

West Coast and Alaska Marine Fuel Prices 2002-2004

Annual Report



Economic Fisheries Information Network
Pacific States Marine Fisheries Commission

205 S.E. Spokane Street, Suite 100
Portland, OR 97202

efin@psmfc.org ♦ <http://www.psmfc.org/efin>
(503) 595-3100 voice ♦ (503) 595-3232 fax

Marine Fuel Prices

Table of Contents

This document was created to assist users of marine fuel price data from the Economic Fisheries Information Network (EFIN) Website. It contains the following information:

- General Information
 - Data Retrieval Location
 - Contacts
- Sample
 - Port Selection Method
 - Selected Ports
 - Changes Since Inception
 - Fuel Suppliers
- Data Collection
 - Date of Collection
 - Price Data Collected
 - Data Availability
 - Variable Formats
- Data Charts for Alaska, Washington, Oregon & California
 - 2002-2004 State-Level Summary
 - 2004 State-Level Summary
 - 2003 State-Level Summary
 - 2002 State-Level Summary
 - 2002-2004 Regional-Level Summary for Alaska
 - 2004 Regional-Level Summary for Alaska
 - 2004 Southeast Alaska
 - 2004 Rest of Alaska
 - 2002-2004 Regional-Level Summary for Washington
 - 2004 Regional-Level Summary for Washington
 - 2004 Northern Washington
 - 2004 Puget Sound
 - 2004 Seattle
 - 2004 Washington Coast
 - 2002-2004 Regional-Level Summary for Oregon
 - 2004 Regional-Level Summary for Oregon
 - 2004 Northern Oregon
 - 2004 Southern Oregon
 - 2002-2004 Regional-Level Summary for California
 - 2004 Regional-Level Summary for California
 - 2004 Northern California
 - 2004 Southern California

General Information

Data Retrieval Location

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

Contacts

Please direct any questions, suggestions or other comments to:

Dave Colpo
Program Manager
dave_colpo@psmfc.org
(503) 595-3100 or toll free (888) 421-4251

Geana Tyler
Fisheries Economics Program Assistant
geana_tyler@psmfc.org
(503) 595-3100 or toll free (888) 421-4251

Sample

Port Selection Method

Alaska

Originally, ports were selected out of discussions with Alaska Department of Fish and Game (ADF&G) and North Pacific Fishery Management Council (NPFMC) staff. The selected ports were chosen to include ports with significant revenue generation, 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 National Marine Fisheries Service (NMFS) Southwest 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 a single port in the PacFIN port codes (as opposed to a group of ports; e.g., OSF - Other San Francisco Ports)

Changes Since Inception

Since the survey's inception, suppliers were added to increase coverage:

- Adak, Naknek, Dillingham, Yakutat and Wrangell (AK) were added in 2001.
- Astoria was grouped with N. Oregon due to less than two fuel suppliers reporting, 2001.
- Bay Area and Southern California were grouped together.

The following ports are no longer included in the final project:

- 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 collected.
- Tillamook/Garibaldi was excluded, as the fuel supplier does not carry #2 marine diesel.
- Monterey Bay was excluded, because contact with the fuel supplier could not be made.
- Coos Bay (OR) declined to further participate, 2000.
- Brookings and Port Orford (CA) were dropped due to a lack of contact in 2001.
- Princeton (CA) declined to participate, 2001.
- Blaine (WA) and St. Paul Island (AK) were dropped due to a lack of contact in 2002.
- Port Hueneme (CA), Morro Bay (CA) and one Astoria (OR) supplier were dropped due to a lack of contact in 2003 .
- Depot Bay (OR) went out of business in 2003.
- San Pedro (CA) declined to participate in 2004.

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

Selected Ports

Fuel suppliers who provided data in 2004 include the following:

Alaska

Southeast

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

Rest of Alaska

- Adak
- Akutan
- Cordova
- Naknek
- Seward
- Homer
- Kodiak
- Sand Point
- Dutch Harbor
- Dillingham



Washington
WA Coast
 Ilwaco/Chinook
 Neah Bay
 Port Angeles
 Westport
 Port Townsend
Northern WA
 Anacortes
 Bellingham Bay
 Puget Sound
 Everett
 Olympia
 Shelton
Seattle
 Seattle

Oregon
Northern OR
 Astoria
 Newport
Southern OR
 Florence
 Gold Beach
 Winchester Bay

