

West Coast and Alaska Marine Fuel Prices 2000-2002

Annual Report



Economics Data Program
Pacific States Marine Fisheries Commission

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Marine Fuel Prices

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General Information

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

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Sample

Port Selection Method

Alaska

Originally, 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 supplier
- 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)

Since the survey's inception, suppliers have been added to increase coverage or to replace ones that declined to participate.

Changes Since Inception

- 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 supplier does not carry #2 marine diesel.
- Monterey Bay was excluded as we were unable to contact the fuel supplier for 3 consecutive months.
- Coos Bay (OR) Declined to further participate, 2000.
- Adak, Naknek, Dillingham, Yakutat and Wrangell (AK) were added in 2001.
- Brookings and Port Orford (CA) were dropped as they were unable to be contacted, 2001.
- Princeton (CA) declined to further participate, 2001.
- Astoria was grouped in N. Oregon as there were less than 2 fuel suppliers reporting, 2001.
- Blaine (WA) dropped due to no contact and no commercial sales, 2002.
- St. Paul Island dropped, no longer able to contact them in 2002.

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

Selected Ports

Fuel Suppliers who provided data in 2002 are in the following ports:

Alaska

Adak	Homer	Sand Point
Akutan	Juneau	Seward
Cordova	Ketchikan	Sitka
Dillingham	Kodiak	Wrangell
Dutch Harbor	Naknek	Yakutat
	Petersburg	





Washington

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

Oregon

- Astoria
- Depoe Bay
- Florence
- Gold Beach
- Newport
- Winchester Bay

California

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

Fuel Suppliers

At least one fuel supplier in each selected port will be surveyed. Its "Fuel Dock Identifier" can uniquely identify each fuel supplier. This identifier was formed by using the 3 letter PACFIN/AKFIN port code for the location of the fuel supplier followed by a sequential number. (For example, KTN2 identifies the second fuel supplier surveyed in Ketchikan, AK and SEA4 identifies the fourth fuel supplier surveyed in Seattle, WA.) A fuel supplier'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 suppliers were selected on the following basis:

1. If a fuel supplier was included in NMFS SW Region's fuel price collection and that dock's phone number is still operational, that supplier is included.
2. If a fuel supplier was listed in the "Port Guide" appearing in the 1998 National Fisherman's Journal Pilothouse Guide and Yellow Pages, that supplier is included.
3. If a fuel supplier 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 supplier at that port.
4. In some cases, the Port Office is called in lieu of a fuel supplier and some suppliers have been added to increase coverage in certain areas as their contact information has become available.

Data Collection

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 supplier being surveyed does not answer their phone on the first Tuesday of the month for any reason, the person surveying the fuel suppliers 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 supplier 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 Economic Fisheries Information Network (EFIN) website in SPSS and ASCII formats by the second Tuesday of each month.

The link to this data is: <http://www.psmfc.org/efin/data/fuel.html>

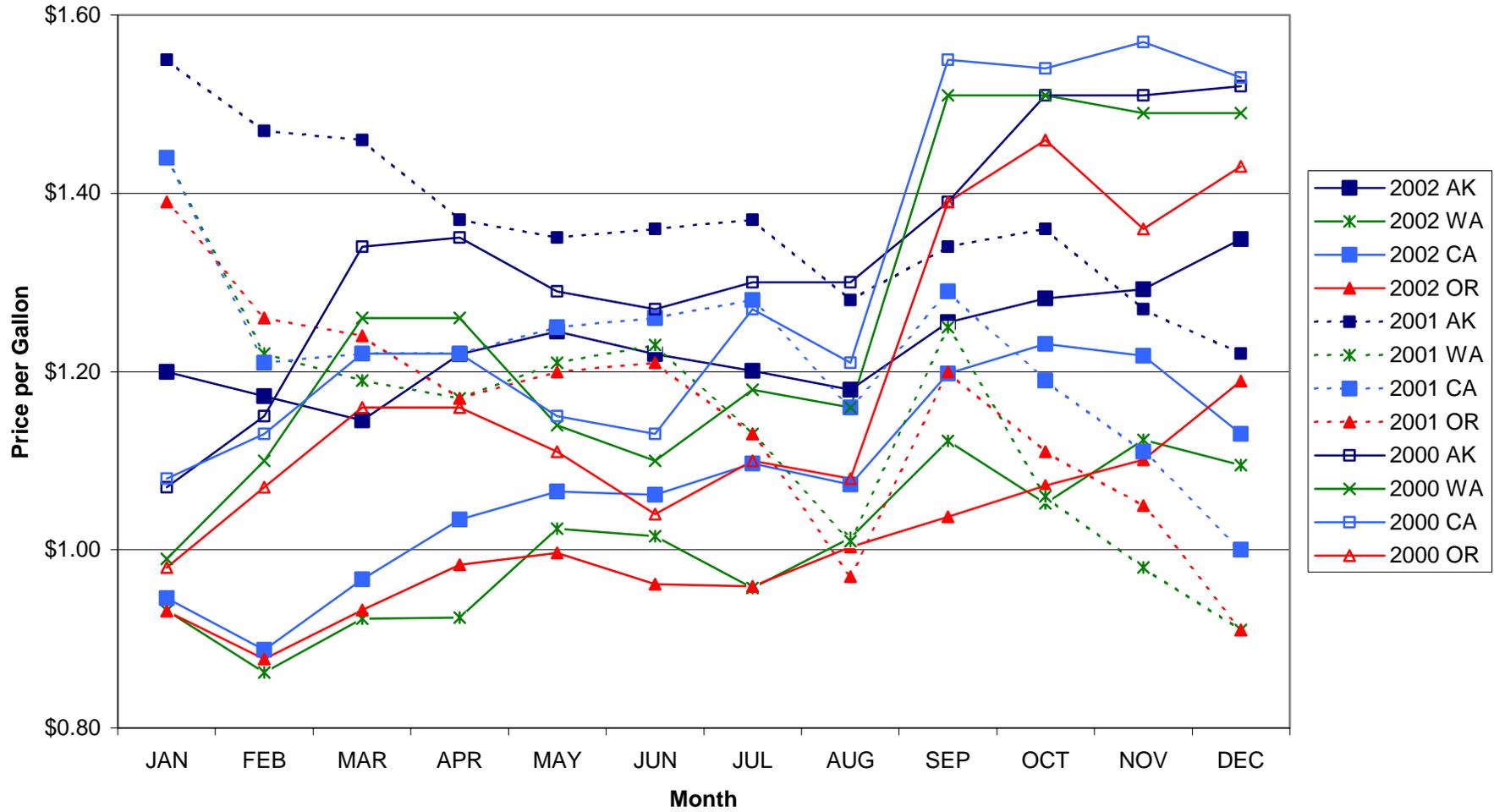
Variable Formats

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 supplier \$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 supplier \$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	

All States

**State Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel,
2000-2001**

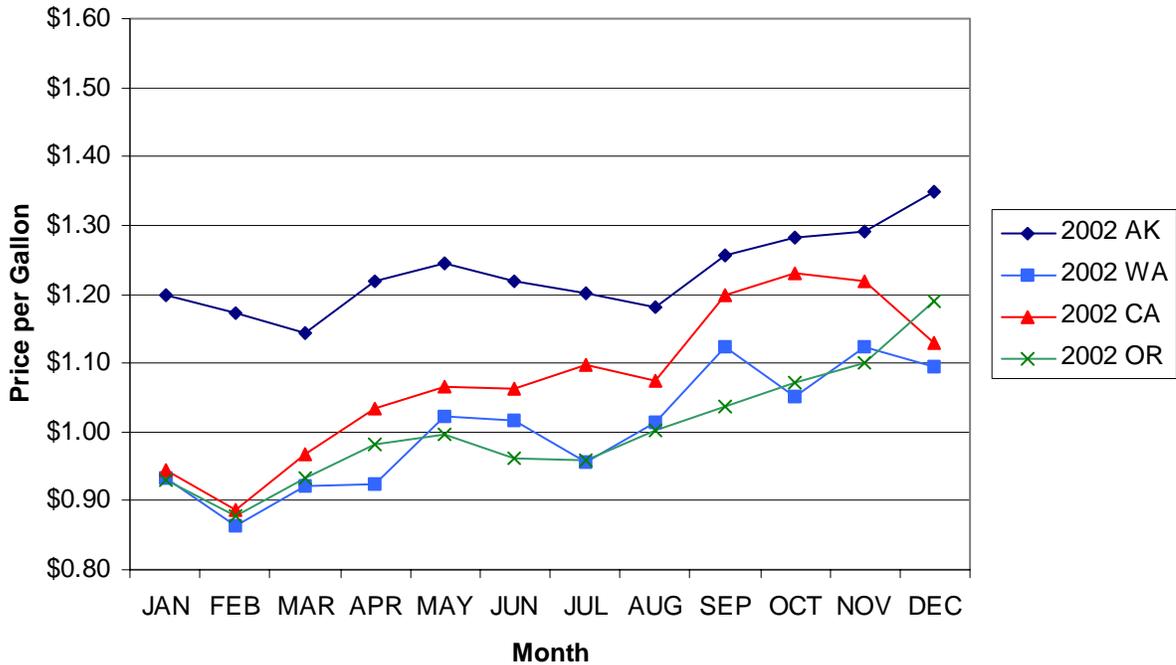


State-Level Summary 2000 – 2002

2002	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.20	\$1.17	\$1.15	\$1.22	\$1.25	\$1.22
Washington	\$0.93	\$0.86	\$0.92	\$0.92	\$1.02	\$1.02
California	\$0.95	\$0.89	\$0.97	\$1.03	\$1.07	\$1.06
Oregon	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.20	\$1.18	\$1.26	\$1.28	\$1.29	\$1.35
	\$0.96	\$1.01	\$1.12	\$1.05	\$1.12	\$1.10
	\$1.10	\$1.07	\$1.20	\$1.23	\$1.22	\$1.13
	\$0.96	\$1.00	\$1.04	\$1.07	\$1.10	\$1.19
2001	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.55	\$1.47	\$1.46	\$1.37	\$1.35	\$1.36
Washington	\$1.44	\$1.22	\$1.19	\$1.17	\$1.21	\$1.23
California	\$1.44	\$1.21	\$1.22	\$1.22	\$1.25	\$1.26
Oregon	\$1.39	\$1.26	\$1.24	\$1.17	\$1.20	\$1.21
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.37	\$1.28	\$1.34	\$1.36	\$1.27	\$1.22
	\$1.13	\$1.01	\$1.25	\$1.06	\$0.98	\$0.91
	\$1.28	\$1.16	\$1.29	\$1.19	\$1.11	\$1.00
	\$1.13	\$0.97	\$1.20	\$1.11	\$1.05	\$0.91
2000	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.07	\$1.15	\$1.34	\$1.35	\$1.29	\$1.27
Washington	\$0.99	\$1.10	\$1.26	\$1.26	\$1.14	\$1.10
California	\$1.08	\$1.13	\$1.22	\$1.22	\$1.15	\$1.13
Oregon	\$0.98	\$1.07	\$1.16	\$1.16	\$1.11	\$1.04
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.30	\$1.30	\$1.39	\$1.51	\$1.51	\$1.52
	\$1.18	\$1.16	\$1.51	\$1.51	\$1.49	\$1.49
	\$1.27	\$1.21	\$1.55	\$1.54	\$1.57	\$1.53
	\$1.10	\$1.08	\$1.39	\$1.46	\$1.36	\$1.43

