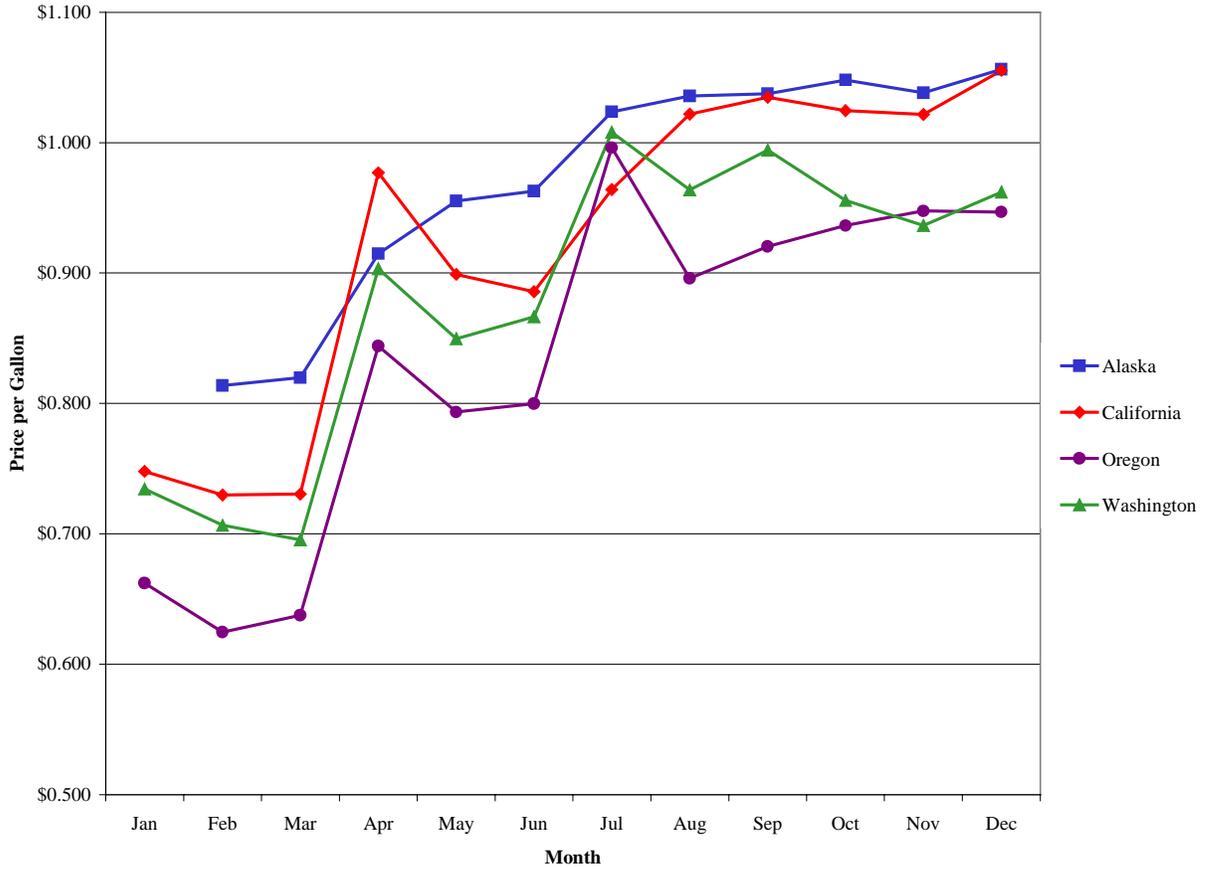


# **1999 Marine Fuel Price Summary**

**Fisheries Economics Data Program  
January 2000**

**1999 West Coast Fuel Prices  
State-level Summaries**

**Average Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



**By State**

	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Alaska</b>	**	\$0.814	\$0.820	\$0.915	\$0.955	\$0.963
<b>California</b>	\$0.748	\$0.730	\$0.730	\$0.977	\$0.899	\$0.886
<b>Oregon</b>	\$0.662	\$0.625	\$0.638	\$0.844	\$0.793	\$0.800
<b>Washington</b>	\$0.734	\$0.707	\$0.695	\$0.903	\$0.850	\$0.866

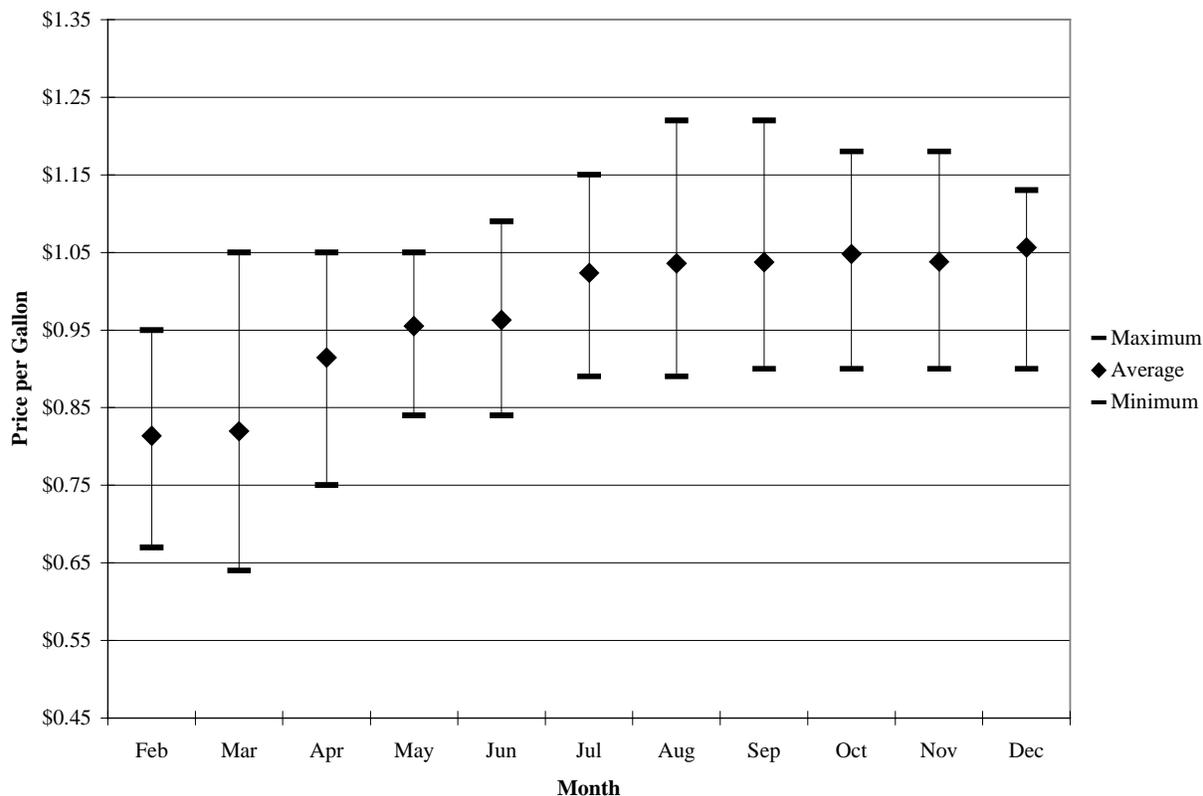
  

	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Alaska</b>	\$1.024	\$1.036	\$1.038	\$1.048	\$1.038	\$1.056
<b>California</b>	\$0.964	\$1.022	\$1.035	\$1.025	\$1.022	\$1.055
<b>Oregon</b>	\$0.996	\$0.896	\$0.920	\$0.936	\$0.948	\$0.947
<b>Washington</b>	\$1.008	\$0.964	\$0.994	\$0.956	\$0.937	\$0.962

\*\* January data not collected for Alaska

# Alaska

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**

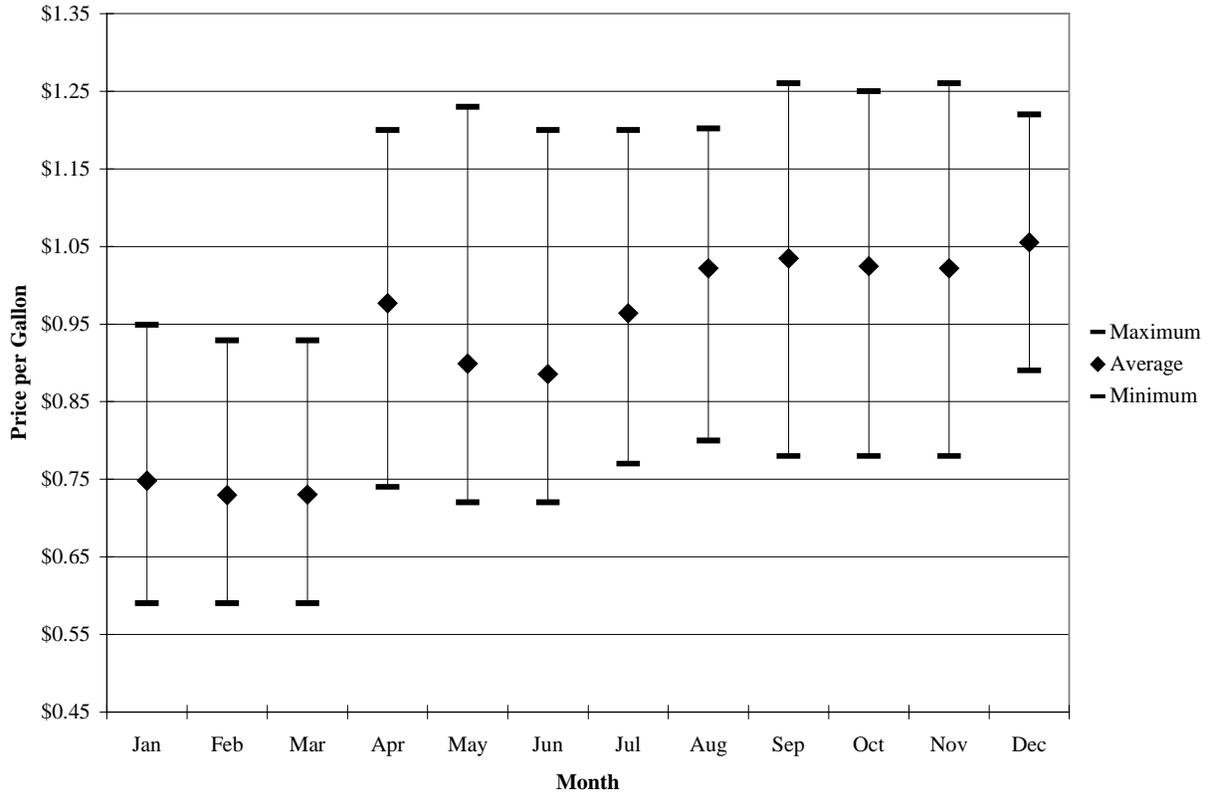


<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>February</b>	\$0.67	\$0.95	\$0.81	\$0.07753	16
<b>March</b>	\$0.64	\$1.05	\$0.82	\$0.09647	18
<b>April</b>	\$0.75	\$1.05	\$0.91	\$0.09479	18
<b>May</b>	\$0.84	\$1.05	\$0.96	\$0.06288	18
<b>June</b>	\$0.84	\$1.09	\$0.96	\$0.06608	19
<b>July</b>	\$0.89	\$1.15	\$1.02	\$0.07433	19
<b>August</b>	\$0.89	\$1.22	\$1.04	\$0.08315	19
<b>September</b>	\$0.90	\$1.22	\$1.04	\$0.09210	17
<b>October</b>	\$0.90	\$1.18	\$1.05	\$0.06757	17
<b>November</b>	\$0.90	\$1.18	\$1.04	\$0.07841	18
<b>December</b>	\$0.90	\$1.13	\$1.06	\$0.06312	15