California
Northern CA
 Crescent City
 Eureka
 Fort Bragg
 Bodega Bay
Southern CA
 San Francisco
 Moss Landing
 Santa Barbara



Fuel Suppliers

At least one fuel supplier in each selected port was surveyed. Its "Fuel Dock Identifier" uniquely identifies each fuel supplier. This identifier was formed by using the three-letter Pacific Fisheries Information Network and Alaska Fisheries Information Network's (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 the dock's phone number is still operational.
2. If a fuel supplier was listed in the "Port Guide" appearing in the 1998 National Fisherman's Journal Pilothouse Guide and Yellow Pages.
3. If a fuel supplier was not located through the "Port Guide" method for a given port, the US West Dex Internet Yellow Pages was used to locate a fuel supplier at that port.
4. In some cases, the Port Office is called in lieu of a fuel supplier. Some suppliers were added to increase coverage in certain areas as their contact information became available.

Data Collection

Date of Collection

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

- If the first Tuesday of a month is a holiday, prices are collected the following Thursday. For instance, July 4, 2000 was a Tuesday. Price data for July 2000 was collected on Thursday, July 6, 2000. The date the data is collected is stored with the data.
- If the fuel supplier being surveyed does not answer their phone on the first Tuesday of the month, 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 are other circumstances that prevent the person conducting the survey 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 is calculated when possible and a note is made in the "notes" column.

The price collected at 600 gallons, attempts to account for price-breaks that many fuel suppliers have for purchases above 200-500 gallons. We realize that many fishing vessels purchase thousands of gallons at a time and price breaks are offered for larger purchases, however, the largest and most common breaks occur below 600 gallons.

Data Availability

Fuel price data is available by state and in a combined West Coast/Alaska file. These data are entered and made available on the Economic Fisheries Information Network (EFIN) website in EXCEL and ASCII formats by the second Tuesday of each month.