2002 West Coast Fuel Prices State-Level Summaries

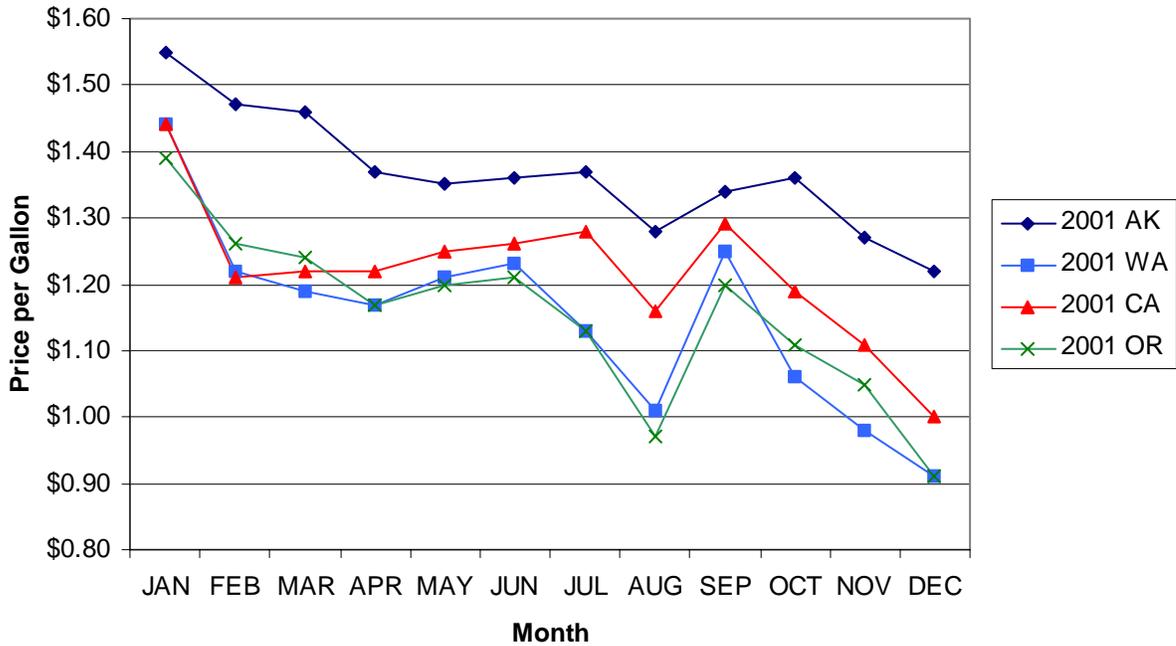
Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



2002	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.20	\$1.17	\$1.15	\$1.22	\$1.25	\$1.22
Washington	\$0.93	\$0.86	\$0.92	\$0.92	\$1.02	\$1.02
California	\$0.95	\$0.89	\$0.97	\$1.03	\$1.07	\$1.06
Oregon	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.20	\$1.18	\$1.26	\$1.28	\$1.29	\$1.35
	\$0.96	\$1.01	\$1.12	\$1.05	\$1.12	\$1.10
	\$1.10	\$1.07	\$1.20	\$1.23	\$1.22	\$1.13
	\$0.96	\$1.00	\$1.04	\$1.07	\$1.10	\$1.19

2001 West Coast Fuel Prices State-Level Summaries

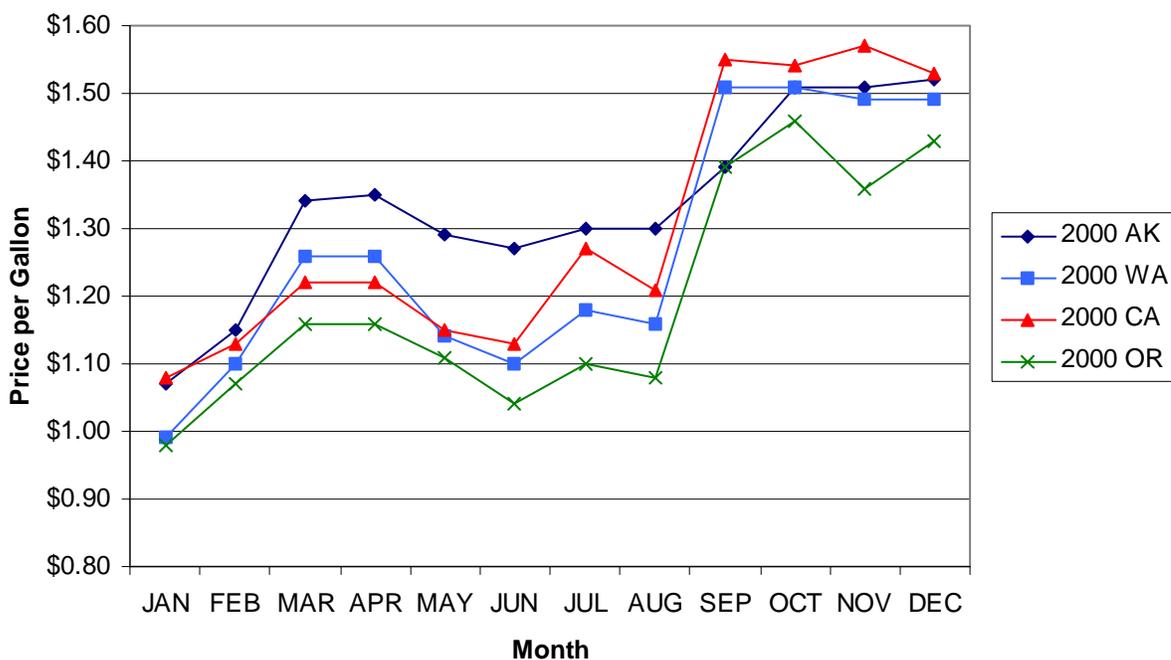
Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



2001	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.55	\$1.47	\$1.46	\$1.37	\$1.35	\$1.36
Washington	\$1.44	\$1.22	\$1.19	\$1.17	\$1.21	\$1.23
California	\$1.44	\$1.21	\$1.22	\$1.22	\$1.25	\$1.26
Oregon	\$1.39	\$1.26	\$1.24	\$1.17	\$1.20	\$1.21
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.37	\$1.28	\$1.34	\$1.36	\$1.27	\$1.22
	\$1.13	\$1.01	\$1.25	\$1.06	\$0.98	\$0.91
	\$1.28	\$1.16	\$1.29	\$1.19	\$1.11	\$1.00
	\$1.13	\$0.97	\$1.20	\$1.11	\$1.05	\$0.91

2000 West Coast Fuel Prices State-Level Summaries

Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel

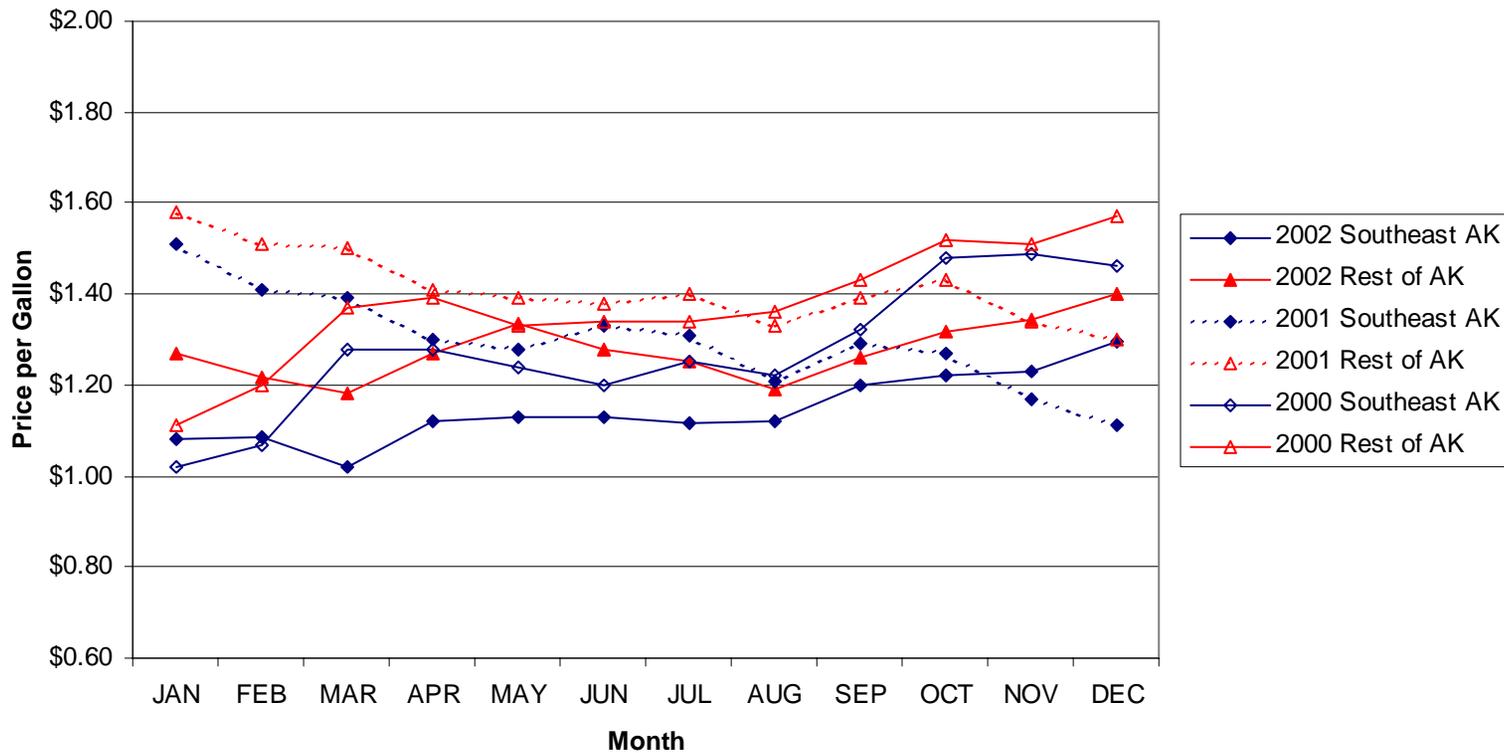


2000	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.07	\$1.15	\$1.34	\$1.35	\$1.29	\$1.27
Washington	\$0.99	\$1.10	\$1.26	\$1.26	\$1.14	\$1.10
California	\$1.08	\$1.13	\$1.22	\$1.22	\$1.15	\$1.13
Oregon	\$0.98	\$1.07	\$1.16	\$1.16	\$1.11	\$1.04
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.30	\$1.30	\$1.39	\$1.51	\$1.51	\$1.52
	\$1.18	\$1.16	\$1.51	\$1.51	\$1.49	\$1.49
	\$1.27	\$1.21	\$1.55	\$1.54	\$1.57	\$1.53
	\$1.10	\$1.08	\$1.39	\$1.46	\$1.36	\$1.43

Alaska

Regional-Level Summary for Alaska, 2000-2002

2000, 2001 & 2002 Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Regional-Level Summary for Alaska

The ports in Alaska were grouped into two regions:

The Rest of Alaska

- Adak
- Akutan
- Cordova
- Dillingham
- Dutch Harbor
- Homer
- Kodiak
- Naknek
- Sand Point
- Seward
- St. Paul Island