\*\* January data not collected for Alaska

# California

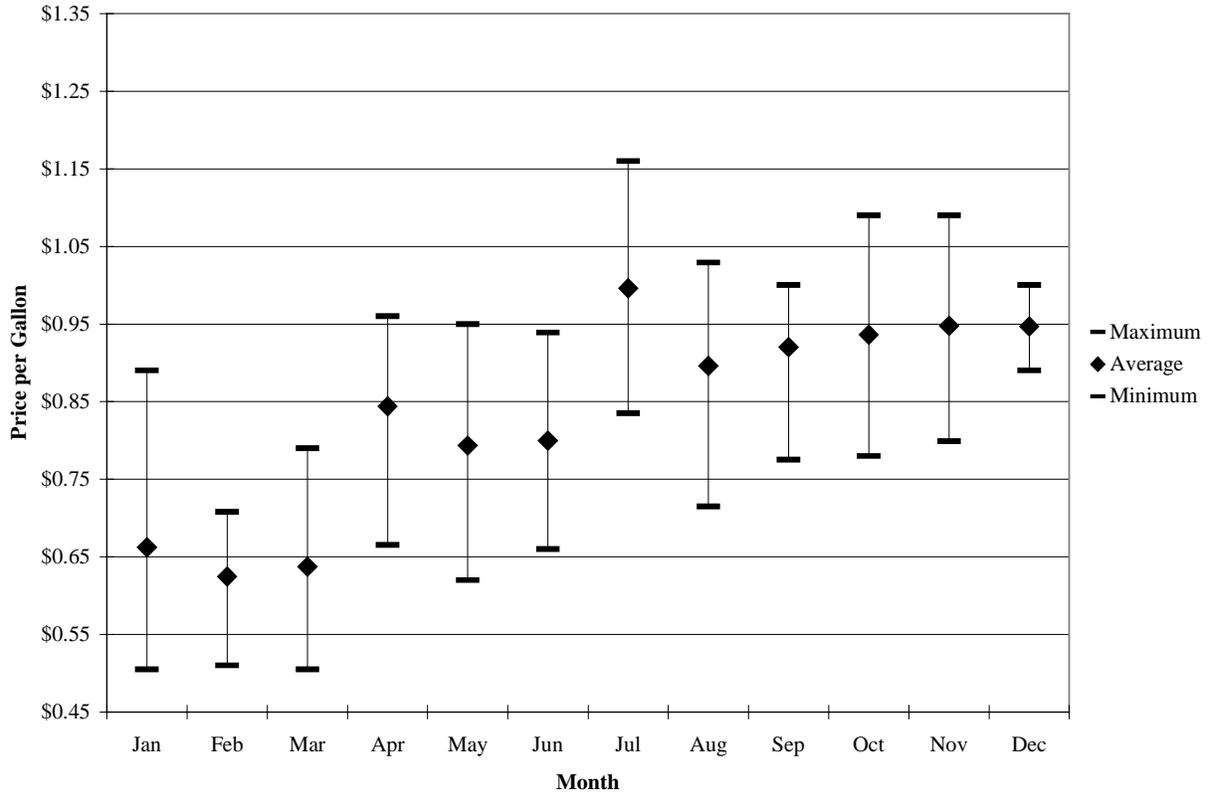
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



Month	Minimum Price	Maximum Price	Average Price	Standard Deviation	Number of Fuel Docks Responding
<b>January</b>	\$0.59	\$0.95	\$0.75	\$0.09837	12
<b>February</b>	\$0.59	\$0.93	\$0.73	\$0.09036	12
<b>March</b>	\$0.59	\$0.93	\$0.73	\$0.09323	12
<b>April</b>	\$0.74	\$1.20	\$0.98	\$0.13056	12
<b>May</b>	\$0.72	\$1.23	\$0.90	\$0.13300	12
<b>June</b>	\$0.72	\$1.20	\$0.89	\$0.13224	12
<b>July</b>	\$0.77	\$1.20	\$0.96	\$0.12396	12
<b>August</b>	\$0.80	\$1.20	\$1.02	\$0.14022	11
<b>September</b>	\$0.78	\$1.26	\$1.03	\$0.13721	11
<b>October</b>	\$0.78	\$1.25	\$1.02	\$0.13245	11
<b>November</b>	\$0.78	\$1.26	\$1.02	\$0.12442	11
<b>December</b>	\$0.89	\$1.22	\$1.06	\$0.10099	11

# Oregon

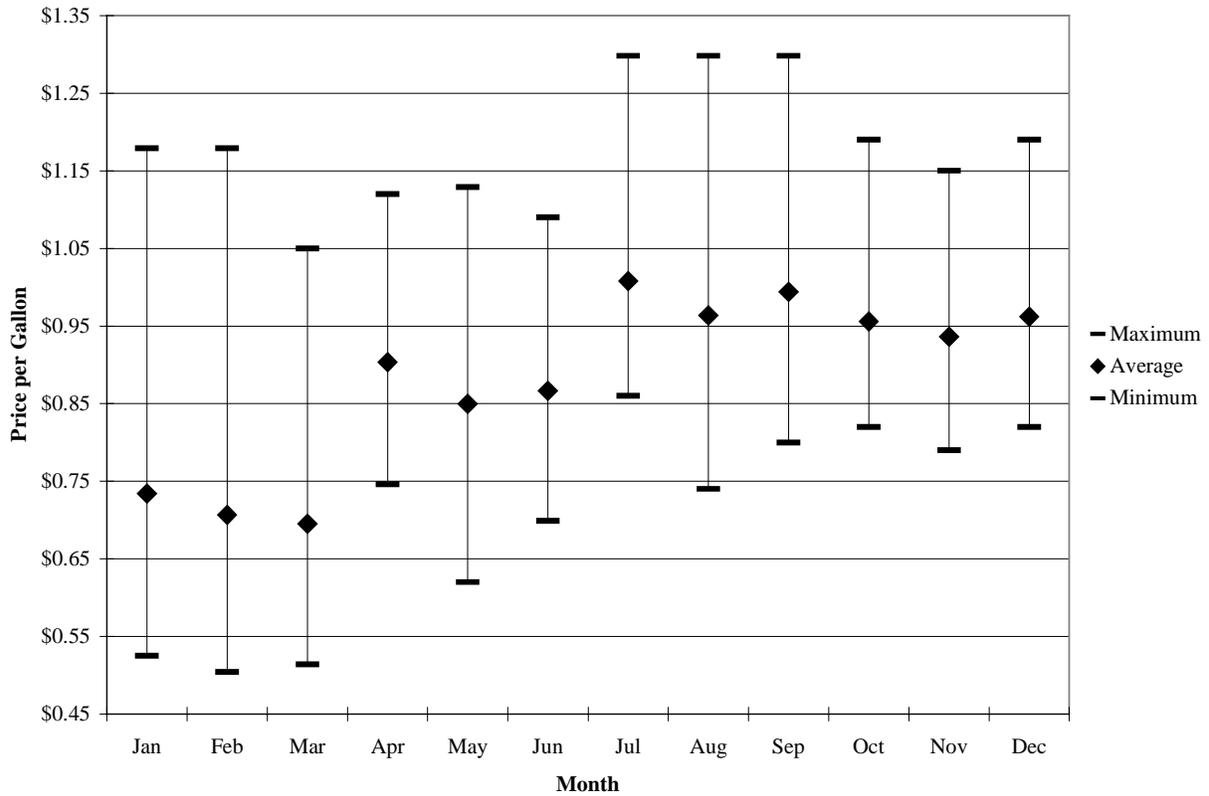
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



Month	Minimum Price	Maximum Price	Average Price	Standard Deviation	Number of Fuel Docks Responding
<b>January</b>	\$0.51	\$0.89	\$0.66	\$0.12662	9
<b>February</b>	\$0.51	\$0.71	\$0.62	\$0.07295	8
<b>March</b>	\$0.51	\$0.79	\$0.64	\$0.10174	9
<b>April</b>	\$0.67	\$0.96	\$0.84	\$0.10506	6
<b>May</b>	\$0.62	\$0.95	\$0.79	\$0.11126	8
<b>June</b>	\$0.66	\$0.94	\$0.80	\$0.09747	9
<b>July</b>	\$0.84	\$1.16	\$1.00	\$0.09687	9
<b>August</b>	\$0.72	\$1.03	\$0.90	\$0.12313	10
<b>September</b>	\$0.78	\$1.00	\$0.92	\$0.08763	9
<b>October</b>	\$0.78	\$1.09	\$0.94	\$0.10182	9
<b>November</b>	\$0.80	\$1.09	\$0.95	\$0.08852	8
<b>December</b>	\$0.89	\$1.00	\$0.95	\$0.04835	7

# Washington

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



Month	Minimum Price	Maximum Price	Average Price	Standard Deviation	Number of Fuel Docks Responding
<b>January</b>	\$0.53	\$1.18	\$0.73	\$0.19976	12
<b>February</b>	\$0.50	\$1.18	\$0.71	\$0.19410	10
<b>March</b>	\$0.51	\$1.05	\$0.70	\$0.17541	14
<b>April</b>	\$0.75	\$1.12	\$0.90	\$0.10629	13
<b>May</b>	\$0.62	\$1.13	\$0.85	\$0.17374	14
<b>June</b>	\$0.70	\$1.09	\$0.87	\$0.11699	16
<b>July</b>	\$0.86	\$1.30	\$1.01	\$0.11647	16
<b>August</b>	\$0.74	\$1.30	\$0.96	\$0.16658	15
<b>September</b>	\$0.80	\$1.30	\$0.99	\$0.13282	15
<b>October</b>	\$0.82	\$1.19	\$0.96	\$0.11043	15
<b>November</b>	\$0.79	\$1.15	\$0.94	\$0.10801	14
<b>December</b>	\$0.82	\$1.19	\$0.96	\$0.11920	13

## 1999 West Coast Fuel Prices Regional-level Summaries for Alaska

The ports in Alaska were grouped into two regions: Southeast Alaska and the Rest of Alaska.

### The Rest of Alaska

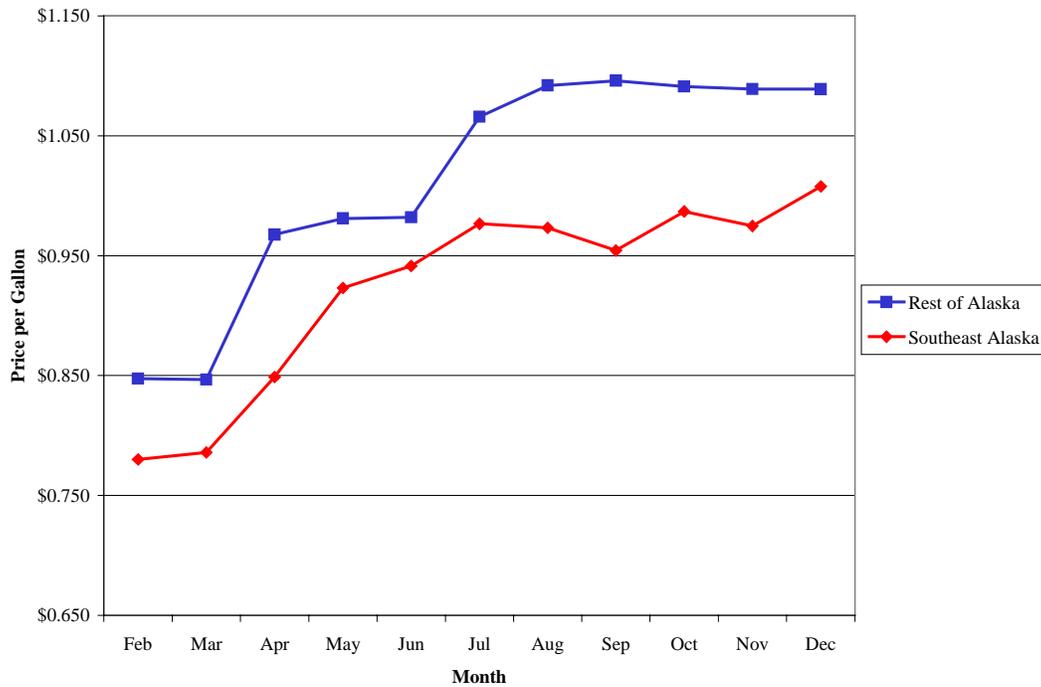
- Cordova
- Dutch Harbor
- Homer
- Kodiak
- Sand Point
- Seward
- St Paul Island