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

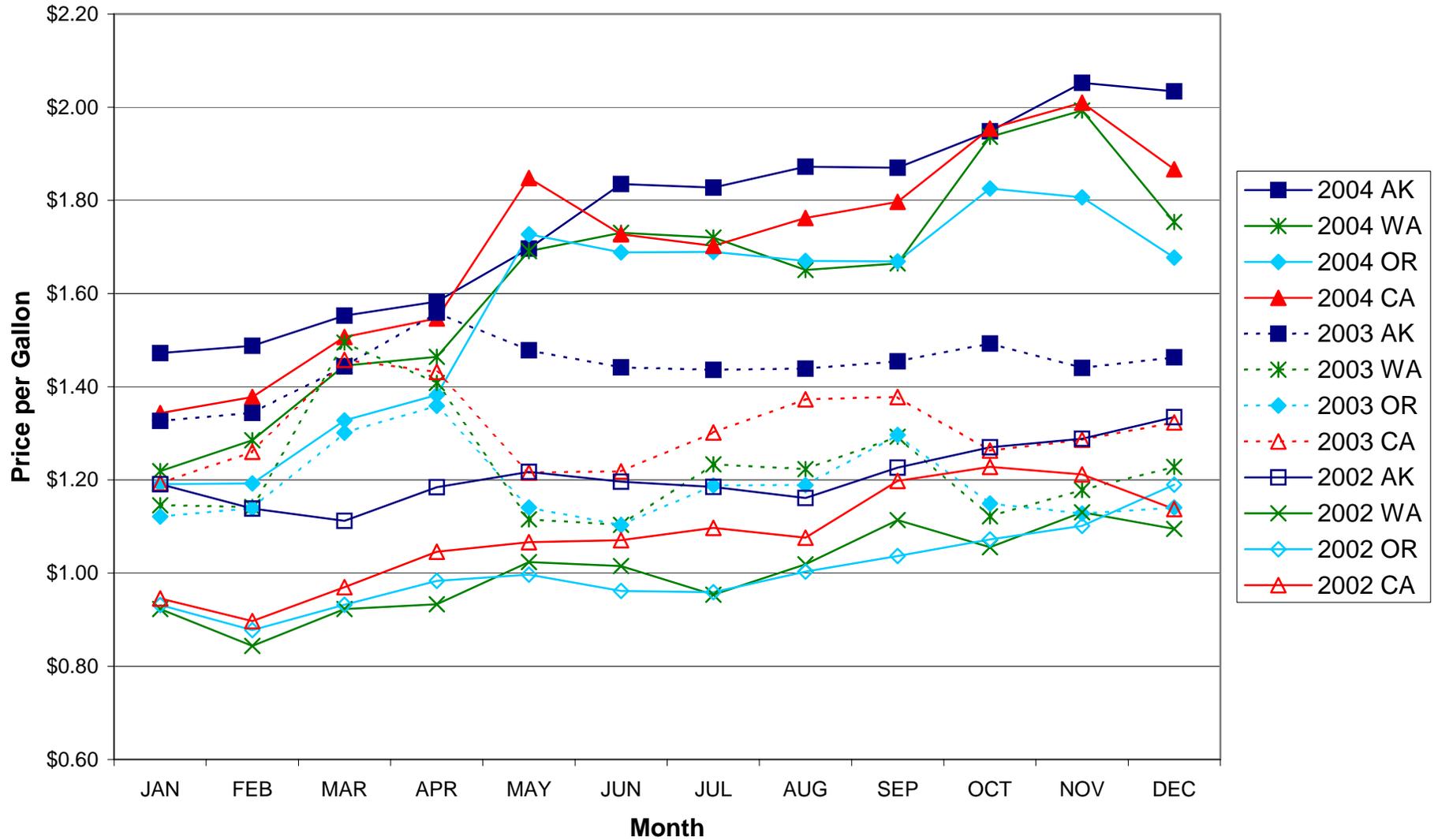
Variable Formats

Marine fuel price data are available in two formats: as an EXCEL 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
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
PxQuoted	Numeric	1.0	Quoted Price	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	