Southeast Alaska

- Juneau
- Ketchikan
- Petersburg
- Sitka
- Wrangell
- Yakutat

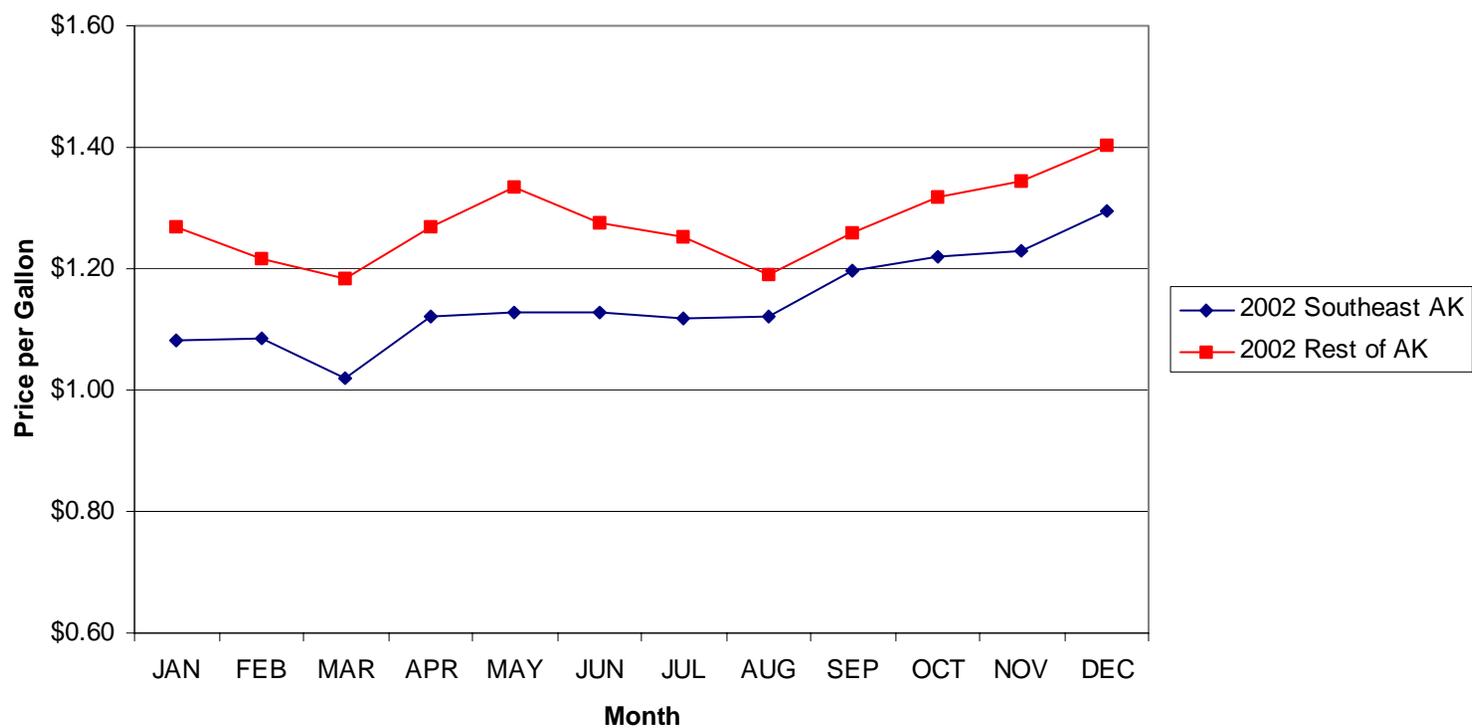
2002	JAN	FEB	MAR	APR	MAY	JUN
Southeast Alaska	\$1.08	\$1.08	\$1.02	\$1.12	\$1.13	\$1.13
Rest of Alaska	\$1.27	\$1.22	\$1.18	\$1.27	\$1.33	\$1.28
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.12	\$1.12	\$1.20	\$1.22	\$1.23	\$1.30
	\$1.25	\$1.19	\$1.26	\$1.32	\$1.34	\$1.40

2001	JAN	FEB	MAR	APR	MAY	JUN
Southeast Alaska	\$1.51	\$1.41	\$1.39	\$1.30	\$1.28	\$1.33
Rest of Alaska	\$1.58	\$1.51	\$1.50	\$1.41	\$1.39	\$1.38
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.31	\$1.21	\$1.29	\$1.27	\$1.17	\$1.11
	\$1.40	\$1.33	\$1.39	\$1.43	\$1.34	\$1.30

2000	JAN	FEB	MAR	APR	MAY	JUN
Southeast Alaska	\$1.02	\$1.07	\$1.28	\$1.28	\$1.24	\$1.20
Rest of Alaska	\$1.11	\$1.20	\$1.37	\$1.39	\$1.33	\$1.34
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.25	\$1.22	\$1.32	\$1.48	\$1.49	\$1.46
	\$1.34	\$1.36	\$1.43	\$1.52	\$1.51	\$1.57

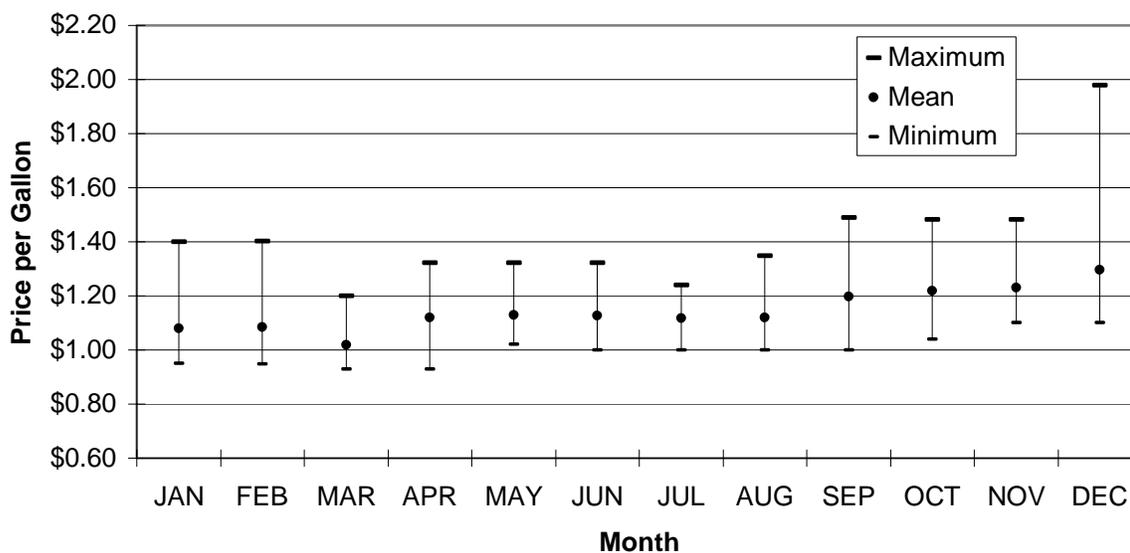
Regional-Level Summary for Alaska, 2002

Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel, 2002



Southeast Alaska

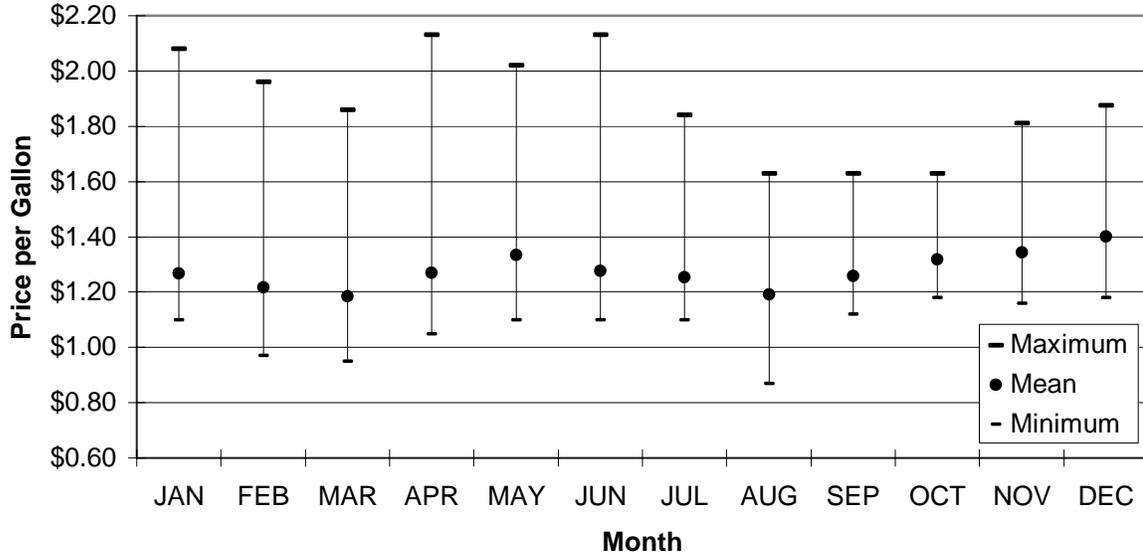
2002 Southeast Alaska Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



<u>Month</u>	<u>Maximum</u>	<u>Mean</u>	<u>Minimum</u>	<u>Standard Deviation</u>	<u>Number of Fuel Suppliers Responding</u>
January	\$1.40	\$1.08	\$0.95	\$0.15	9
February	\$1.40	\$1.08	\$0.95	\$0.14	9
March	\$1.20	\$1.02	\$0.93	\$0.09	8
April	\$1.32	\$1.12	\$0.93	\$0.12	10
May	\$1.32	\$1.13	\$1.02	\$0.09	9
June	\$1.32	\$1.13	\$1.00	\$0.09	9
July	\$1.24	\$1.12	\$1.00	\$0.07	8
August	\$1.35	\$1.12	\$1.00	\$0.11	8
September	\$1.49	\$1.20	\$1.00	\$0.18	8
October	\$1.48	\$1.22	\$1.04	\$0.14	8
November	\$1.48	\$1.23	\$1.10	\$0.12	8
December	\$1.98	\$1.30	\$1.10	\$0.29	8

Rest of Alaska

**2002 Rest of Alaska Monthly Maximum, Mean & Minimum
Before-Tax Cash Price Based on Purchase of 600 Gallons of
#2 Marine Diesel**