### Southeast Alaska

- Juneau
- Ketchikan
- Petersburg
- Sitka

**Average Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel  
By Region**

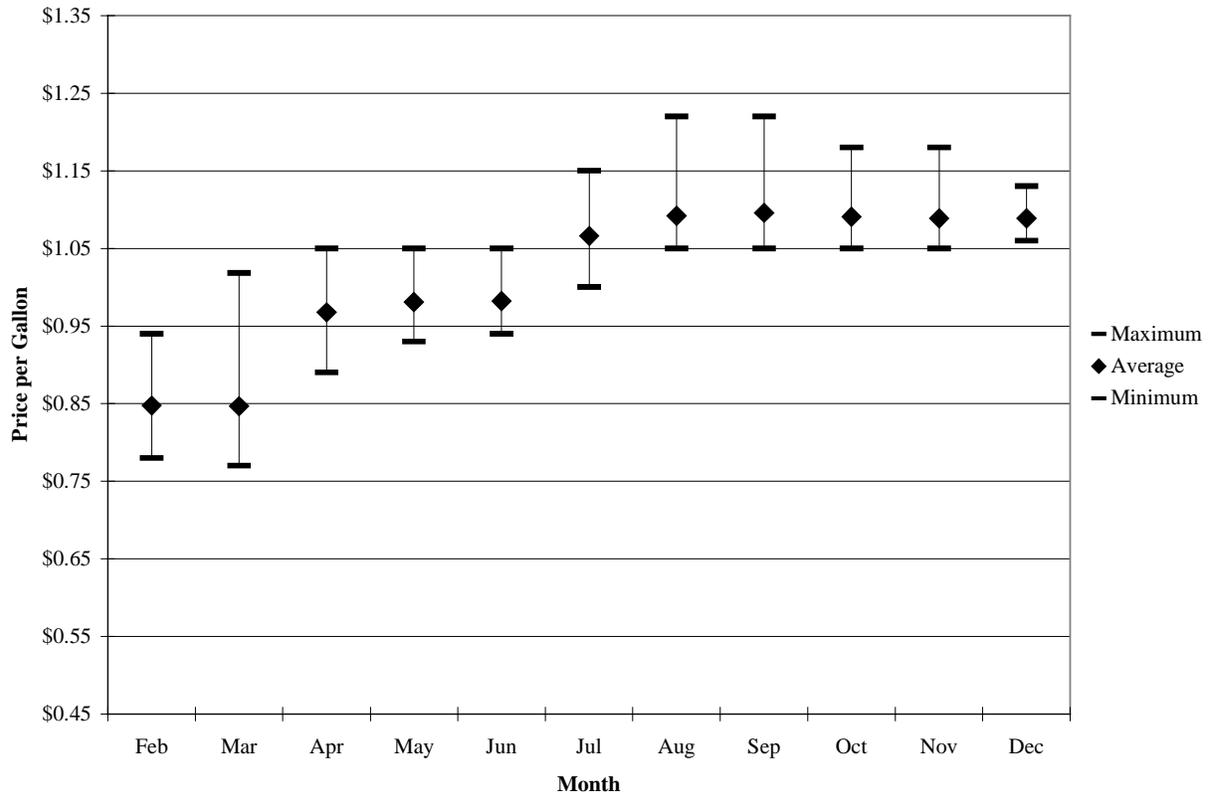


	Jan	Feb	Mar	Apr	May	Jun
<b>Rest of Alaska</b>	**	\$0.848	\$0.847	\$0.968	\$0.981	\$0.982
<b>Southeast Alaska</b>	**	\$0.780	\$0.786	\$0.849	\$0.923	\$0.941
	Jul	Aug	Sep	Oct	Nov	Dec
<b>Rest of Alaska</b>	\$1.066	\$1.092	\$1.096	\$1.091	\$1.089	\$1.089
<b>Southeast Alaska</b>	\$0.977	\$0.973	\$0.954	\$0.987	\$0.975	\$1.008

\*\* January data not collected for Alaska

## Rest of Alaska

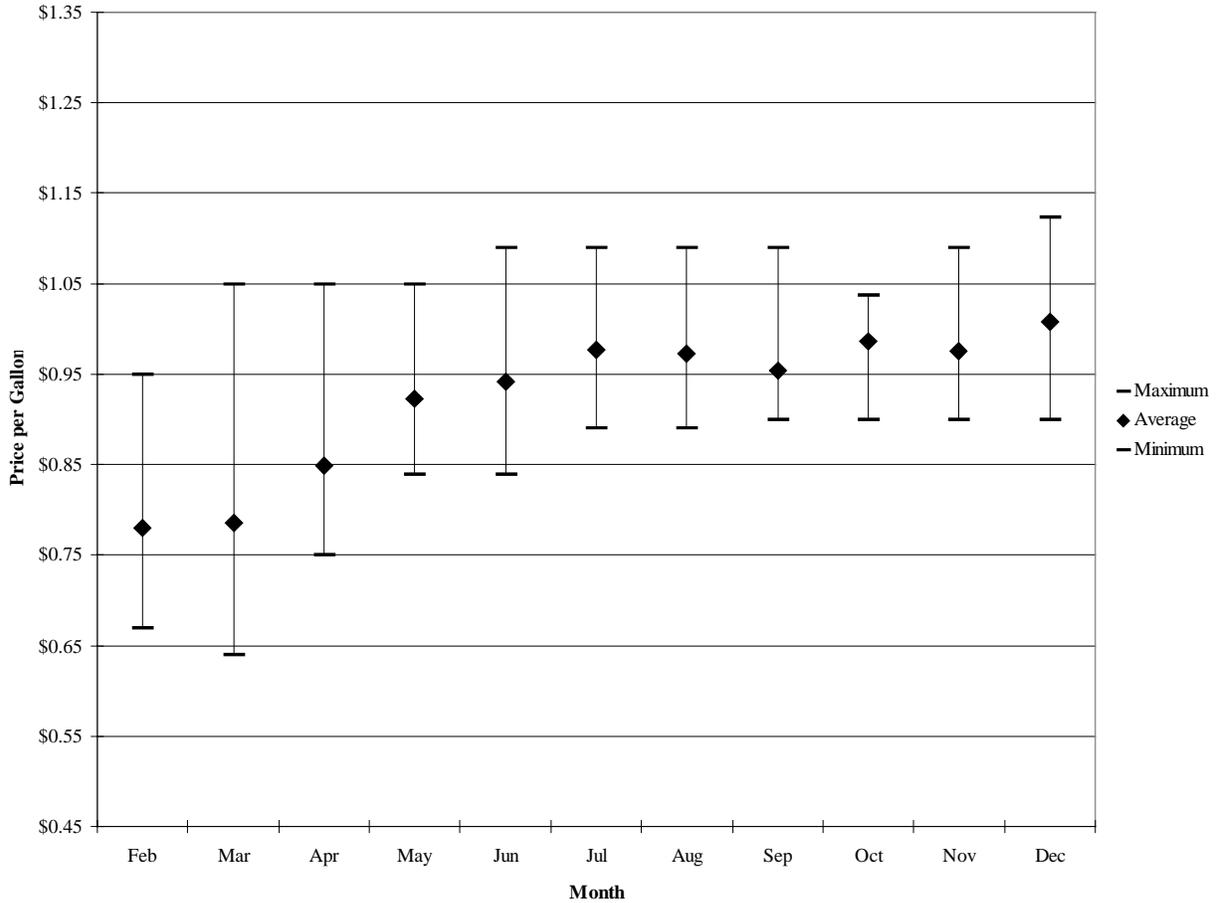
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>February</b>	\$0.78	\$0.94	\$0.85	\$0.05600	8
<b>March</b>	\$0.77	\$1.02	\$0.85	\$0.06936	10
<b>April</b>	\$0.89	\$1.05	\$0.97	\$0.04615	10
<b>May</b>	\$0.93	\$1.05	\$0.98	\$0.04433	10
<b>June</b>	\$0.94	\$1.05	\$0.98	\$0.04315	10
<b>July</b>	\$1.00	\$1.15	\$1.07	\$0.04719	10
<b>August</b>	\$1.05	\$1.22	\$1.09	\$0.05138	10
<b>September</b>	\$1.05	\$1.22	\$1.10	\$0.04971	10
<b>October</b>	\$1.05	\$1.18	\$1.09	\$0.04175	10
<b>November</b>	\$1.05	\$1.18	\$1.09	\$0.03843	10
<b>December</b>	\$1.06	\$1.13	\$1.09	\$0.02421	9

# Southeast Alaska

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>February</b>	\$0.67	\$0.95	\$0.78	\$0.08452	8
<b>March</b>	\$0.64	\$1.05	\$0.79	\$0.11856	8
<b>April</b>	\$0.75	\$1.05	\$0.85	\$0.10049	8
<b>May</b>	\$0.84	\$1.05	\$0.92	\$0.07027	8
<b>June</b>	\$0.84	\$1.09	\$0.94	\$0.08219	9
<b>July</b>	\$0.89	\$1.09	\$0.98	\$0.07211	9
<b>August</b>	\$0.89	\$1.09	\$0.97	\$0.06519	9
<b>September</b>	\$0.90	\$1.09	\$0.95	\$0.07161	7
<b>October</b>	\$0.90	\$1.04	\$0.99	\$0.04598	7
<b>November</b>	\$0.90	\$1.09	\$0.97	\$0.06887	8
<b>December</b>	\$0.90	\$1.12	\$1.01	\$0.07396	6

## *1999 West Coast Fuel Prices Regional-level Summaries for California*

The ports in California were grouped into three regions: Northern California, the Bay Area and Southern California.