Data Charts for Alaska, Washington, Oregon and California

**State Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel,
2002-2004**

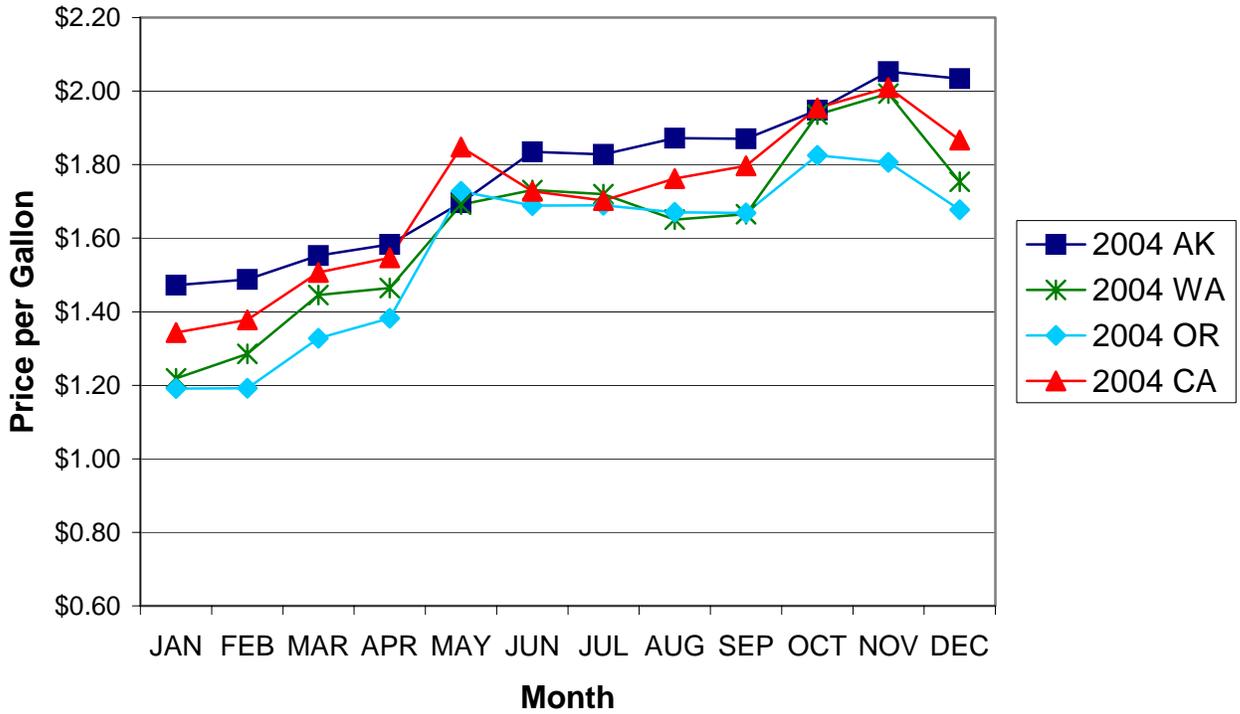


State-Level Summary 2002 – 2004

2004	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.47	\$1.49	\$1.55	\$1.58	\$1.70	\$1.84
Washington	\$1.22	\$1.29	\$1.45	\$1.46	\$1.69	\$1.73
Oregon	\$1.19	\$1.19	\$1.33	\$1.38	\$1.73	\$1.69
California	\$1.34	\$1.38	\$1.51	\$1.55	\$1.85	\$1.73
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.83	\$1.87	\$1.87	\$1.95	\$2.05	\$2.03
	\$1.72	\$1.65	\$1.66	\$1.94	\$1.99	\$1.75
	\$1.69	\$1.67	\$1.67	\$1.83	\$1.81	\$1.68
	\$1.70	\$1.76	\$1.80	\$1.95	\$2.01	\$1.87
2003	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.33	\$1.34	\$1.44	\$1.56	\$1.48	\$1.44
Washington	\$1.15	\$1.14	\$1.49	\$1.41	\$1.12	\$1.10
Oregon	\$1.12	\$1.14	\$1.30	\$1.36	\$1.14	\$1.10