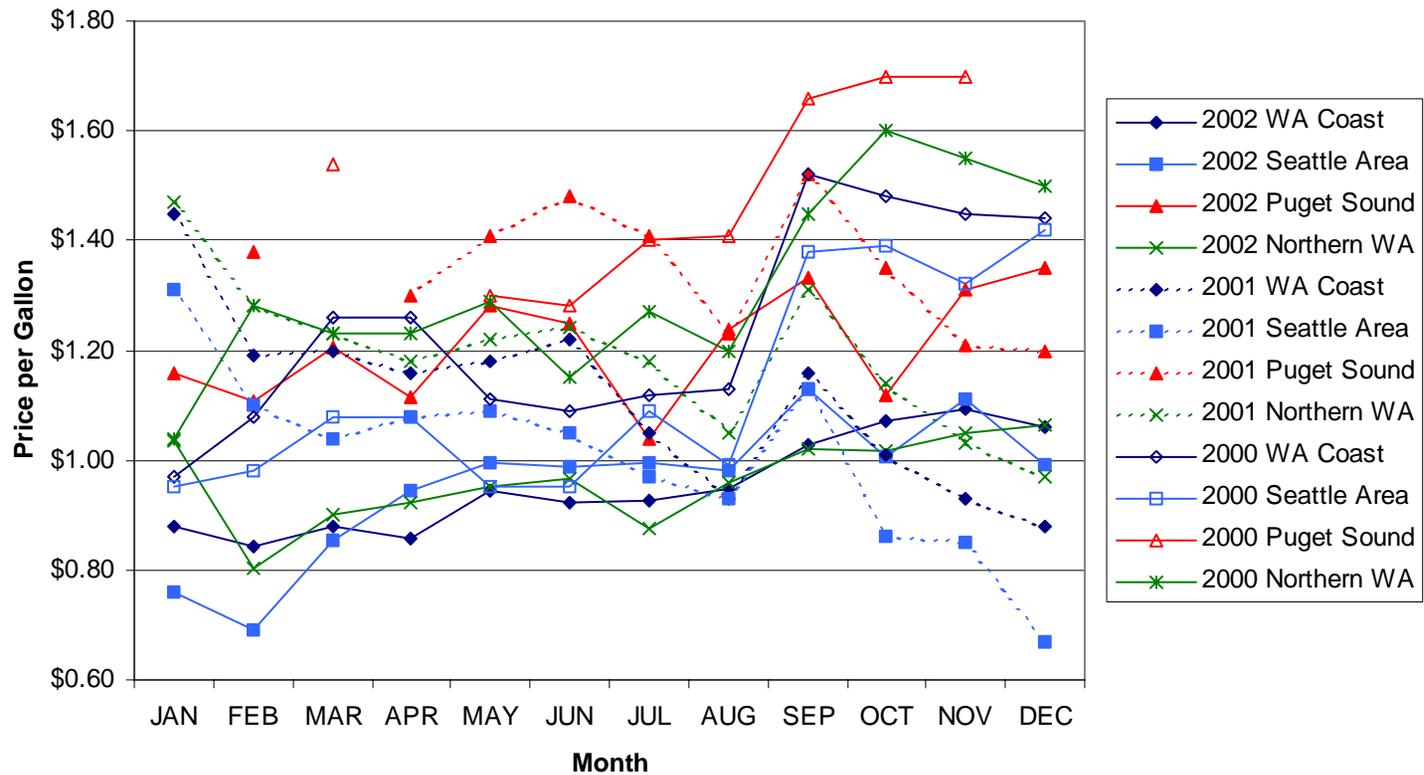


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$2.08	\$1.27	\$1.10	\$0.28	13
February	\$1.96	\$1.22	\$0.97	\$0.31	11
March	\$1.86	\$1.18	\$0.95	\$0.29	12
April	\$2.13	\$1.27	\$1.05	\$0.33	11
May	\$2.02	\$1.33	\$1.10	\$0.31	9
June	\$2.13	\$1.28	\$1.10	\$0.32	10
July	\$1.84	\$1.25	\$1.10	\$0.24	9
August	\$1.63	\$1.19	\$0.87	\$0.20	12
September	\$1.63	\$1.26	\$1.12	\$0.16	11
October	\$1.63	\$1.32	\$1.18	\$0.15	11
November	\$1.81	\$1.34	\$1.16	\$0.21	10
December	\$1.88	\$1.40	\$1.18	\$0.28	8

Washington

Regional-Level Summary for Washington, 2000-2002

2000, 2001 & 2002 Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel By Region



Regional-Level Summary for Washington

The ports in Washington were grouped into four regions:

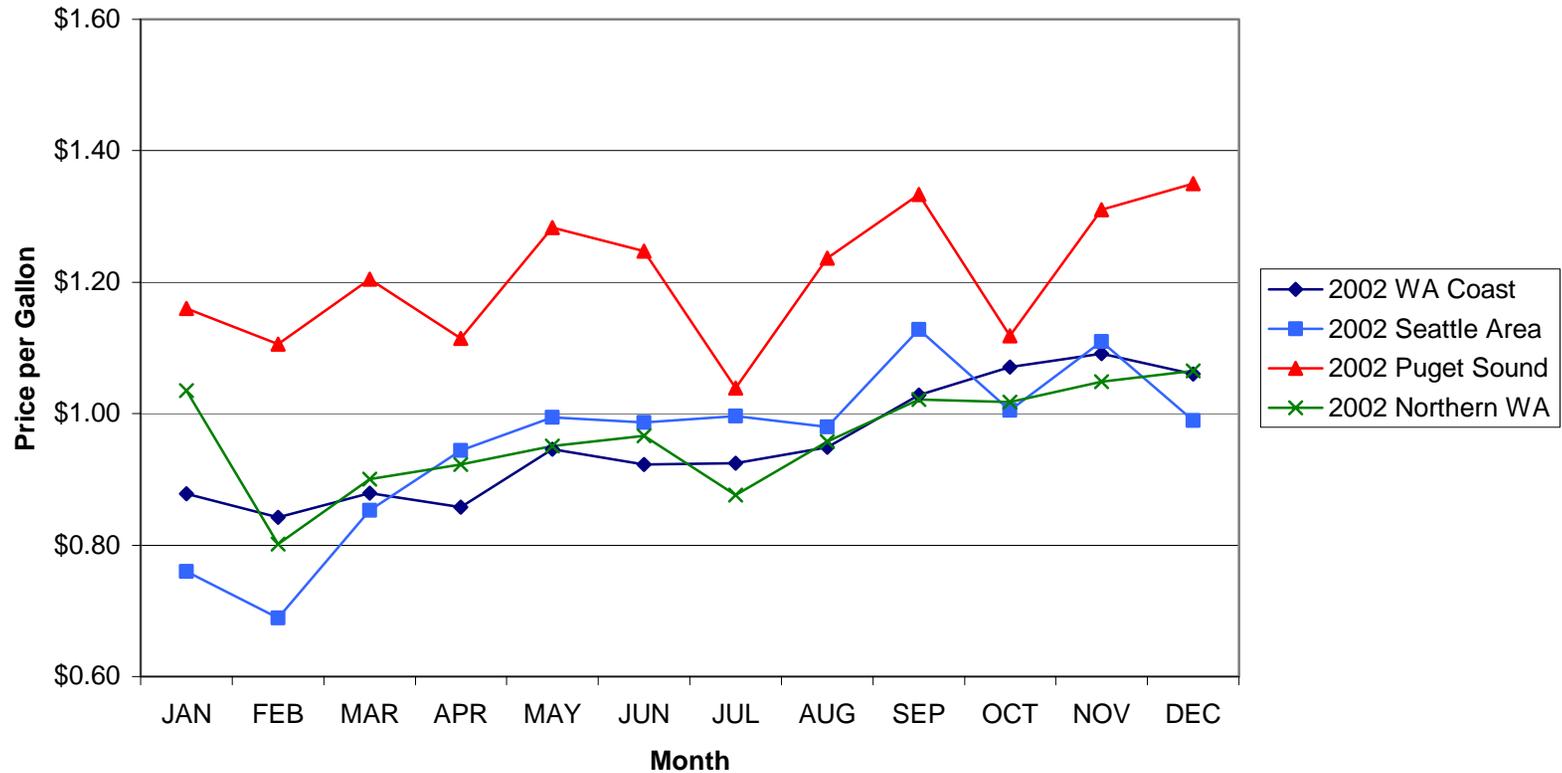
<u>Washington Coast</u>	<u>Northern Washington</u>	<u>Puget Sound</u>	<u>Seattle</u>
• Ilwaco/Chinook	• Anacortes	• Everett	• Seattle
• Neah Bay	• Bellingham Bay	• Olympia	
• Port Angeles	• Blaine	• Shelton	
• Port Townsend			
• Westport			

2002	JAN	FEB	MAR	APR	MAY	JUN
Washington Coast	\$0.88	\$0.84	\$0.88	\$0.86	\$0.95	\$0.92
Seattle Area	\$0.76	\$0.69	\$0.85	\$0.94	\$0.99	\$0.99
Puget Sound	\$1.16	\$1.11	\$1.21	\$1.12	\$1.28	\$1.25
Northern Washington	\$1.04	\$0.80	\$0.90	\$0.92	\$0.95	\$0.97
	JUL	AUG	SEP	OCT	NOV	DEC
	\$0.92	\$0.95	\$1.03	\$1.07	\$1.09	\$1.06
	\$1.00	\$0.98	\$1.13	\$1.01	\$1.11	\$0.99
	\$1.04	\$1.24	\$1.33	\$1.12	\$1.31	\$1.35
	\$0.88	\$0.96	\$1.02	\$1.02	\$1.05	\$1.06
2001	JAN	FEB	MAR	APR	MAY	JUN
Washington Coast	\$1.45	\$1.19	\$1.20	\$1.16	\$1.18	\$1.22
Seattle Area	\$1.31	\$1.10	\$1.04	\$1.08	\$1.09	\$1.05
Puget Sound	**	\$1.38	**	\$1.30	\$1.41	\$1.48
Northern Washington	\$1.47	\$1.28	\$1.23	\$1.18	\$1.22	\$1.24
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.05	\$0.93	\$1.16	\$1.01	\$0.93	\$0.88
	\$0.97	\$0.93	\$1.13	\$0.86	\$0.85	\$0.67
	\$1.41	\$1.23	\$1.52	\$1.35	\$1.21	\$1.20
	\$1.18	\$1.05	\$1.31	\$1.14	\$1.03	\$0.97
2000	JAN	FEB	MAR	APR	MAY	JUN
Washington Coast	\$0.97	\$1.08	\$1.26	\$1.26	\$1.11	\$1.09
Seattle Area	\$0.95	\$0.98	\$1.08	\$1.08	\$0.95	\$0.95
Puget Sound	**	**	\$1.54	**	\$1.30	\$1.28
Northern Washington	\$1.04	\$1.28	\$1.23	\$1.23	\$1.29	\$1.15
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.12	\$1.13	\$1.52	\$1.48	\$1.45	\$1.44
	\$1.09	\$0.99	\$1.38	\$1.39	\$1.32	\$1.42
	\$1.40	\$1.41	\$1.66	\$1.70	\$1.70	**
	\$1.27	\$1.20	\$1.45	\$1.60	\$1.55	\$1.50

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

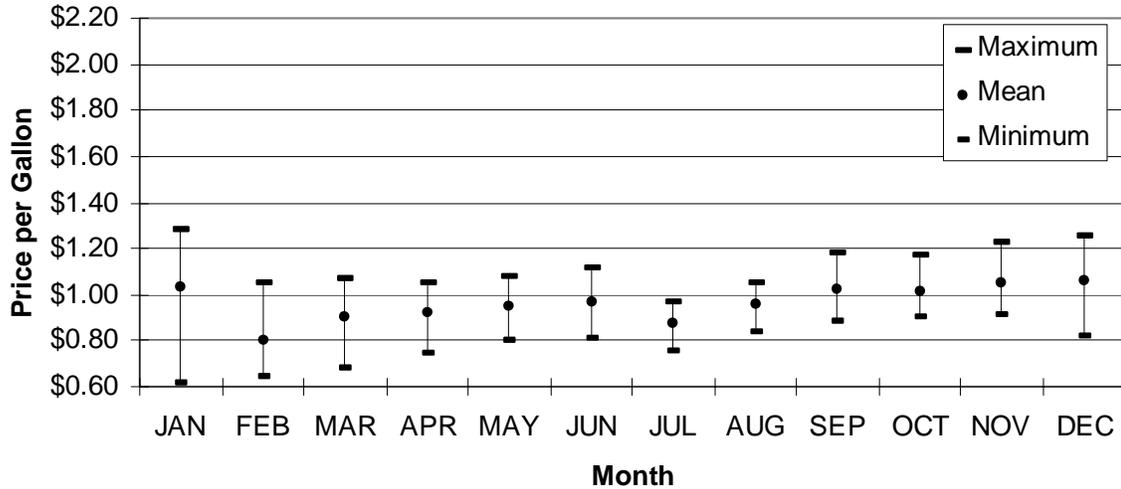
Regional-Level Summary for Washington, 2002

Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel, 2002



Northern Washington

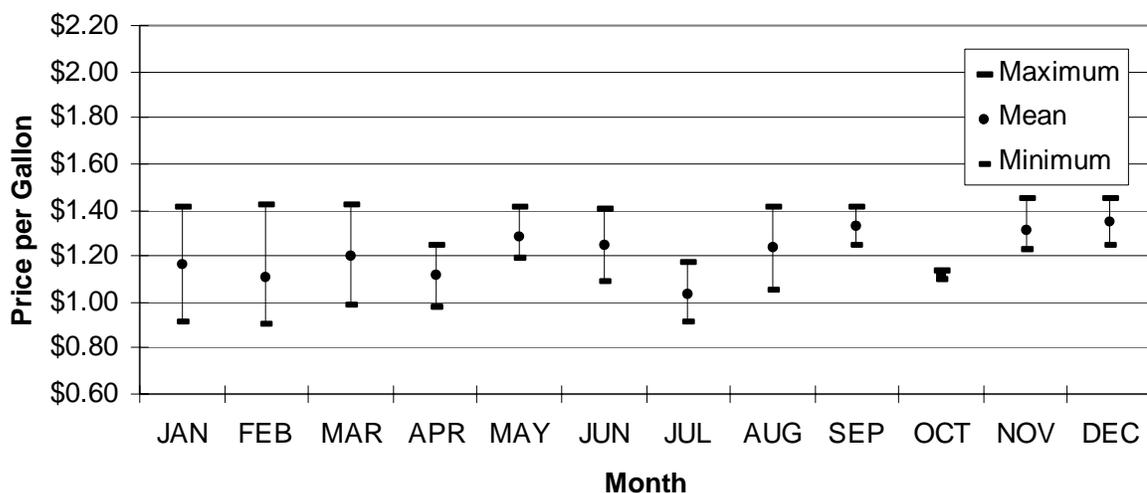
2002 Northern Washington Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.28	\$1.04	\$0.62	\$0.31	4
February	\$1.05	\$0.80	\$0.65	\$0.18	4
March	\$1.07	\$0.90	\$0.68	\$0.20	3
April	\$1.05	\$0.92	\$0.75	\$0.16	3
May	\$1.08	\$0.95	\$0.80	\$0.14	3
June	\$1.12	\$0.97	\$0.81	\$0.16	3
July	\$0.97	\$0.88	\$0.76	\$0.11	3
August	\$1.05	\$0.96	\$0.85	\$0.10	3
September	\$1.18	\$1.02	\$0.89	\$0.15	3
October	\$1.17	\$1.02	\$0.90	\$0.14	3
November	\$1.23	\$1.05	\$0.92	\$0.16	3
December	\$1.26	\$1.06	\$0.82	\$0.22	3

Puget Sound

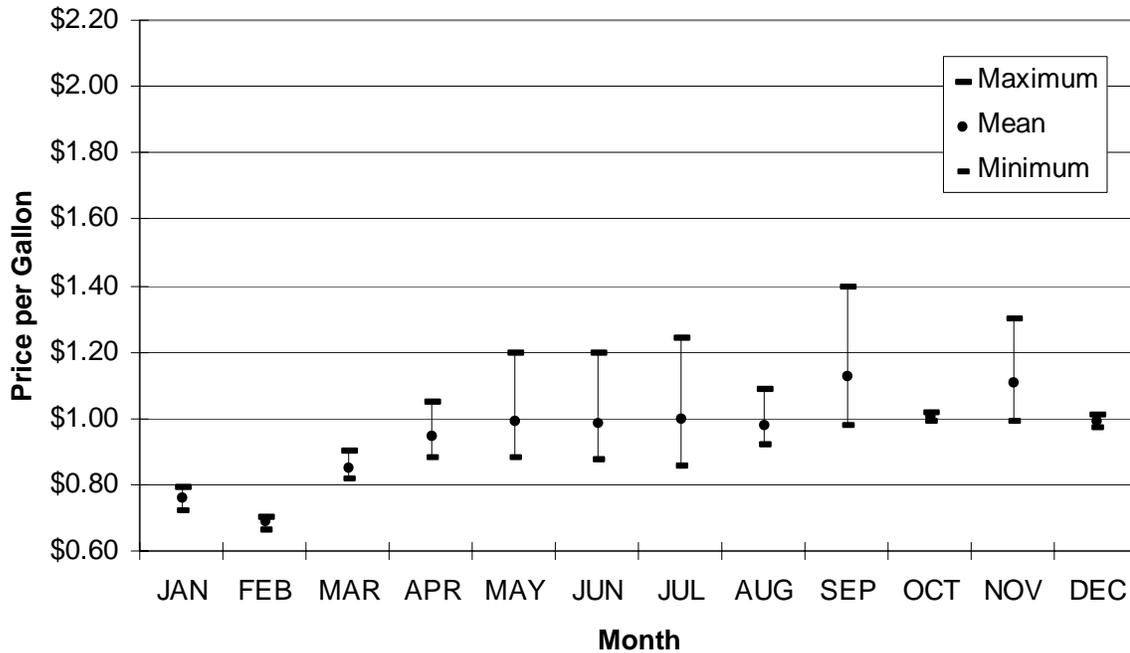
2002 Puget Sound Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.41	\$1.16	\$0.91	\$0.35	2
February	\$1.42	\$1.11	\$0.91	\$0.28	3
March	\$1.42	\$1.21	\$0.99	\$0.30	2
April	\$1.25	\$1.12	\$0.98	\$0.19	2
May	\$1.41	\$1.28	\$1.19	\$0.11	3
June	\$1.40	\$1.25	\$1.09	\$0.16	3
July	\$1.17	\$1.04	\$0.92	\$0.13	3
August	\$1.41	\$1.24	\$1.05	\$0.18	3
September	\$1.41	\$1.33	\$1.25	\$0.08	3
October	\$1.14	\$1.12	\$1.10	\$0.03	2
November	\$1.45	\$1.31	\$1.23	\$0.12	3
December	\$1.45	\$1.35	\$1.25	\$0.14	2

Seattle

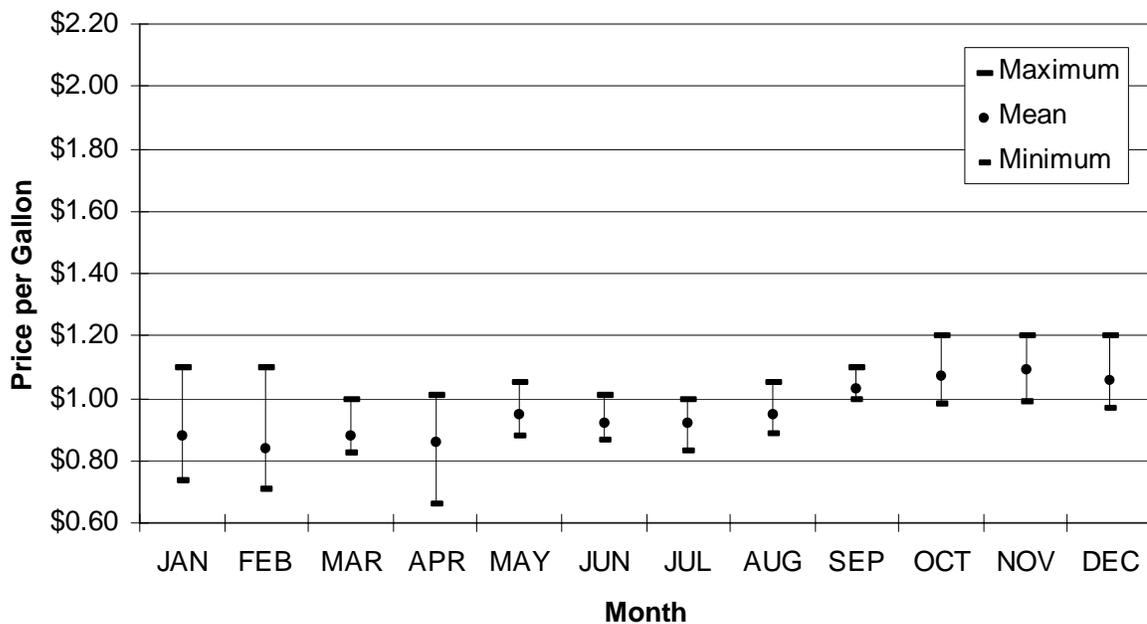
2002 Seattle Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$0.79	\$0.76	\$0.72	\$0.03	4
February	\$0.70	\$0.69	\$0.67	\$0.02	3
March	\$0.90	\$0.85	\$0.82	\$0.04	4
April	\$1.05	\$0.94	\$0.88	\$0.07	4
May	\$1.20	\$0.99	\$0.88	\$0.18	3
June	\$1.20	\$0.99	\$0.88	\$0.18	3
July	\$1.24	\$1.00	\$0.86	\$0.21	3
August	\$1.09	\$0.98	\$0.92	\$0.10	3
September	\$1.39	\$1.13	\$0.98	\$0.23	3
October	\$1.02	\$1.01	\$0.99	\$0.02	2
November	\$1.30	\$1.11	\$0.99	\$0.17	3
December	\$1.01	\$0.99	\$0.97	\$0.03	2