### Northern California

- Crescent City
- Eureka
- Fort Bragg
- Bodega Bay

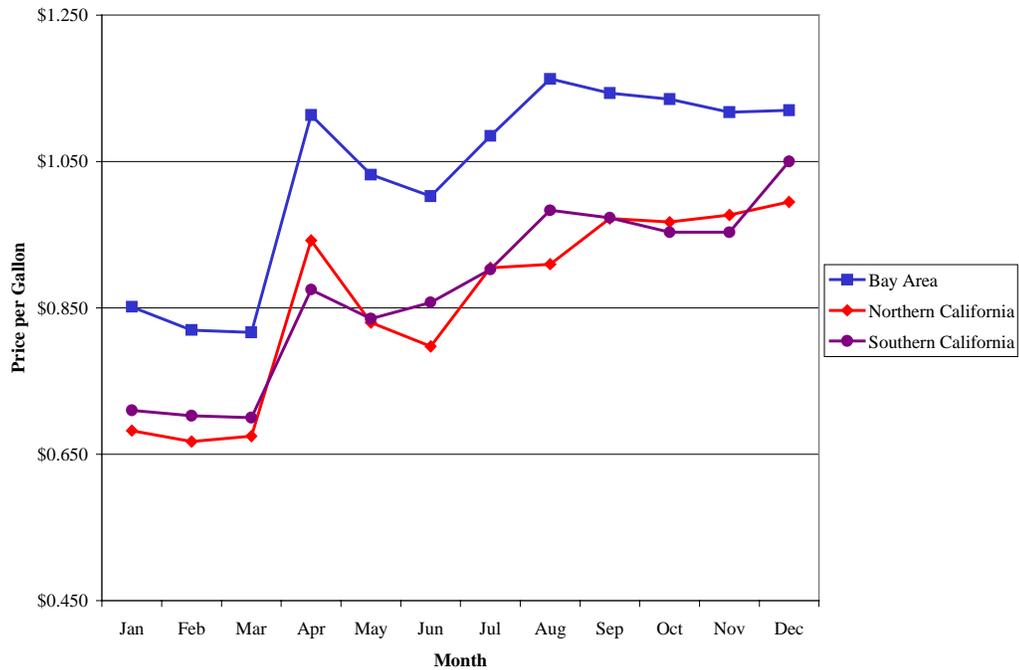
### Bay Area

- Sausalito
- San Francisco
- Princeton
- Moss Bay

### Southern California

- Morro Bay
- Santa Barbara
- Port Hueneme
- San Pedro

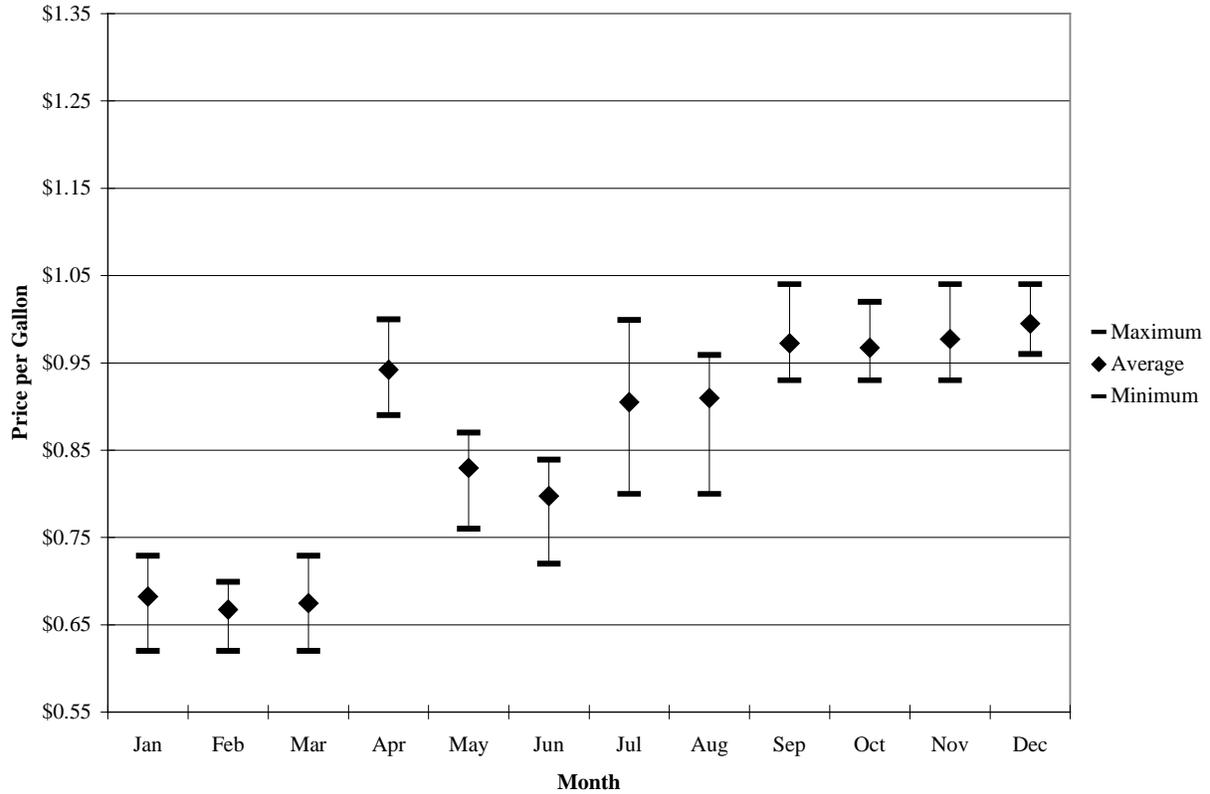
**Average Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel  
By Region**



	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Northern CA</b>	\$0.682	\$0.667	\$0.675	\$0.942	\$0.830	\$0.797
<b>Bay Area</b>	\$0.852	\$0.820	\$0.817	\$1.114	\$1.032	\$1.003
<b>Southern CA</b>	\$0.710	\$0.703	\$0.700	\$0.875	\$0.835	\$0.858
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Northern CA</b>	\$0.905	\$0.910	\$0.972	\$0.967	\$0.977	\$0.995
<b>Bay Area</b>	\$1.085	\$1.163	\$1.144	\$1.136	\$1.118	\$1.120
<b>Southern CA</b>	\$0.903	\$0.983	\$0.973	\$0.953	\$0.953	\$1.050

# Northern California

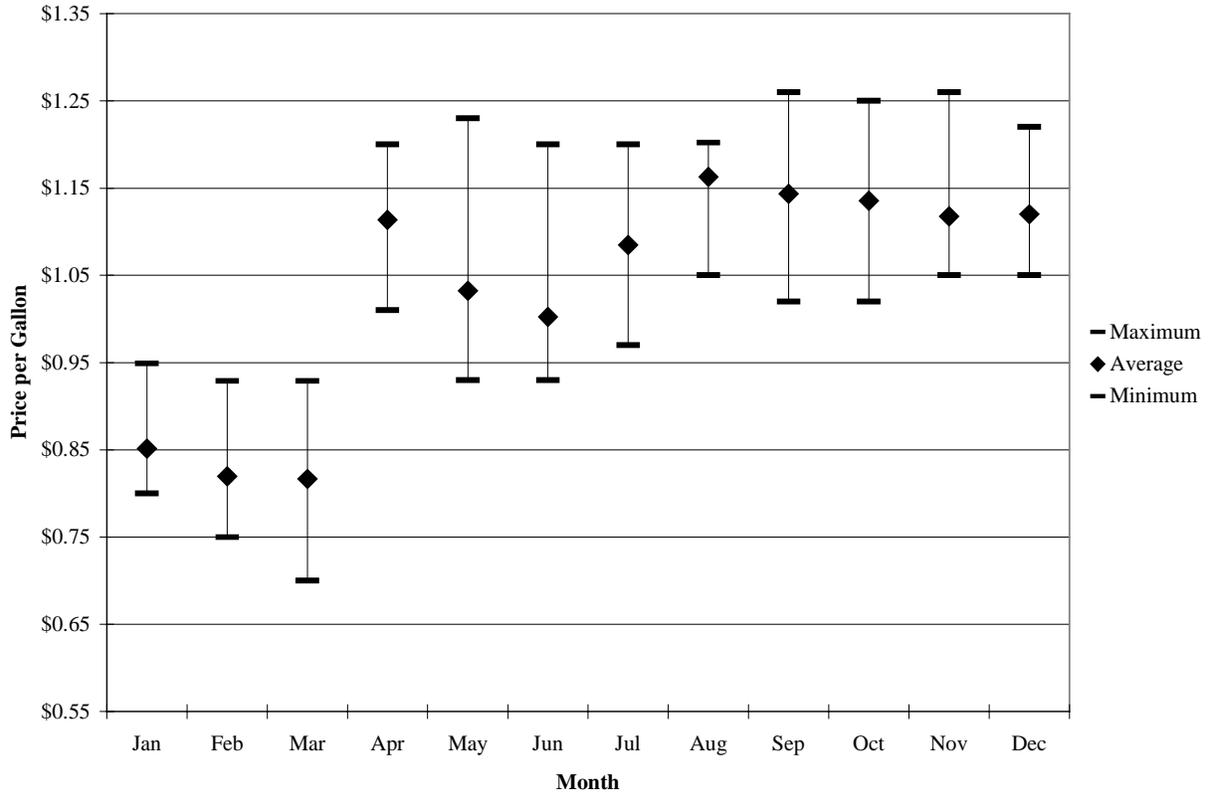
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



Month	Minimum Price	Maximum Price	Average Price	Standard Deviation	Number of Fuel Docks Responding
January	\$0.62	\$0.73	\$0.68	\$0.05148	4
February	\$0.62	\$0.70	\$0.67	\$0.03367	4
March	\$0.62	\$0.73	\$0.67	\$0.04453	4
April	\$0.89	\$1.00	\$0.94	\$0.06042	4
May	\$0.76	\$0.87	\$0.83	\$0.04813	4
June	\$0.72	\$0.84	\$0.80	\$0.05408	4
July	\$0.80	\$1.00	\$0.90	\$0.08307	4
August	\$0.80	\$0.96	\$0.91	\$0.07377	4
September	\$0.93	\$1.04	\$0.97	\$0.04735	4
October	\$0.93	\$1.02	\$0.97	\$0.04082	4
November	\$0.93	\$1.04	\$0.98	\$0.04628	4
December	\$0.96	\$1.04	\$0.99	\$0.03416	4

# Bay Area

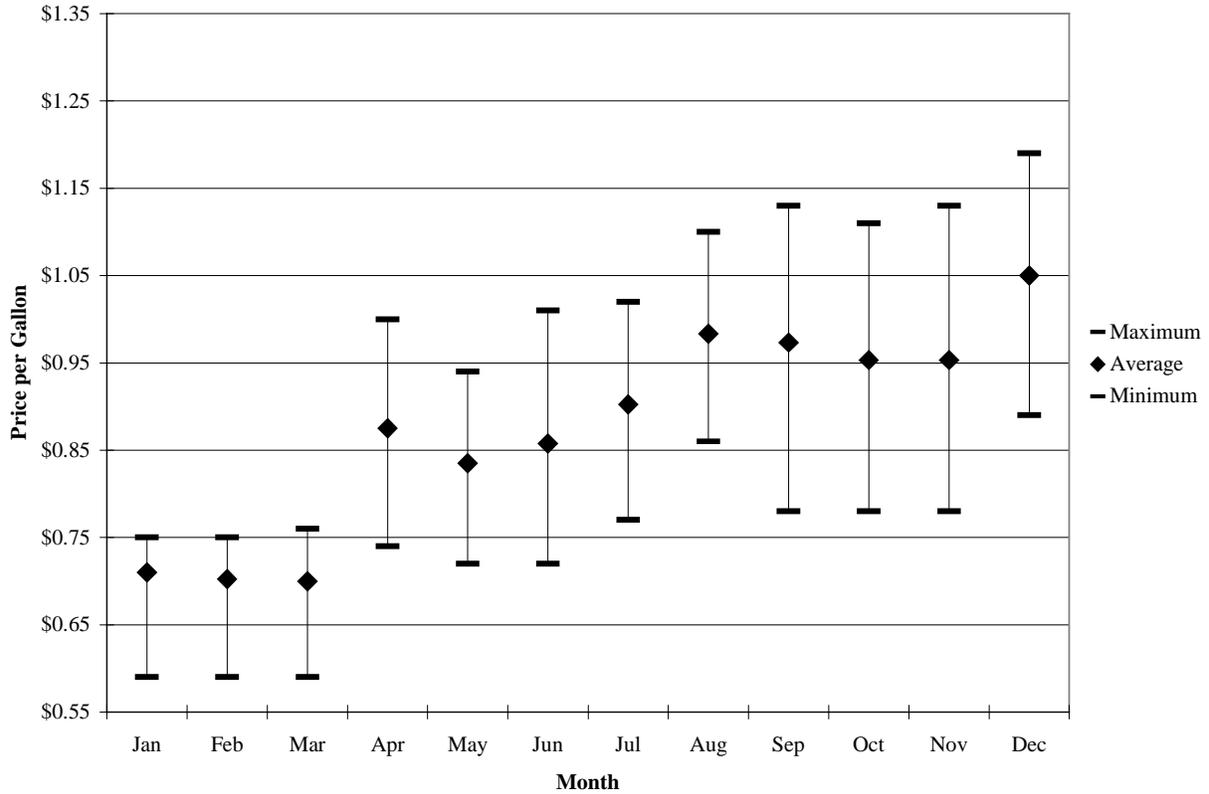
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.80	\$0.95	\$0.85	\$0.06683	4
<b>February</b>	\$0.75	\$0.93	\$0.82	\$0.07821	4
<b>March</b>	\$0.70	\$0.93	\$0.82	\$0.09469	4
<b>April</b>	\$1.01	\$1.20	\$1.11	\$0.08139	4
<b>May</b>	\$0.93	\$1.23	\$1.03	\$0.13730	4
<b>June</b>	\$0.93	\$1.20	\$1.00	\$0.13200	4
<b>July</b>	\$0.97	\$1.20	\$1.09	\$0.09815	4
<b>August</b>	\$1.05	\$1.20	\$1.16	\$0.07533	4
<b>September</b>	\$1.02	\$1.26	\$1.14	\$0.12114	4
<b>October</b>	\$1.02	\$1.25	\$1.14	\$0.11247	4
<b>November</b>	\$1.05	\$1.26	\$1.12	\$0.09743	4
<b>December</b>	\$1.05	\$1.22	\$1.12	\$0.08446	4