California	\$1.19	\$1.26	\$1.46	\$1.43	\$1.22	\$1.22
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.44	\$1.44	\$1.45	\$1.49	\$1.44	\$1.46
	\$1.23	\$1.22	\$1.29	\$1.12	\$1.18	\$1.23
	\$1.19	\$1.19	\$1.30	\$1.15	\$1.13	\$1.14
	\$1.30	\$1.37	\$1.38	\$1.26	\$1.29	\$1.32
2002	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.19	\$1.14	\$1.11	\$1.18	\$1.22	\$1.20
Washington	\$0.92	\$0.84	\$0.92	\$0.93	\$1.02	\$1.02
Oregon	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96
California	\$0.95	\$0.90	\$0.97	\$1.05	\$1.07	\$1.07
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.18	\$1.16	\$1.23	\$1.27	\$1.29	\$1.33
	\$0.95	\$1.02	\$1.11	\$1.06	\$1.13	\$1.10
	\$0.96	\$1.00	\$1.04	\$1.07	\$1.10	\$1.19
	\$1.10	\$1.08	\$1.20	\$1.23	\$1.21	\$1.14

2004 West Coast Fuel Prices State-Level Summaries

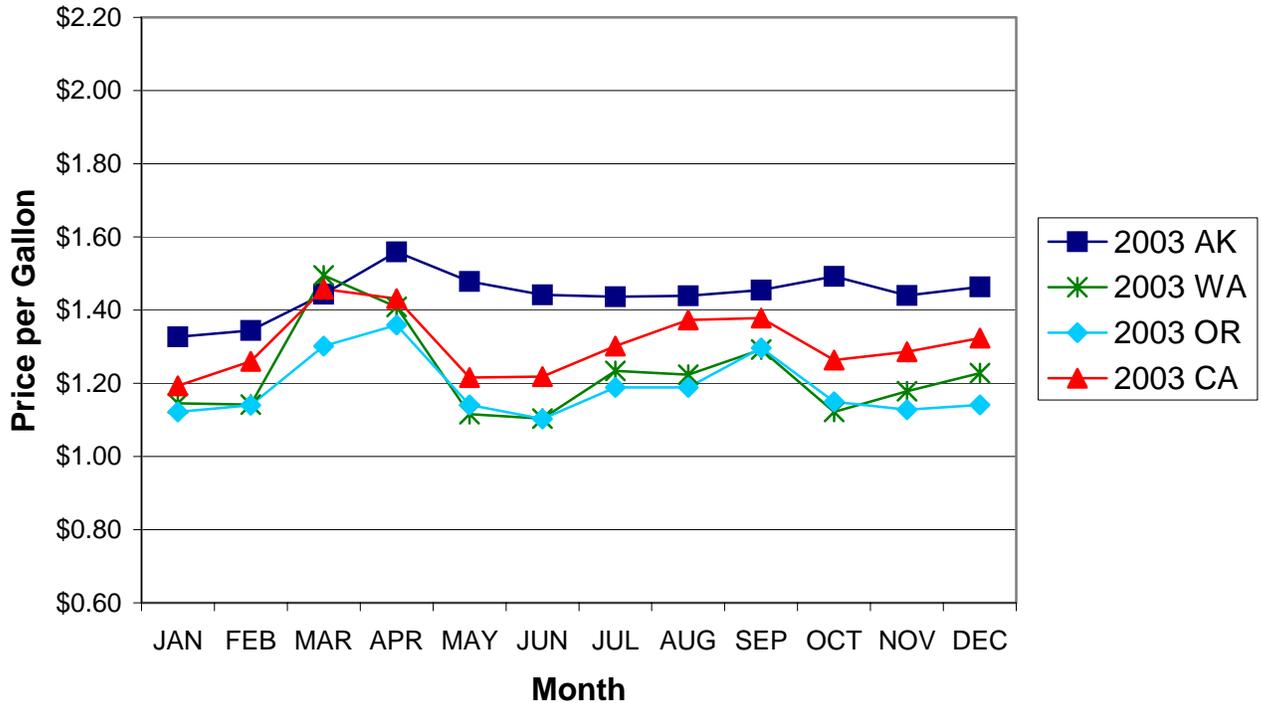
Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel



2004	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.47	\$1.49	\$1.55	\$1.58	\$1.70	\$1.84
Washington	\$1.22	\$1.29	\$1.45	\$1.46	\$1.69	\$1.73
Oregon	\$1.19	\$1.19	\$1.33	\$1.38	\$1.73	\$1.69
California	\$1.34	\$1.38	\$1.51	\$1.55	\$1.85	\$1.73
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.83	\$1.87	\$1.87	\$1.95	\$2.05	\$2.03
	\$1.72	\$1.65	\$1.66	\$1.94	\$1.99	\$1.75
	\$1.69	\$1.67	\$1.67	\$1.83	\$1.81	\$1.68
	\$1.70	\$1.76	\$1.80	\$1.95	\$2.01	\$1.87

2003 West Coast Fuel Prices State-Level Summaries

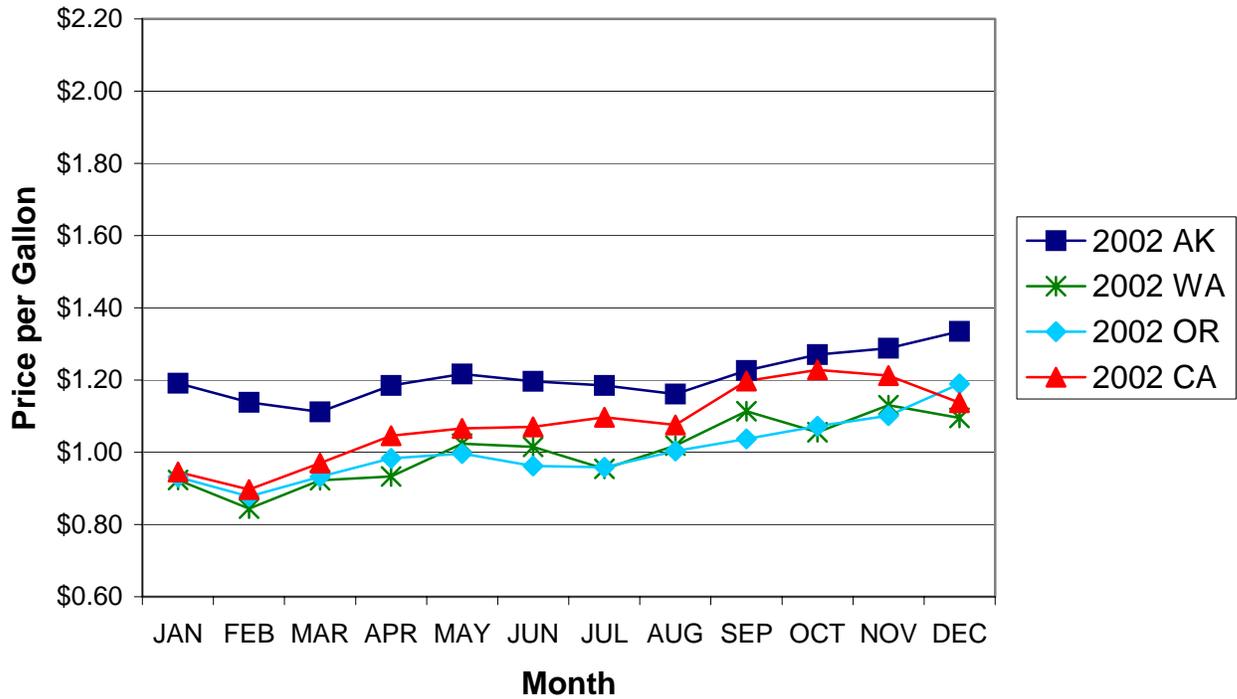
Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel



2003	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.33	\$1.34	\$1.44	\$1.56	\$1.48	\$1.44
Washington	\$1.15	\$1.14	\$1.49	\$1.41	\$1.12	\$1.10
Oregon	\$1.12	\$1.14	\$1.30	\$1.36	\$1.14	\$1.10
California	\$1.19	\$1.26	\$1.46	\$1.43	\$1.22	\$1.22
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.44	\$1.44	\$1.45	\$1.49	\$1.44	\$1.46
	\$1.23	\$1.22	\$1.29	\$1.12	\$1.18	\$1.23
	\$1.19	\$1.19	\$1.30	\$1.15	\$1.13	\$1.14
	\$1.30	\$1.37	\$1.38	\$1.26	\$1.29	\$1.32

2002 West Coast Fuel Prices State-Level Summaries

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

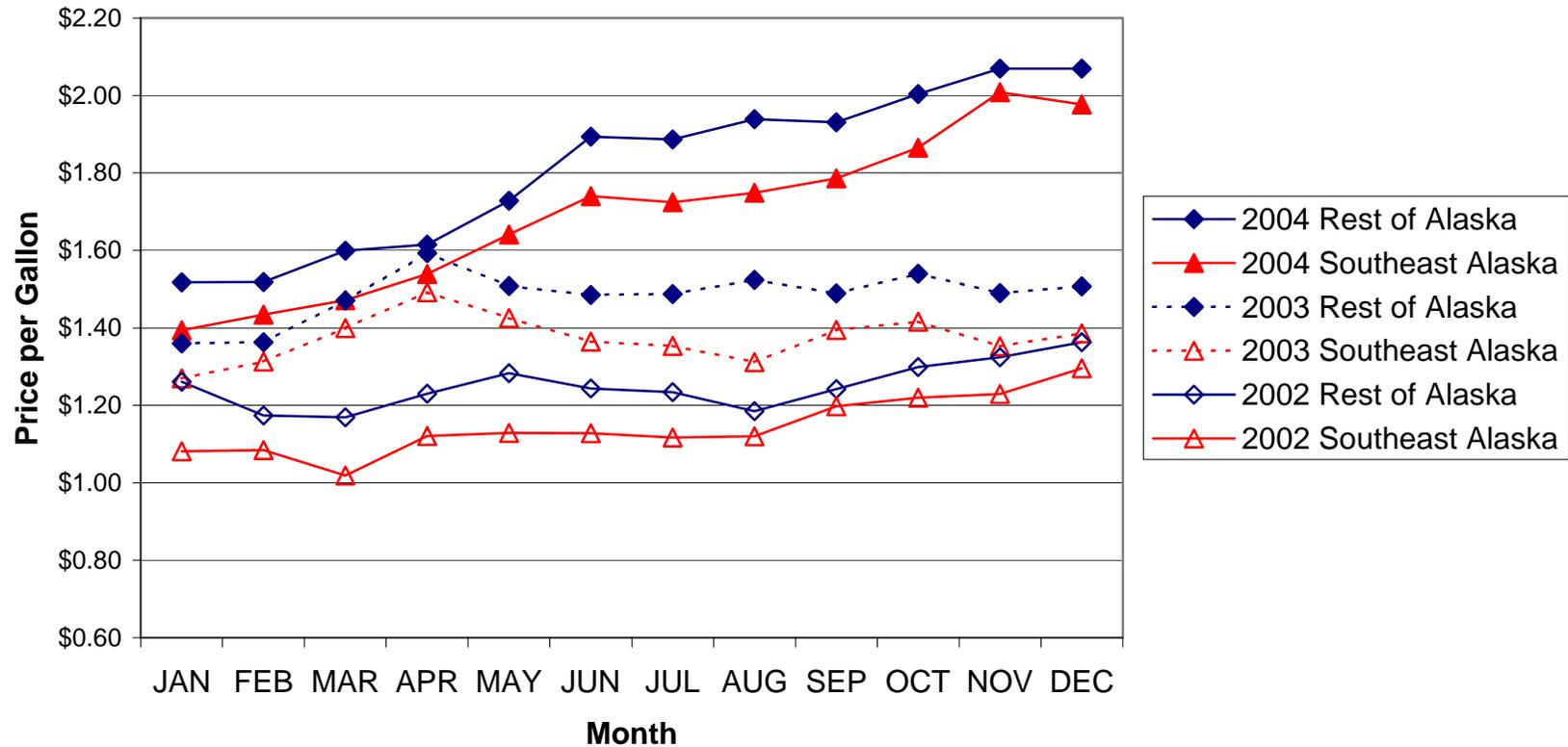


2002	JAN	FEB	MAR	APR	MAY	JUN
Alaska	\$1.19	\$1.14	\$1.11	\$1.18	\$1.22	\$1.20
Washington	\$0.92	\$0.84	\$0.92	\$0.93	\$1.02	\$1.02
Oregon	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96
California	\$0.95	\$0.90	\$0.97	\$1.05	\$1.07	\$1.07
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.18	\$1.16	\$1.23	\$1.27	\$1.29	\$1.33
	\$0.95	\$1.02	\$1.11	\$1.06	\$1.13	\$1.10
	\$0.96	\$1.00	\$1.04	\$1.07	\$1.10	\$1.19
	\$1.10	\$1.08	\$1.20	\$1.23	\$1.21	\$1.14

2002-2004 Regional-Level Summary for Alaska

2002-2004 Regional-Level Summary for Alaska

2002, 2003 & 2004 Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel by Region



Regional-Level Summary for Alaska

The ports in Alaska are grouped into two regions:

The Rest of Alaska

- Adak
- Akutan
- Cordova
- Dillingham
- Dutch Harbor
- Homer
- Kodiak
- Naknek
- Sand Point
- Seward