Washington Coast

2002 Washington Coast Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel

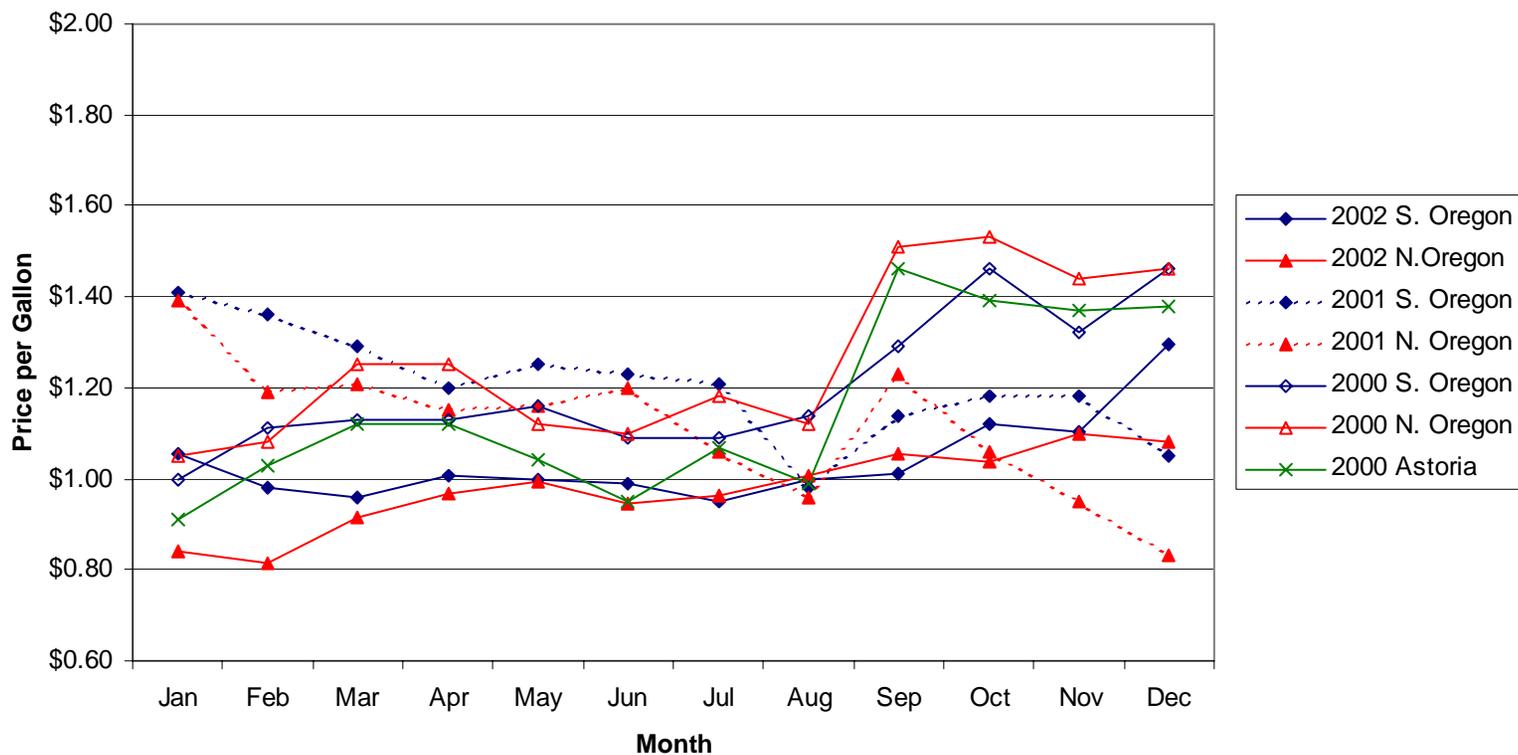


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.10	\$0.88	\$0.74	\$0.13	6
February	\$1.10	\$0.84	\$0.71	\$0.14	6
March	\$1.00	\$0.88	\$0.83	\$0.07	5
April	\$1.01	\$0.86	\$0.66	\$0.13	5
May	\$1.05	\$0.95	\$0.88	\$0.07	6
June	\$1.01	\$0.92	\$0.87	\$0.05	5
July	\$1.00	\$0.92	\$0.83	\$0.07	5
August	\$1.05	\$0.95	\$0.89	\$0.06	5
September	\$1.10	\$1.03	\$1.00	\$0.04	5
October	\$1.20	\$1.07	\$0.98	\$0.09	6
November	\$1.20	\$1.09	\$0.99	\$0.09	6
December	\$1.20	\$1.06	\$0.97	\$0.09	6

Oregon

Regional-Level Summary for Oregon, 2000-2002

2000, 2001 & 2002 Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel By Region



Regional-Level Summary for Oregon

The ports in Oregon were grouped into two regions in 2001 due to low responses.

Southern Oregon

- Florence
- Gold Beach
- Winchester Bay

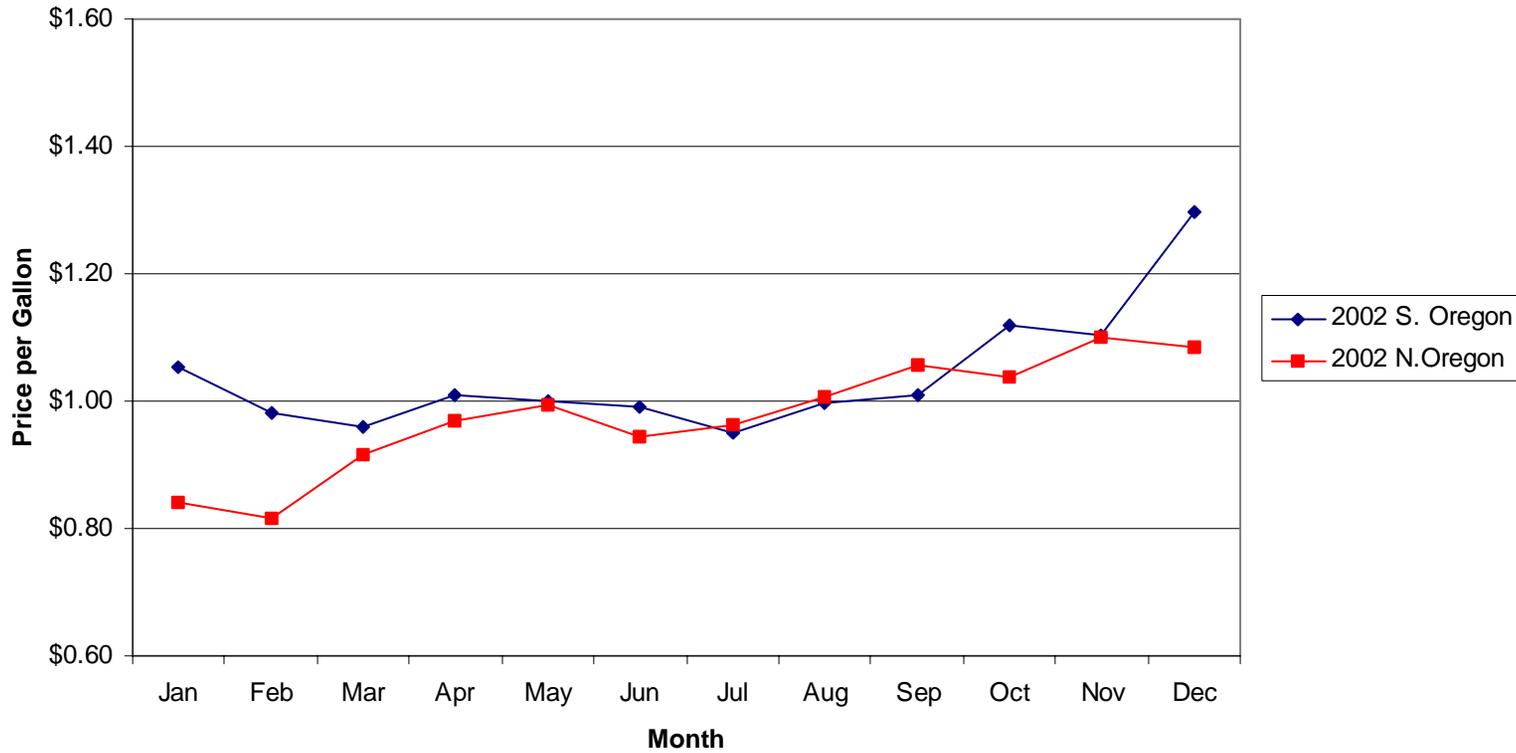
Northern Oregon

- Astoria
- Depoe Bay
- Newport

2002	Jan	Feb	Mar	Apr	May	Jun
Southern Oregon	\$1.05	\$0.98	\$0.96	\$1.01	\$1.00	\$0.99
Northern Oregon	\$0.84	\$0.82	\$0.92	\$0.97	\$1.00	\$0.95
	Jul	Aug	Sep	Oct	Nov	Dec
	\$0.95	\$1.00	\$1.01	\$1.12	\$1.10	\$1.30
	\$0.96	\$1.01	\$1.06	\$1.04	\$1.10	\$1.08
2001	Jan	Feb	Mar	Apr	May	Jun
Southern Oregon	\$1.41	\$1.36	\$1.29	\$1.20	\$1.25	\$1.23
Northern Oregon	\$1.39	\$1.19	\$1.21	\$1.15	\$1.16	\$1.20
	Jul	Aug	Sep	Oct	Nov	Dec
	\$1.21	\$0.98	\$1.14	\$1.18	\$1.18	\$1.05
	\$1.06	\$0.96	\$1.23	\$1.06	\$0.95	\$0.83
2000	Jan	Feb	Mar	Apr	May	Jun
Southern Oregon	\$1.00	\$1.11	\$1.13	\$1.13	\$1.16	\$1.09
Northern Oregon	\$1.05	\$1.08	\$1.25	\$1.25	\$1.12	\$1.10
Astoria	\$0.91	\$1.03	\$1.12	\$1.12	\$1.04	\$0.95
	Jul	Aug	Sep	Oct	Nov	Dec
	\$1.09	\$1.14	\$1.29	\$1.46	\$1.32	\$1.46
	\$1.18	\$1.12	\$1.51	\$1.53	\$1.44	\$1.46
	\$1.07	\$0.99	\$1.46	\$1.39	\$1.37	\$1.38