# Southern California

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.59	\$0.75	\$0.71	\$0.08000	4
<b>February</b>	\$0.59	\$0.75	\$0.70	\$0.07544	4
<b>March</b>	\$0.59	\$0.76	\$0.70	\$0.07528	4
<b>April</b>	\$0.74	\$1.00	\$0.88	\$0.10909	4
<b>May</b>	\$0.72	\$0.94	\$0.84	\$0.09037	4
<b>June</b>	\$0.72	\$1.01	\$0.86	\$0.11871	4
<b>July</b>	\$0.77	\$1.02	\$0.90	\$0.10275	4
<b>August</b>	\$0.86	\$1.10	\$0.98	\$0.12014	3
<b>September</b>	\$0.78	\$1.13	\$0.97	\$0.17786	3
<b>October</b>	\$0.78	\$1.11	\$0.95	\$0.16563	3
<b>November</b>	\$0.78	\$1.13	\$0.95	\$0.17502	3
<b>December</b>	\$0.89	\$1.19	\$1.05	\$0.15100	3

## 1999 West Coast Fuel Prices Regional-level Summaries for Oregon

The ports in Oregon were grouped into three regions: Astoria, Northern Oregon (excluding Astoria) and Southern Oregon.

### Astoria

- Astoria

### Northern Oregon

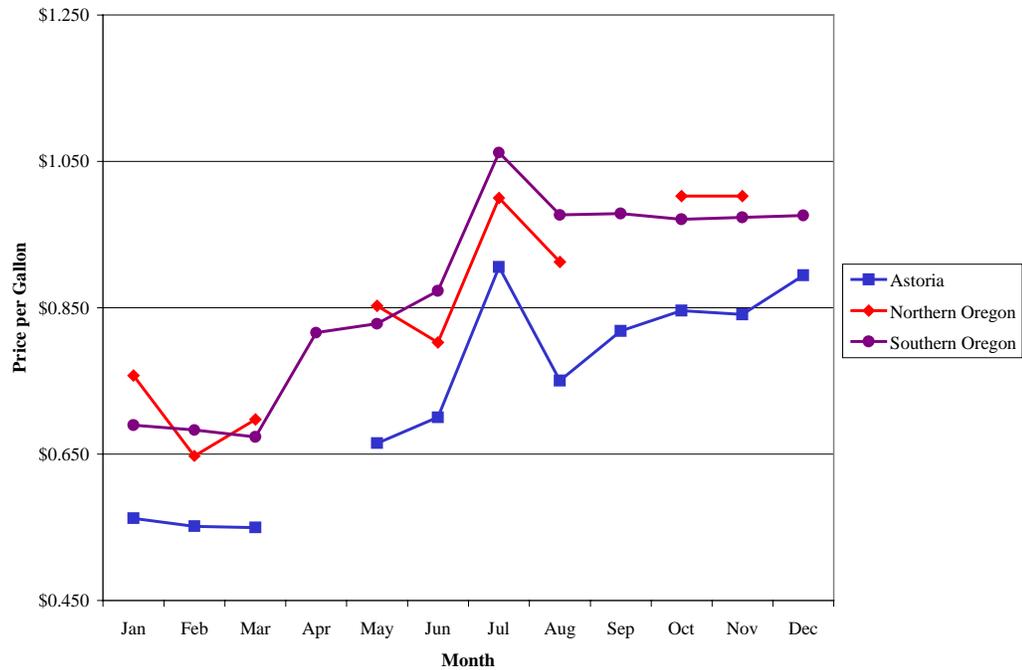
- Depoe Bay
- Newport
- Tillamook/Garibaldi



### Southern Oregon

- Brookings
- Coos Bay
- Florence
- Gold Beach
- Winchester Bay

**Average Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel  
By Region**

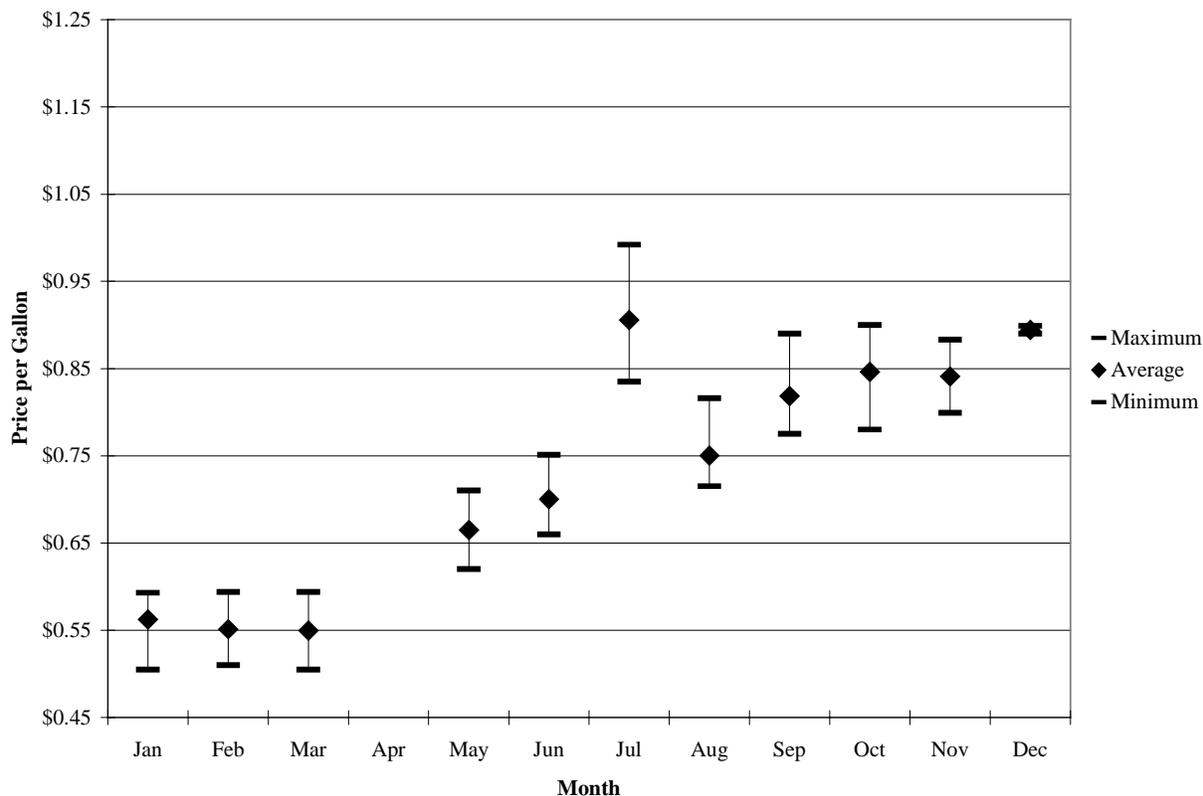


	Jan	Feb	Mar	Apr	May	Jun
<b>Astoria</b>	\$0.562	\$0.551	\$0.550	*	\$0.665	\$0.700
<b>Northern OR</b>	\$0.758	\$0.648	\$0.698	*	\$0.853	\$0.803
<b>Southern OR</b>	\$0.690	\$0.683	\$0.674	\$0.816	\$0.828	\$0.873
	Jul	Aug	Sep	Oct	Nov	Dec
<b>Astoria</b>	\$0.906	\$0.750	\$0.818	\$0.846	\$0.841	\$0.895
<b>Northern OR</b>	\$1.000	\$0.913	*	\$1.003	\$1.003	*
<b>Southern OR</b>	\$1.062	\$0.977	\$0.979	\$0.971	\$0.974	\$0.976

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# Astoria

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**

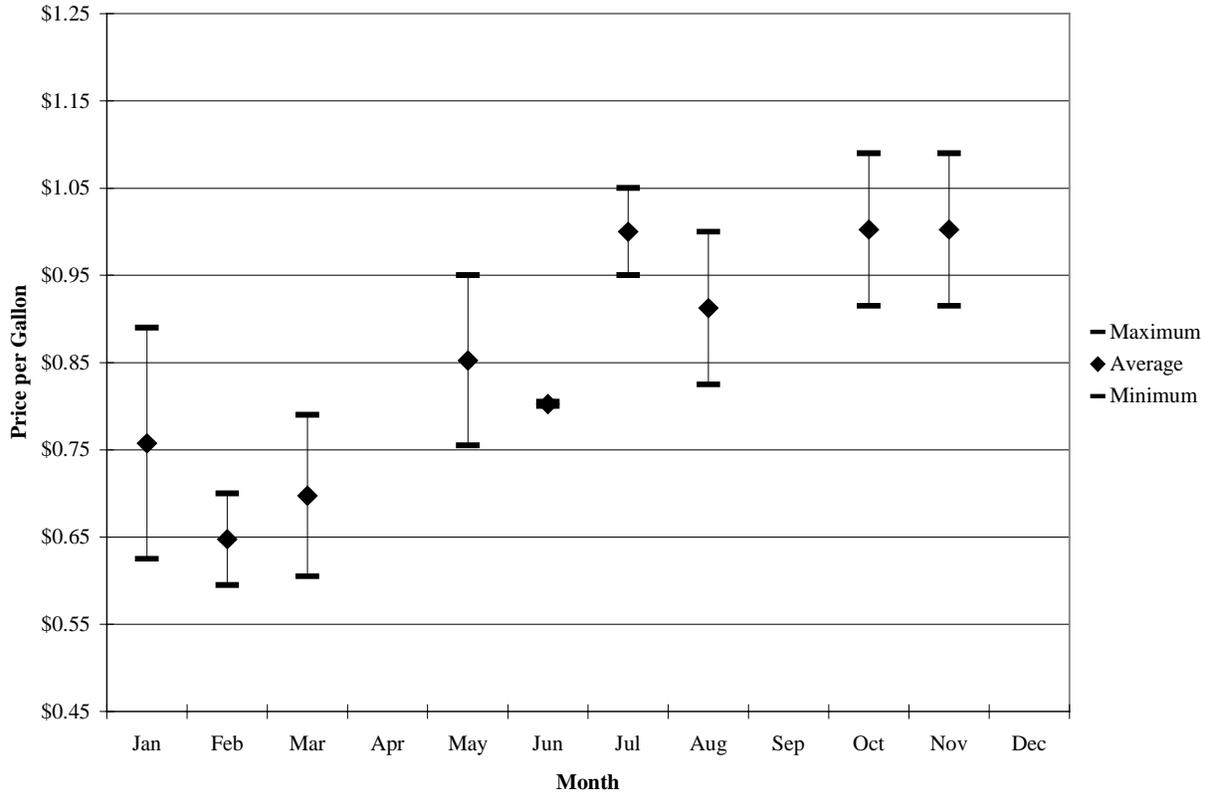


<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.51	\$0.59	\$0.56	\$0.04916	3
<b>February</b>	\$0.51	\$0.59	\$0.55	\$0.04183	3
<b>March</b>	\$0.51	\$0.59	\$0.55	\$0.04416	3
<b>April</b>	*	*	*	*	1
<b>May</b>	\$0.62	\$0.71	\$0.67	\$0.06364	2
<b>June</b>	\$0.66	\$0.75	\$0.70	\$0.04637	3
<b>July</b>	\$0.84	\$0.99	\$0.91	\$0.07969	3
<b>August</b>	\$0.72	\$0.82	\$0.75	\$0.05701	3
<b>September</b>	\$0.78	\$0.89	\$0.82	\$0.06245	3
<b>October</b>	\$0.78	\$0.90	\$0.85	\$0.06110	3
<b>November</b>	\$0.80	\$0.88	\$0.84	\$0.05958	2
<b>December</b>	\$0.89	\$0.90	\$0.89	\$0.00707	2