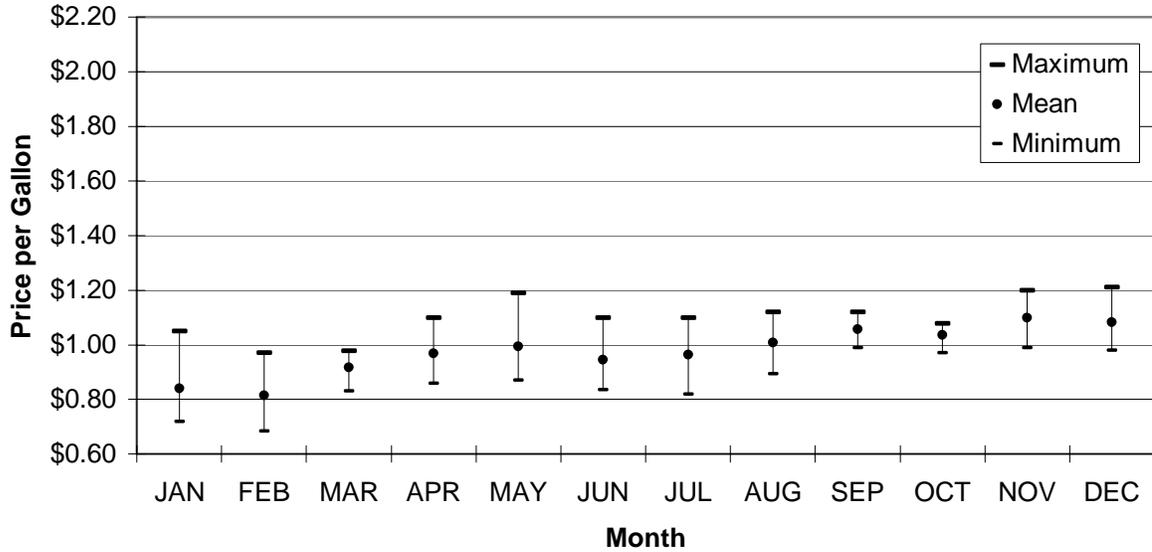
Regional-Level Summary for Oregon, 2002

Oregon Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel by Region, 2002



Northern Oregon

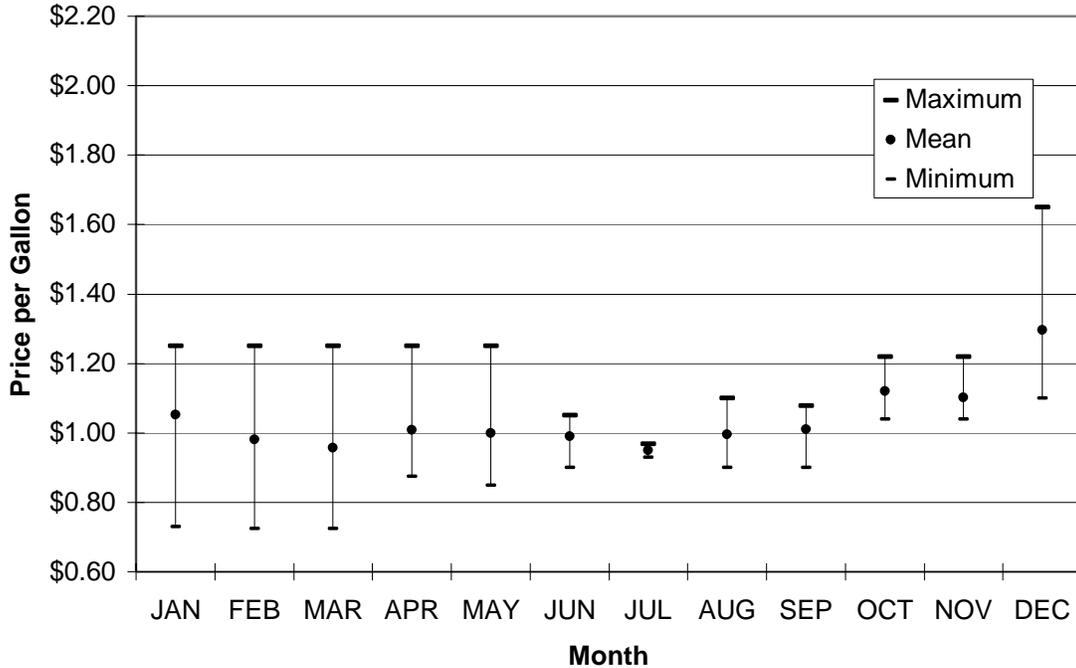
2002 Northern Oregon Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.05	\$0.84	\$0.72	\$0.14	4
February	\$0.97	\$0.82	\$0.69	\$0.12	5
March	\$0.98	\$0.92	\$0.83	\$0.06	5
April	\$1.10	\$0.97	\$0.86	\$0.09	5
May	\$1.19	\$1.00	\$0.87	\$0.12	5
June	\$1.10	\$0.95	\$0.84	\$0.10	5
July	\$1.10	\$0.96	\$0.82	\$0.11	5
August	\$1.12	\$1.01	\$0.90	\$0.08	5
September	\$1.12	\$1.06	\$0.99	\$0.06	4
October	\$1.08	\$1.04	\$0.97	\$0.05	4
November	\$1.20	\$1.10	\$0.99	\$0.11	3
December	\$1.21	\$1.08	\$0.98	\$0.12	3

Southern Oregon

2002 Southern Oregon Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel

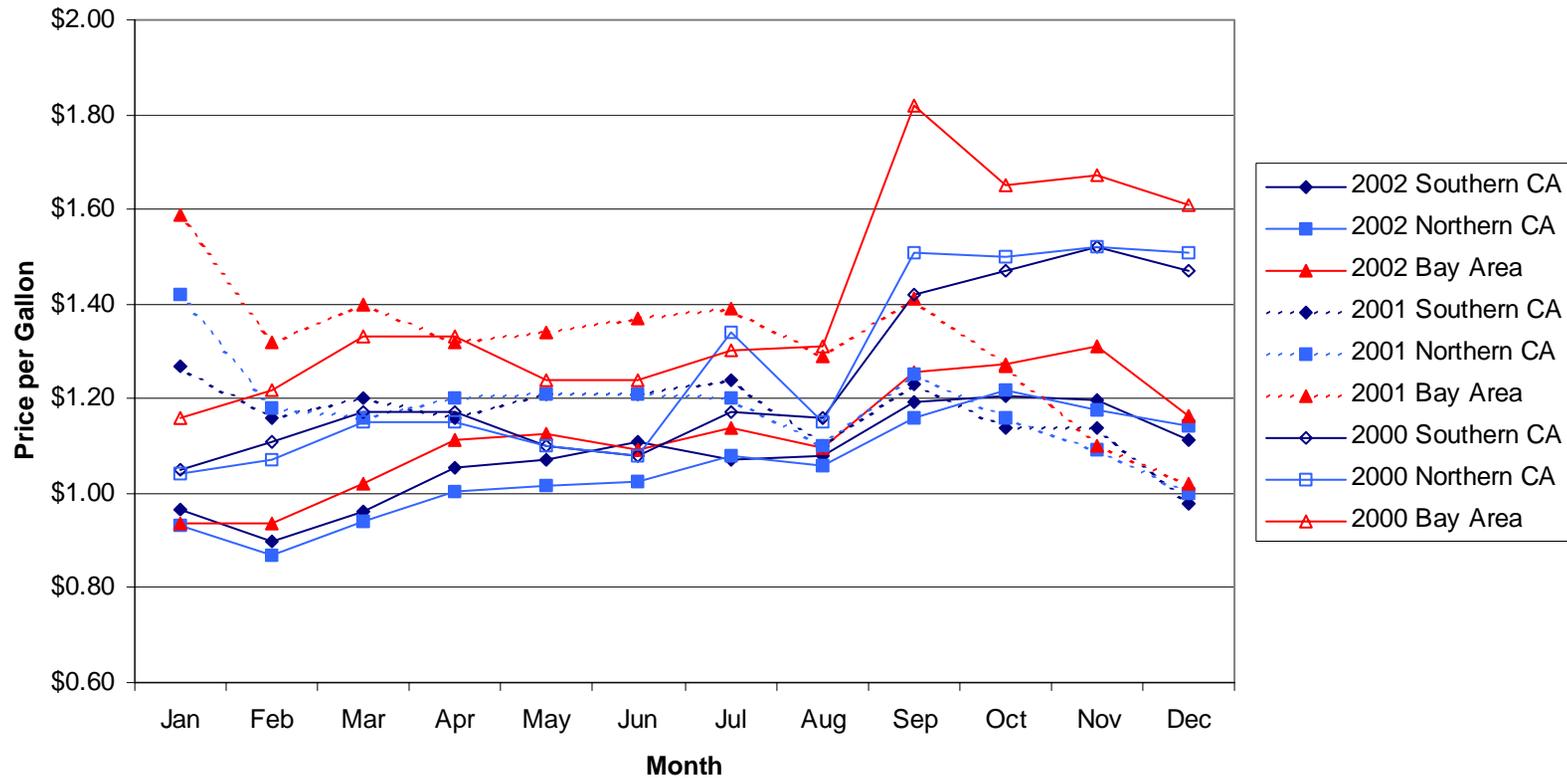


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.25	\$1.05	\$0.73	\$0.28	3
February	\$1.25	\$0.98	\$0.73	\$0.26	3
March	\$1.25	\$0.96	\$0.73	\$0.27	3
April	\$1.25	\$1.01	\$0.88	\$0.21	3
May	\$1.25	\$1.00	\$0.85	\$0.22	3
June	\$1.05	\$0.99	\$0.90	\$0.08	3
July	\$0.97	\$0.95	\$0.93	\$0.03	2
August	\$1.10	\$1.00	\$0.90	\$0.10	3
September	\$1.08	\$1.01	\$0.90	\$0.10	3
October	\$1.22	\$1.12	\$1.04	\$0.09	3
November	\$1.22	\$1.10	\$1.04	\$0.10	3
December	\$1.65	\$1.30	\$1.10	\$0.31	3

California

Regional-Level Summary for California, 2000-2002

2000, 2001 & 2002 Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel by Region



Regional-Level Summary for California

The ports in California were grouped into three regions:

Northern California

- Bodega Bay
- Crescent City
- Eureka
- Fort Bragg

Bay Area

- Moss Landing
- San Francisco
- Sausalito

Southern California

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

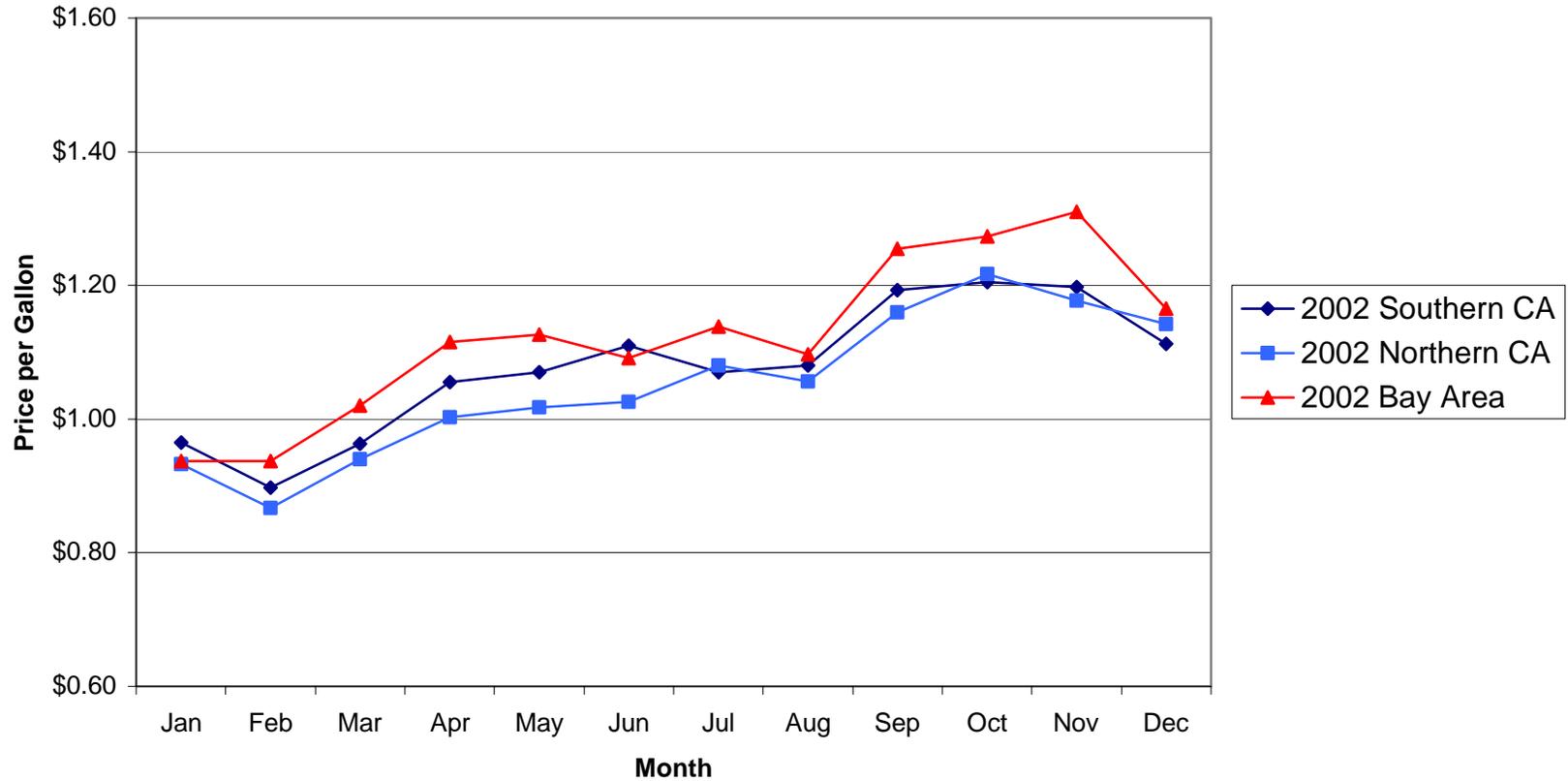
2002	Jan	Feb	Mar	Apr	May	Jun
Southern CA	\$0.97	\$0.90	\$0.96	\$1.06	\$1.07	\$1.11
Northern CA	\$0.93	\$0.87	\$0.94	\$1.00	\$1.02	\$1.03
Bay Area	\$0.94	\$0.94	\$1.02	\$1.12	\$1.13	\$1.09
	Jul	Aug	Sep	Oct	Nov	Dec
	\$1.07	\$1.08	\$1.19	\$1.21	\$1.20	\$1.11
	\$1.08	\$1.06	\$1.16	\$1.22	\$1.18	\$1.14
	\$1.14	\$1.10	\$1.25	\$1.27	\$1.31	\$1.16

2001	Jan	Feb	Mar	Apr	May	Jun
Southern CA	\$1.27	\$1.16	\$1.20	\$1.16	\$1.21	\$1.21
Northern CA	\$1.42	\$1.18	\$1.16	\$1.20	\$1.21	\$1.21
Bay Area	\$1.59	\$1.32	\$1.40	\$1.32	\$1.34	\$1.37
	Jul	Aug	Sep	Oct	Nov	Dec
	\$1.24	\$1.10	\$1.23	\$1.14	\$1.14	\$0.98
	\$1.20	\$1.10	\$1.25	\$1.16	\$1.09	\$1.00
	\$1.39	\$1.29	\$1.41	\$1.27	\$1.10	\$1.02

2000	Jan	Feb	Mar	Apr	May	Jun
Southern CA	\$1.05	\$1.11	\$1.17	\$1.17	\$1.10	\$1.08
Northern CA	\$1.04	\$1.07	\$1.15	\$1.15	\$1.10	\$1.08
Bay Area	\$1.16	\$1.22	\$1.33	\$1.33	\$1.24	\$1.24
	Jul	Aug	Sep	Oct	Nov	Dec
	\$1.17	\$1.16	\$1.42	\$1.47	\$1.52	\$1.47
	\$1.34	\$1.15	\$1.51	\$1.50	\$1.52	\$1.51
	\$1.30	\$1.31	\$1.82	\$1.65	\$1.67	\$1.61

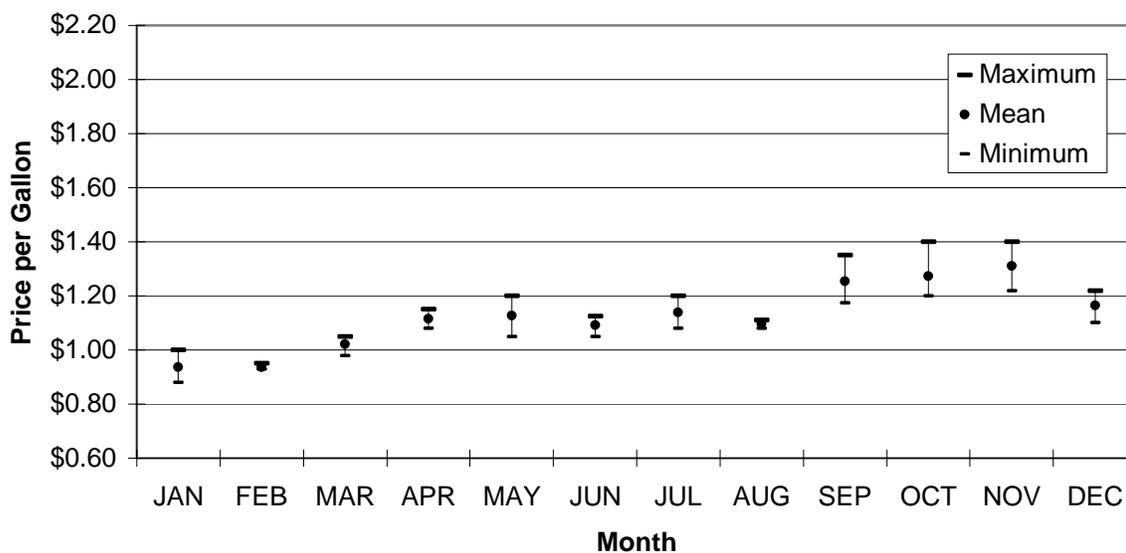
Regional-Level Summaries for California, 2002

Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel by Region



Bay Area

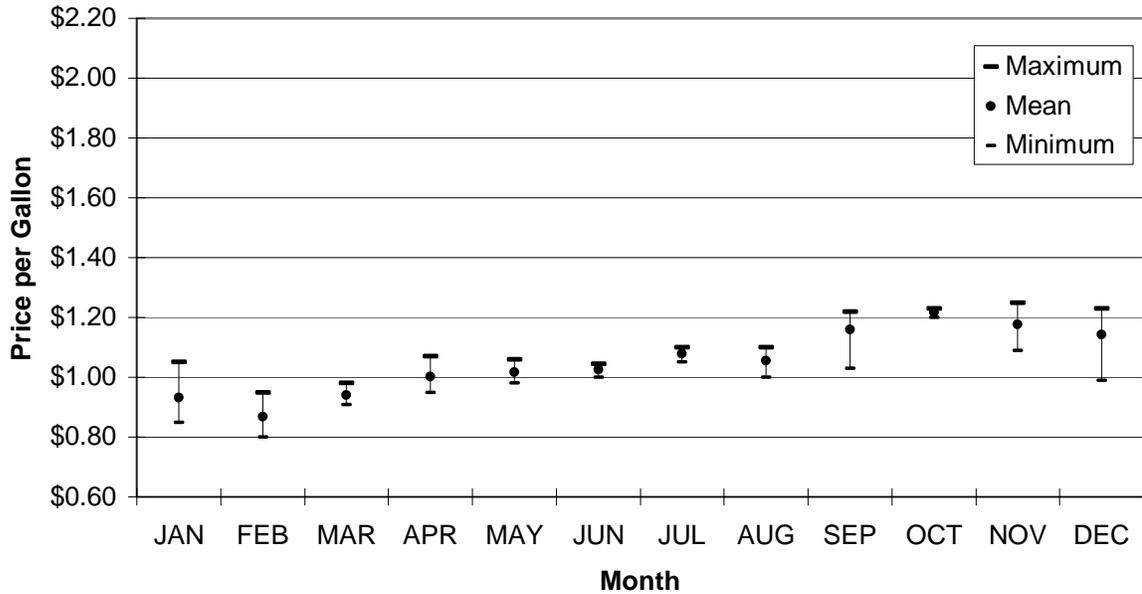
2002 Bay Area Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.00	\$0.94	\$0.88	\$0.06	3
February	\$0.95	\$0.94	\$0.93	\$0.01	3
March	\$1.05	\$1.02	\$0.98	\$0.04	3
April	\$1.15	\$1.12	\$1.08	\$0.05	2
May	\$1.20	\$1.13	\$1.05	\$0.08	3
June	\$1.12	\$1.09	\$1.05	\$0.04	3
July	\$1.20	\$1.14	\$1.08	\$0.06	3
August	\$1.11	\$1.10	\$1.08	\$0.02	3
September	\$1.35	\$1.25	\$1.17	\$0.09	3
October	\$1.40	\$1.27	\$1.20	\$0.11	3
November	\$1.40	\$1.31	\$1.22	\$0.13	2
December	\$1.22	\$1.16	\$1.10	\$0.06	3

Northern California

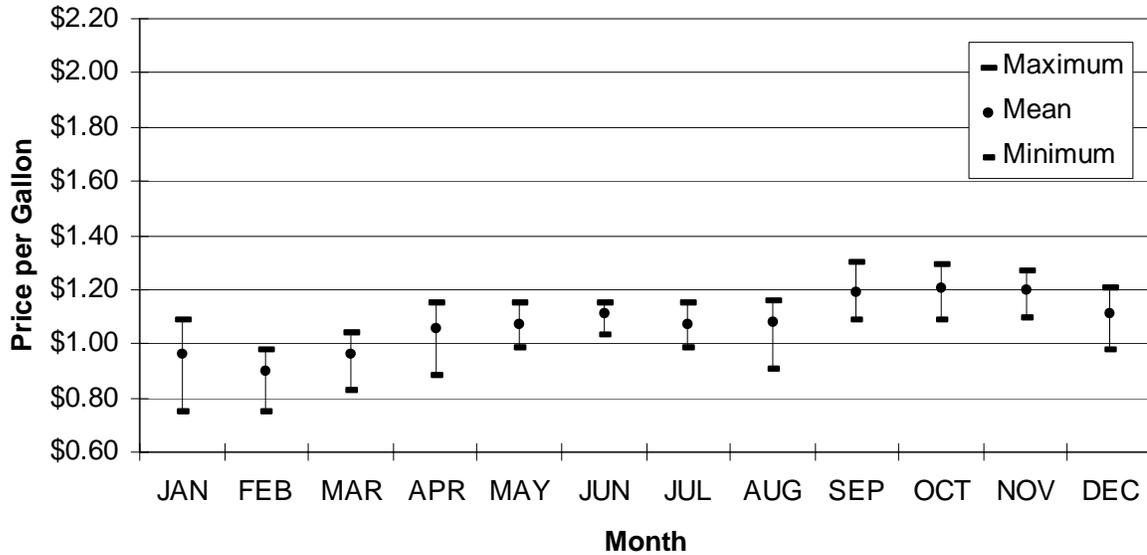
2002 Northern California Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.05	\$0.93	\$0.85	\$0.08	4
February	\$0.95	\$0.87	\$0.80	\$0.06	4
March	\$0.98	\$0.94	\$0.91	\$0.03	4
April	\$1.07	\$1.00	\$0.95	\$0.05	4
May	\$1.06	\$1.02	\$0.98	\$0.03	4
June	\$1.05	\$1.03	\$1.00	\$0.02	4
July	\$1.10	\$1.08	\$1.05	\$0.02	4
August	\$1.10	\$1.06	\$1.00	\$0.05	4
September	\$1.22	\$1.16	\$1.03	\$0.09	4
October	\$1.23	\$1.22	\$1.20	\$0.02	4
November	\$1.25	\$1.18	\$1.09	\$0.07	4
December	\$1.23	\$1.14	\$0.99	\$0.11	4

Southern California

2002 Southern California Monthly Maximum, Mean & minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.09	\$0.97	\$0.75	\$0.15	4
February	\$0.98	\$0.90	\$0.75	\$0.10	4
March	\$1.04	\$0.96	\$0.83	\$0.09	4
April	\$1.15	\$1.06	\$0.88	\$0.12	4
May	\$1.15	\$1.07	\$0.99	\$0.09	4
June	\$1.15	\$1.11	\$1.03	\$0.07	3
July	\$1.15	\$1.07	\$0.99	\$0.11	2
August	\$1.16	\$1.08	\$0.91	\$0.11	4
September	\$1.30	\$1.19	\$1.09	\$0.09	4
October	\$1.29	\$1.21	\$1.09	\$0.10	4
November	\$1.27	\$1.20	\$1.10	\$0.08	4
December	\$1.21	\$1.11	\$0.98	\$0.12	4