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# Northern Oregon

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**

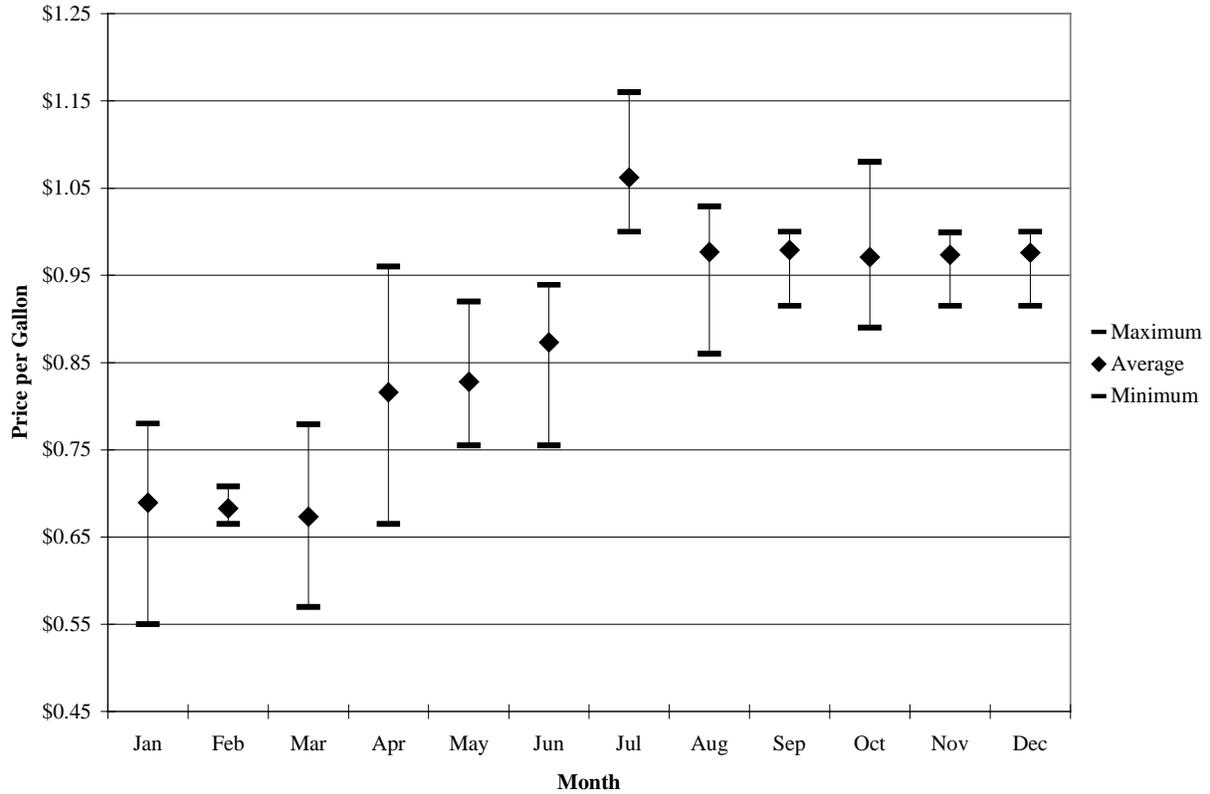


<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.63	\$0.89	\$0.76	\$0.18735	2
<b>February</b>	\$0.60	\$0.70	\$0.65	\$0.07416	2
<b>March</b>	\$0.61	\$0.79	\$0.70	\$0.13077	2
<b>April</b>	*	*	*	*	1
<b>May</b>	\$0.76	\$0.95	\$0.85	\$0.13784	2
<b>June</b>	\$0.80	\$0.81	\$0.80	\$0.00000	2
<b>July</b>	\$0.95	\$1.05	\$1.00	\$0.07071	2
<b>August</b>	\$0.83	\$1.00	\$0.91	\$0.12369	2
<b>September</b>	*	*	*	*	1
<b>October</b>	\$0.92	\$1.09	\$1.00	\$0.12369	2
<b>November</b>	\$0.92	\$1.09	\$1.00	\$0.12369	2
<b>December</b>	*	*	*	*	1

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# Southern Oregon

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.55	\$0.78	\$0.69	\$0.11143	4
<b>February</b>	\$0.67	\$0.71	\$0.68	\$0.02236	3
<b>March</b>	\$0.57	\$0.78	\$0.67	\$0.09363	4
<b>April</b>	\$0.67	\$0.96	\$0.82	\$0.12298	4
<b>May</b>	\$0.76	\$0.92	\$0.83	\$0.07932	4
<b>June</b>	\$0.76	\$0.94	\$0.87	\$0.08256	4
<b>July</b>	\$1.00	\$1.16	\$1.06	\$0.07141	4
<b>August</b>	\$0.86	\$1.03	\$0.98	\$0.06671	5
<b>September</b>	\$0.92	\$1.00	\$0.98	\$0.03592	5
<b>October</b>	\$0.89	\$1.08	\$0.97	\$0.08627	4
<b>November</b>	\$0.92	\$1.00	\$0.97	\$0.03916	4
<b>December</b>	\$0.92	\$1.00	\$0.98	\$0.04082	4

## 1999 West Coast Fuel Prices Regional-level Summaries for Washington

The ports in Washington were grouped into four regions: the Washington Coast, Seattle, Puget Sound (excluding Seattle), and Northern Washington.

### Washington Coast

- Ilwaco/Chinook
- Neah Bay
- Port Angeles
- Port Townsend
- Westport

### Seattle

- Seattle

### Puget Sound

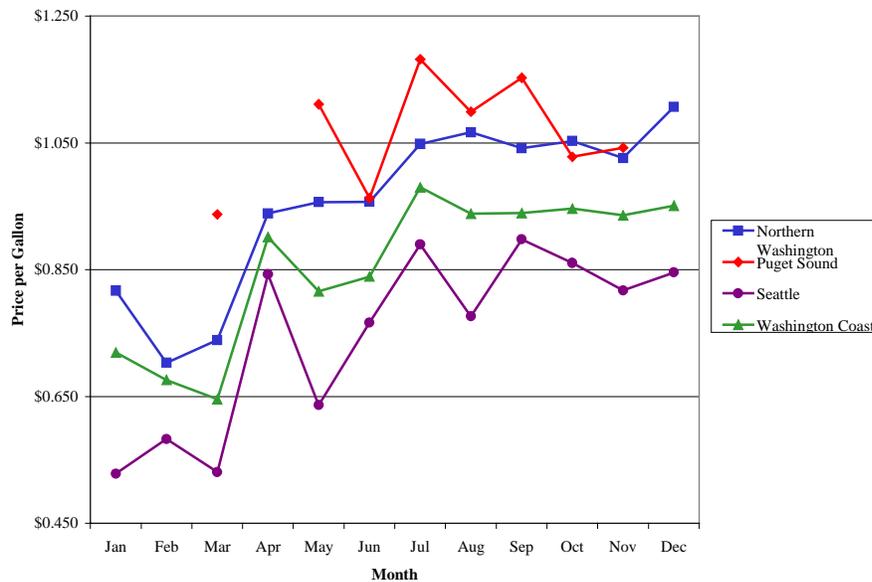
- Everett
- Olympia
- Shelton

### Northern Washington

- Anacortes
- Bellingham Bay
- Blaine



**Average Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel  
By Region**

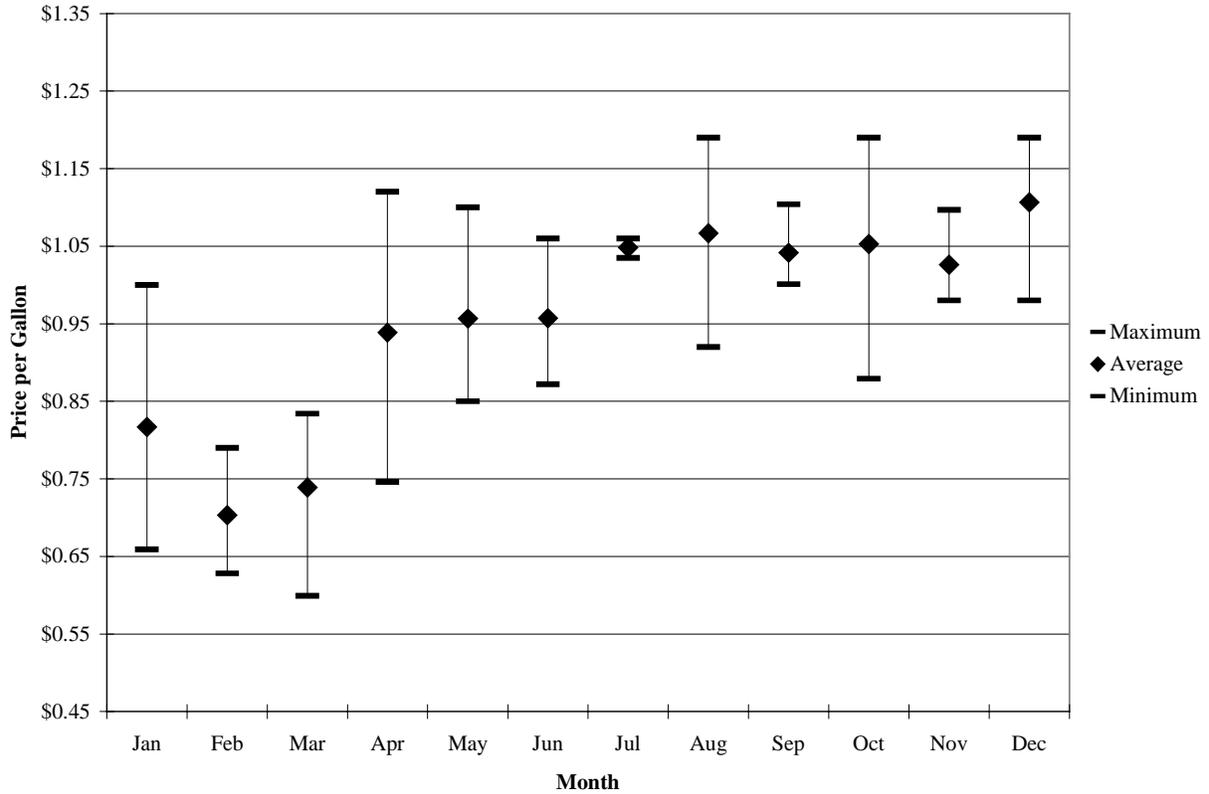


	Jan	Feb	Mar	Apr	May	Jun
<b>Northern WA</b>	\$0.817	\$0.703	\$0.739	\$0.939	\$0.957	\$0.957
<b>Seattle</b>	\$0.528	\$0.583	\$0.531	\$0.843	\$0.636	\$0.767
<b>Puget Sound</b>	*	*	\$0.937	*	\$1.111	\$0.963
<b>WA Coast</b>	\$0.719	\$0.676	\$0.646	\$0.902	\$0.816	\$0.839
	Jul	Aug	Sep	Oct	Nov	Dec
<b>Northern WA</b>	\$1.048	\$1.067	\$1.042	\$1.053	\$1.026	\$1.107
<b>Seattle</b>	\$0.890	\$0.776	\$0.898	\$0.861	\$0.817	\$0.846
<b>Puget Sound</b>	\$1.182	\$1.099	\$1.153	\$1.028	\$1.043	*
<b>WA Coast</b>	\$0.980	\$0.938	\$0.939	\$0.946	\$0.936	\$0.951

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# Northern Washington

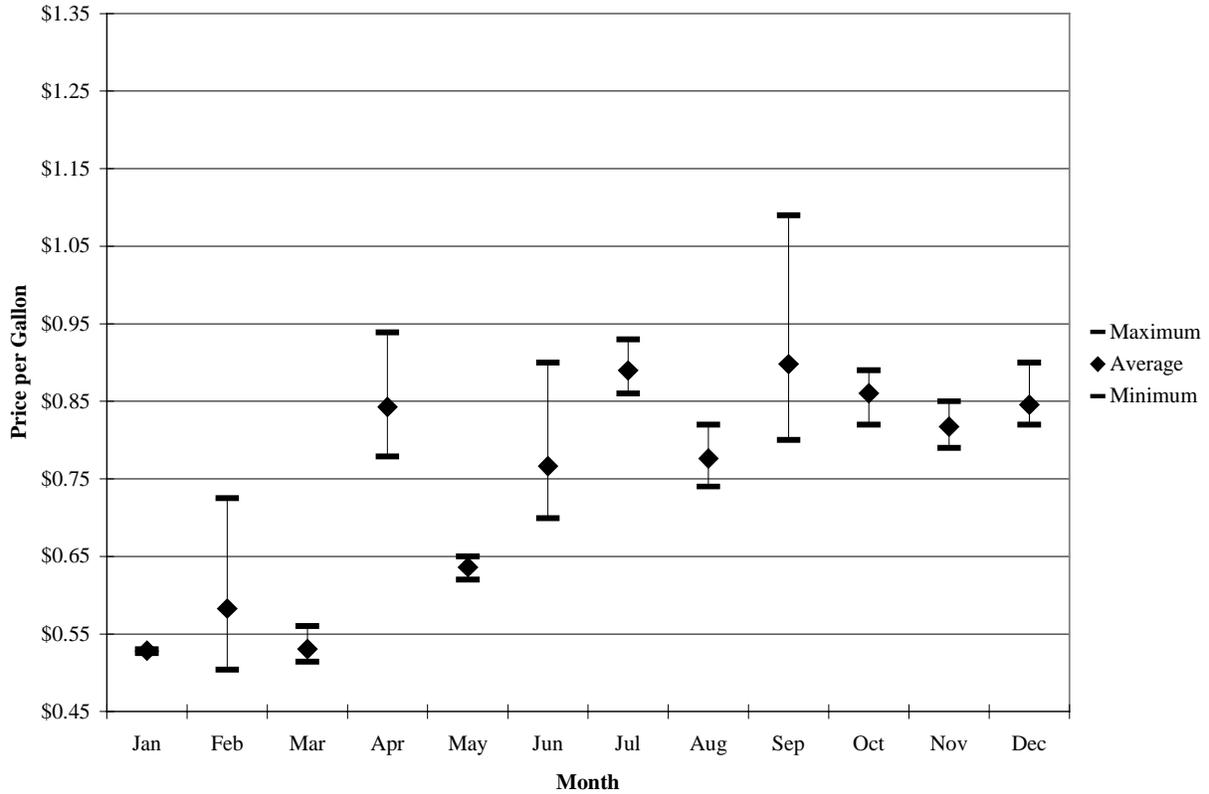
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.66	\$1.00	\$0.82	\$0.17195	3
<b>February</b>	\$0.63	\$0.79	\$0.70	\$0.08175	3
<b>March</b>	\$0.60	\$0.83	\$0.74	\$0.12396	3
<b>April</b>	\$0.75	\$1.12	\$0.94	\$0.18722	3
<b>May</b>	\$0.85	\$1.10	\$0.96	\$0.12897	3
<b>June</b>	\$0.87	\$1.06	\$0.96	\$0.09522	3
<b>July</b>	\$1.04	\$1.06	\$1.05	\$0.01225	3
<b>August</b>	\$0.92	\$1.19	\$1.07	\$0.13650	3
<b>September</b>	\$1.00	\$1.10	\$1.04	\$0.05477	3
<b>October</b>	\$0.88	\$1.19	\$1.05	\$0.15869	3
<b>November</b>	\$0.98	\$1.10	\$1.03	\$0.06232	3
<b>December</b>	\$0.98	\$1.19	\$1.11	\$0.11150	3

# Seattle

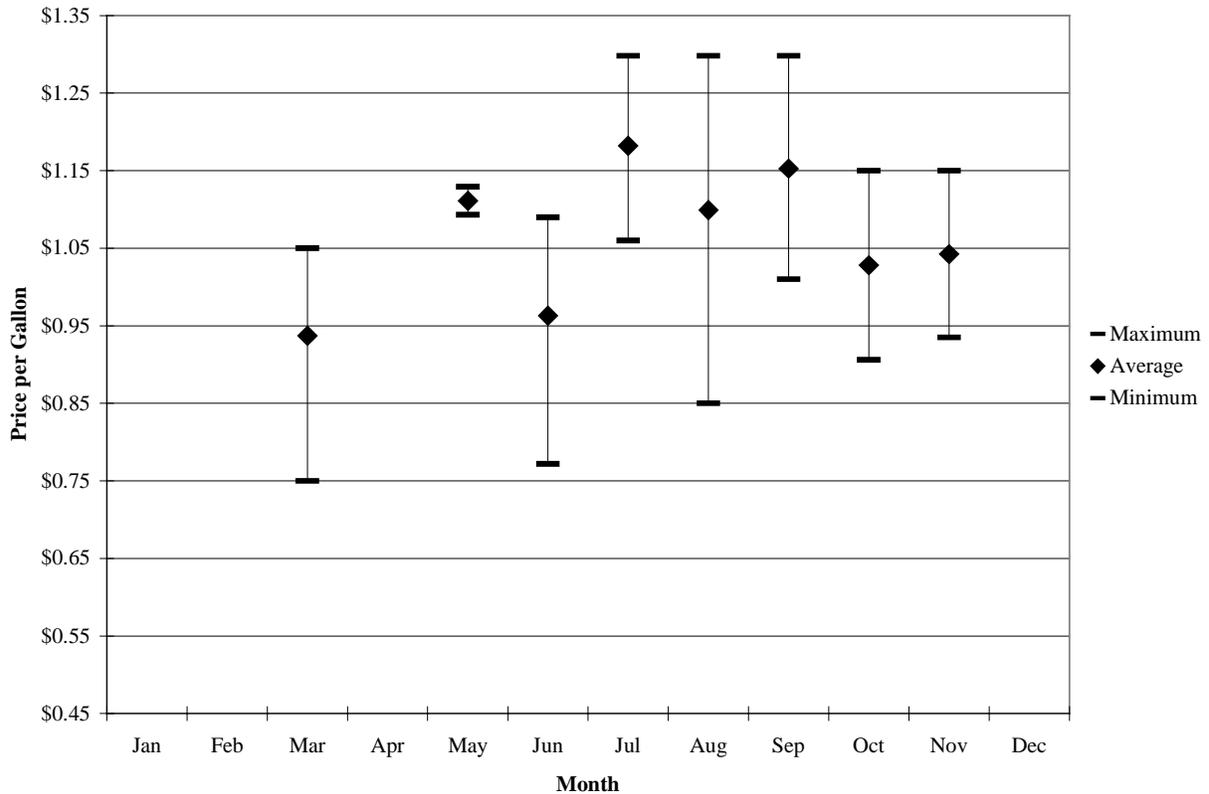
**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



Month	Minimum Price	Maximum Price	Average Price	Standard Deviation	Number of Fuel Docks Responding
January	\$0.53	\$0.53	\$0.53	\$0.00000	3
February	\$0.50	\$0.73	\$0.58	\$0.12315	3
March	\$0.51	\$0.56	\$0.53	\$0.02021	4
April	\$0.78	\$0.94	\$0.84	\$0.08466	3
May	\$0.62	\$0.65	\$0.64	\$0.01472	3
June	\$0.70	\$0.90	\$0.77	\$0.09037	4
July	\$0.86	\$0.93	\$0.89	\$0.03202	4
August	\$0.74	\$0.82	\$0.78	\$0.04082	3
September	\$0.80	\$1.09	\$0.90	\$0.16628	3
October	\$0.82	\$0.89	\$0.86	\$0.03082	4
November	\$0.79	\$0.85	\$0.82	\$0.02517	4
December	\$0.82	\$0.90	\$0.85	\$0.03663	4

# Puget Sound

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**

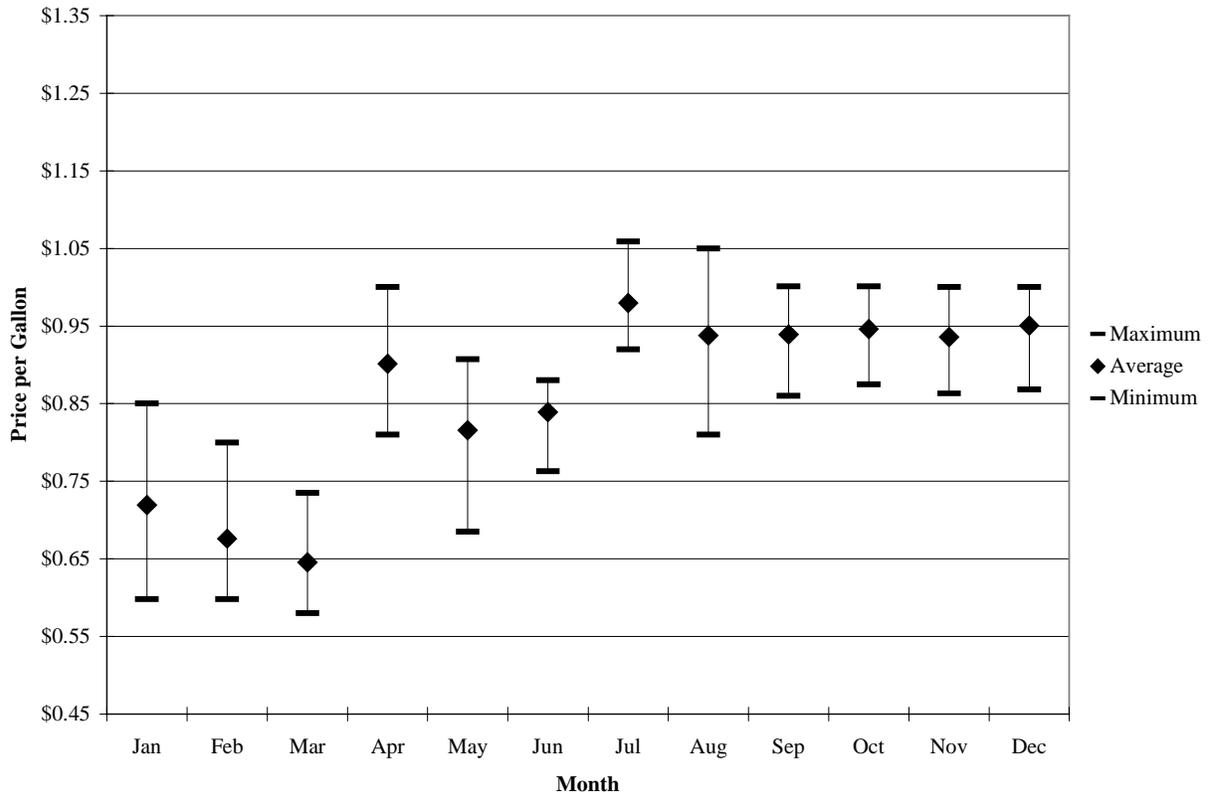


<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	*	*	*	*	1
<b>February</b>	*	*	*	*	1
<b>March</b>	\$0.75	\$1.05	\$0.94	\$0.16330	3
<b>April</b>	*	*	*	*	1
<b>May</b>	\$1.09	\$1.13	\$1.11	\$0.02345	2
<b>June</b>	\$0.77	\$1.09	\$0.96	\$0.16837	3
<b>July</b>	\$1.06	\$1.30	\$1.18	\$0.11902	3
<b>August</b>	\$0.85	\$1.30	\$1.10	\$0.22825	3
<b>September</b>	\$1.01	\$1.30	\$1.15	\$0.14399	3
<b>October</b>	\$0.91	\$1.15	\$1.03	\$0.17248	2
<b>November</b>	\$0.94	\$1.15	\$1.04	\$0.15199	2
<b>December</b>	*	*	*	*	1

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# Washington Coast

**Monthly Minimum, Maximum and Average  
Before-Tax Cash Price for 600 Gallons of #2 Marine Diesel**



<b>Month</b>	<b>Minimum Price</b>	<b>Maximum Price</b>	<b>Average Price</b>	<b>Standard Deviation</b>	<b>Number of Fuel Docks Responding</b>
<b>January</b>	\$0.60	\$0.85	\$0.72	\$0.09113	5
<b>February</b>	\$0.60	\$0.80	\$0.68	\$0.10855	3
<b>March</b>	\$0.58	\$0.74	\$0.65	\$0.07100	4
<b>April</b>	\$0.81	\$1.00	\$0.90	\$0.07587	6
<b>May</b>	\$0.69	\$0.91	\$0.82	\$0.09359	6
<b>June</b>	\$0.76	\$0.88	\$0.84	\$0.04195	6
<b>July</b>	\$0.92	\$1.06	\$0.98	\$0.05544	6
<b>August</b>	\$0.81	\$1.05	\$0.94	\$0.09743	6
<b>September</b>	\$0.86	\$1.00	\$0.94	\$0.05713	6
<b>October</b>	\$0.88	\$1.00	\$0.95	\$0.04923	6
<b>November</b>	\$0.86	\$1.00	\$0.94	\$0.06225	5
<b>December</b>	\$0.87	\$1.00	\$0.95	\$0.06403	5

\* Data are not reported as fewer than 2 fuel docks reported a price for this month in this region.

# **Marine Fuel Prices on the Economics Data Program Website**

## **Data Series Description**



Economics Data Program  
Pacific States Marine Fisheries Commission

7600 Sandpoint Way NE, Building 4  
Seattle, WA 98115

efin@psmfc.org " <http://www.psmfc.org/efin>  
(206) 526-4251 voice " (888) 421-4251 toll free  
(206) 526-4074 fax

# Marine Fuel Prices Data Series Description

## Table of Contents

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*This document was created to assist users of marine fuel price data from the Economics Data Program Website. It contains the following information:*

- General Information
  - Data Retrieval Information
  - Contact Information
  
- Sample
  - Port Selection Method
  - Ports Selected
  - Fuel Docks
  
- Data Collection
  - Date of Collection
  - Price Data Collected
  - Data Availability
  
- Data Files
  - Data File Contents
  - Variable Formats

# General Information

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## Data Retrieval Location

This data was retrieved from the Pacific States Marine Fisheries Commission's Economics Data Program at <http://www.psmfc.org/efin>.

## Contact Information

Please direct any questions, suggestions or other comments to:

Sara Douglass

Assistant Fisheries Economics Data Manager

[sara\\_douglass@psmfc.org](mailto:sara_douglass@psmfc.org)

(206) 526-4335

# Sample

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## Port Selection Method

### *Alaska*

Ports were selected through discussions with ADF&G and NPFMC staff. The selected ports were chosen to include ports with significant revenue generation and which were broadly geographically representative of commercial fishing ports in Alaska.

### *California/Oregon/Washington*

Ports in Washington, Oregon and California were selected if:

- The port meets at least one of the following:
  - ◊ was included in the NMFS SW Region's collection of fuel prices which was suspended in 1994;
  - ◊ or was one of the top 25 revenue generating ports\* on the West Coast in 1997;
  - ◊ or was one of the top 10 revenue generating ports\* in the state in 1997;
- and has a fuel dock
- and is identified by as a single port in the PacFIN port codes (as opposed to a group of ports; e.g., OSF - Other San Francisco Ports)

## Selected Ports

The above selection process resulted in the selection of the following ports:

### *Alaska*

Cordova  
Dutch Harbor  
Homer  
Juneau  
Ketchikan  
Kodiak  
Petersburg  
Sand Point  
Seward  
Sitka  
St. Paul Island



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\* Revenue generation figures are based upon revenue data associated with all species from PacFIN on 30 Dec 98.



*Washington*

Anacortes  
 Bellingham Bay  
 Blaine  
 Everett  
 Ilwaco/Chinook  
 Neah Bay  
 Olympia  
 Port Angeles  
 Port Townsend  
 Seattle  
 Shelton  
 Westport

*Oregon*

Astoria  
 Brookings  
 Coos Bay  
 Depoe Bay  
 Florence  
 Gold Beach  
 Newport  
 Winchester Bay

*California*

Bodega Bay  
 Crescent City  
 Eureka  
 Fort Bragg  
 Morro Bay  
 Moss Landing  
 Port Hueneme  
 Princeton  
 San Francisco  
 San Pedro  
 Santa Barbara  
 Sausalito

- Terminal Island (CA) and Willapa Bay (WA) were excluded from this list due to their extremely close proximity to other ports from which price data are already being collected.
- Tillamook/Garibaldi was excluded as the fuel dock does not carry #2 marine diesel.
- Monterey Bay was excluded as we were unable to contact the fuel dock for several consecutive months.
- One of the two fuel docks in Newport (NEW1) was dropped after the April 1999 price collection as it is no longer a fuel dock.
- Port Orford was excluded as we were unable to contact the fuel dock for several consecutive months.

## Fuel Docks

At least one fuel dock in each selected port will be surveyed. Each fuel dock can be uniquely identified by its "Fuel Dock Identifier". This identifier was formed by using the 3 letter PACFIN/AKFIN port code for the port in which the dock is located followed by a sequential number. (For example, KTN2 identifies the second fuel dock surveyed in Ketchikan, AK and SEA4 identifies the fourth fuel dock surveyed in Seattle, WA..) A fuel dock's identifier will remain unique to that dock throughout the collection of this data to allow a single dock to be identified over time.

Fuel docks were selected on the following basis:

1. If a fuel dock was included in NMFS SW Region's fuel price collection and that dock's phone number is still operational, that dock is included.
2. If a fuel dock was listed in the "Port Guide" appearing in the 1998 National Fisherman's Journal Pilothouse Guide and Yellow Pages, that dock is included.
3. If a fuel dock was not located through the "Port Guide" method for a given port, the US West Dex Internet Yellow Pages were used to locate a fuel dock at that port.
4. In some cases, the Port Office is called in lieu of a fuel dock.
5. If, over the course of the data collection, a fuel dock is discovered to be somehow inappropriate for this collection (e.g., the dock is a subsidiary of another dock surveyed) the inappropriate fuel dock will be excluded from further data collections.
6. If, over the course of the data collection, a new fuel dock is identified as a more appropriate fuel dock than the one currently being surveyed, the new dock will replace the old dock in future collections. However, the new fuel dock will be assigned a new fuel dock identifier.
7. If, over the course of the data collection, a new fuel dock is identified as being a useful contributor to this collection, the fuel dock will receive a new fuel dock identifier and be added to future data collections.

# Data Collection

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## Date of Collection

Fuel prices will be collected the first Tuesday of each month, given the following contingencies.

- If the first Tuesday of a month is a holiday, prices will be collected the following Thursday. For instance, July 4, 2000 is a Tuesday. Price data for July 2000 will be collected on Thursday, July 6, 2000. The date that data are collected will be stored with the data.
- If the fuel dock being surveyed does not answer their phone on the first Tuesday of the month for any reason, the person surveying the fuel docks will try to reach the dock in question one more time during that day and three times on the following Thursday (until the dock is reached). If the dock could not be reached during these attempts, a missing value will appear in the data for that dock.
- If there is some other circumstance that prevents the person conducting the survey of fuel prices from being able to do so on the first Tuesday of the month, fuel prices will be collected on the next business day.

## Price Data Collected

The data to be collected are the before tax (where applicable) cash price for 600 gallons of #2 marine diesel for a commercial fishing vessel.

If the before tax price is not available, (i.e., the fuel dock cannot/will not provide before tax price,) the pre-tax price will be calculated when possible and a note will be made in the "notes" column.

## Data Availability

Fuel price data will be available by state and in a combined West Coast/Alaska file. These data will be entered made available on the EFIN website in SPSS and ASCII formats by the second Tuesday of each month, but no earlier than the first Thursday of the month.

# Data Files

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## Data File Contents

### *Alaska*

The series of Alaska fuel prices is a subset of the West Coast/Alaska Fuel Prices data collection. The difference is that the information has been restricted to the following Alaska ports: Cordova, Dutch Harbor, Homer, Juneau, Ketchikan, Kodiak, Petersburg, Sand Point, Seward, Sitka, and St. Paul Island.

### *California*

The series of California fuel prices is a subset of the West Coast/Alaska Fuel Prices data collection. The difference is that the information has been restricted to the following California ports: Bogeda Bay, Crescent City, Eureka, Fort Bragg, Monterey, Morro Bay, Moss Landing, Port Hueneme, Princeton (Half Moon Bay), San Francisco, San Pedro, Santa Barbara and Sausalito.

### *Oregon*

The series of Oregon fuel prices is a subset of the West Coast/Alaska Fuel Prices data collection. The difference is that the information has been restricted to the following Oregon ports: Astoria, Brookings, Coos Bay, Depoe Bay, Florence, Gold Beach, Newport, Tillamook/Garibaldi and Winchester Bay.

### *Washington*

The series of Washington fuel prices is a subset of the West Coast/Alaska Fuel Prices data collection. The difference is that the information has been restricted to the following Washington ports: Anacortes, Bellingham Bay, Blaine, Everett, Ilwaco/Chinook, Neah Bay, Olympia, Port Angeles, Port Townsend, Seattle, Shelton and Westport.

### *Combined File*

The combined file contains all the pricing information for Alaska, California, Oregon and Washington.

## Variable Formats

Marine fuel price data are available in 2 formats: as a SPSS file and as an ASCII fixed width file. Each file contains the following variables:

Variable	Type	Width	Variable Title	Data Values/Notes
Year	Numeric	4.0	Year of fuel price collection	
Month	Numeric	2.0	Month of fuel price collection	1=January, 2=February, etc.
Day	Numeric	2.0	Date of fuel price collection	
Port	Character	3	PacFIN/AKFIN port code	
PortName	Character	30	Name of port	
State	Character	2	State in which port is located	2-letter US Postal Service official abbreviation
DockCode	Character	4	Fuel dock identifier	
Pricettl	Dollar	10.2	Total cash price before tax of 600 gallons of #2 marine diesel in current US dollars	Pricettl=\$0.00 indicates that a total price was unavailable for this fuel dock \$0.00 set to user missing value in SPSS data file
Pricegal	Dollar	6.6	Cash price per gallon before tax of 600 gallons of #2 marine diesel in current US dollars	Pricegal=\$0.000 indicates that a total price was unavailable for this fuel dock \$0.000 set to user missing value in SPSS data file
PxQuoted	Numeric	1.0	Which price was quoted	0 = No Price Quoted - See Notes 1 = Price per Gallon Quoted 2 = Total Price Quoted 3 = Both Prices Quoted
Notes	Character	50	Any notes related to anomalies, exceptions, caveats, etc associated with the data in the record	