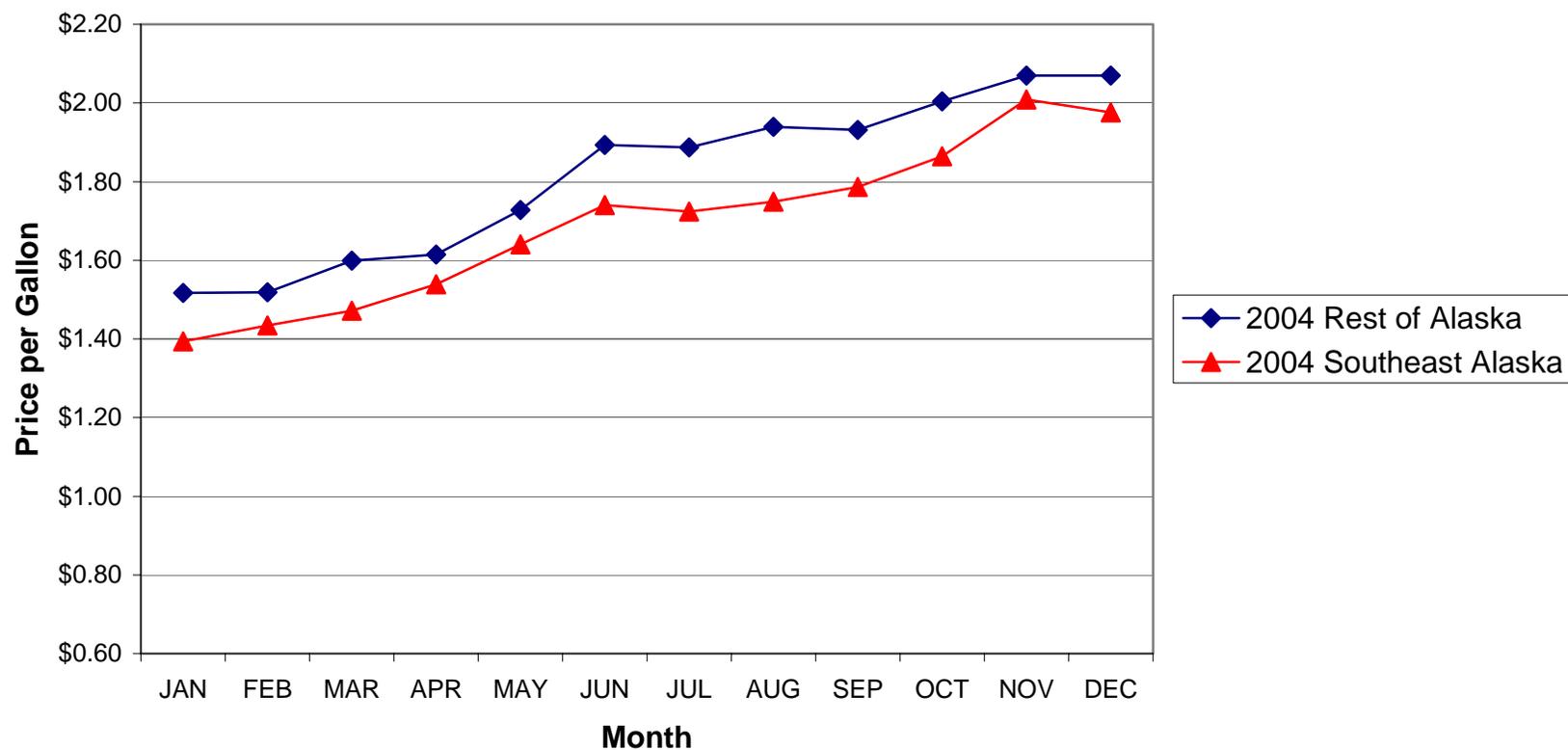
Southeast Alaska

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

2004	JAN	FEB	MAR	APR	MAY	JUN
Rest of Alaska	\$1.52	\$1.52	\$1.60	\$1.61	\$1.73	\$1.89
Southeast Alaska	\$1.39	\$1.43	\$1.47	\$1.54	\$1.64	\$1.74
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.89	\$1.94	\$1.93	\$2.00	\$2.07	\$2.07
	\$1.72	\$1.75	\$1.79	\$1.86	\$2.01	\$1.98
2003	JAN	FEB	MAR	APR	MAY	JUN
Rest of Alaska	\$1.36	\$1.36	\$1.47	\$1.59	\$1.51	\$1.49
Southeast Alaska	\$1.27	\$1.31	\$1.40	\$1.49	\$1.43	\$1.36
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.49	\$1.52	\$1.49	\$1.54	\$1.49	\$1.51
	\$1.35	\$1.31	\$1.39	\$1.42	\$1.35	\$1.39
2002	JAN	FEB	MAR	APR	MAY	JUN
Rest of Alaska	\$1.26	\$1.17	\$1.17	\$1.23	\$1.28	\$1.24
Southeast Alaska	\$1.08	\$1.08	\$1.02	\$1.12	\$1.13	\$1.13
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.23	\$1.19	\$1.24	\$1.30	\$1.32	\$1.36
	\$1.12	\$1.12	\$1.20	\$1.22	\$1.23	\$1.30

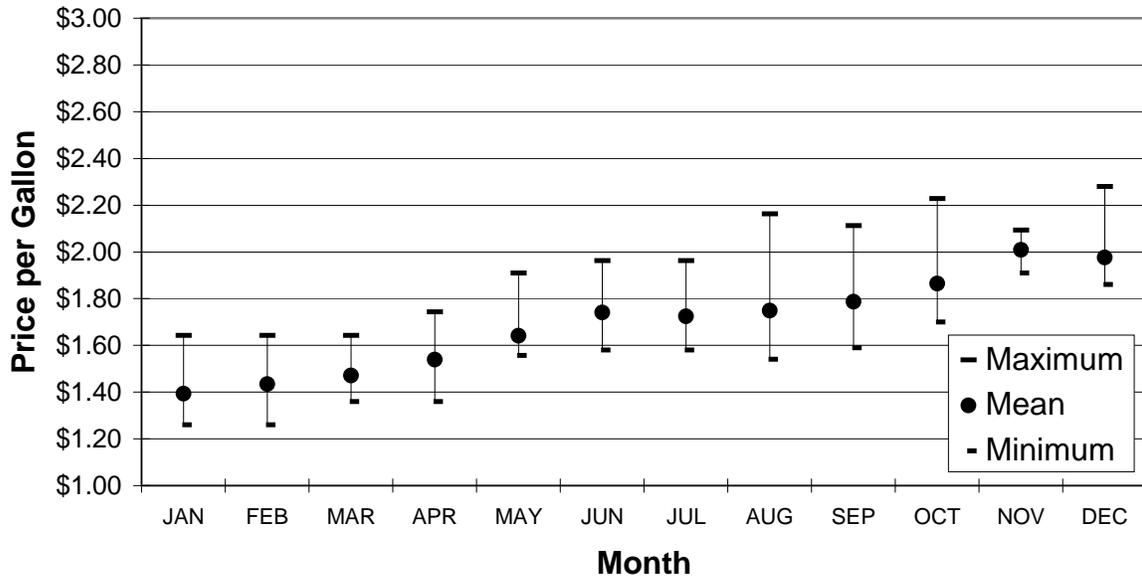
2004 Regional-Level Summary for Alaska

Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel, 2004



2004 Southeast Alaska

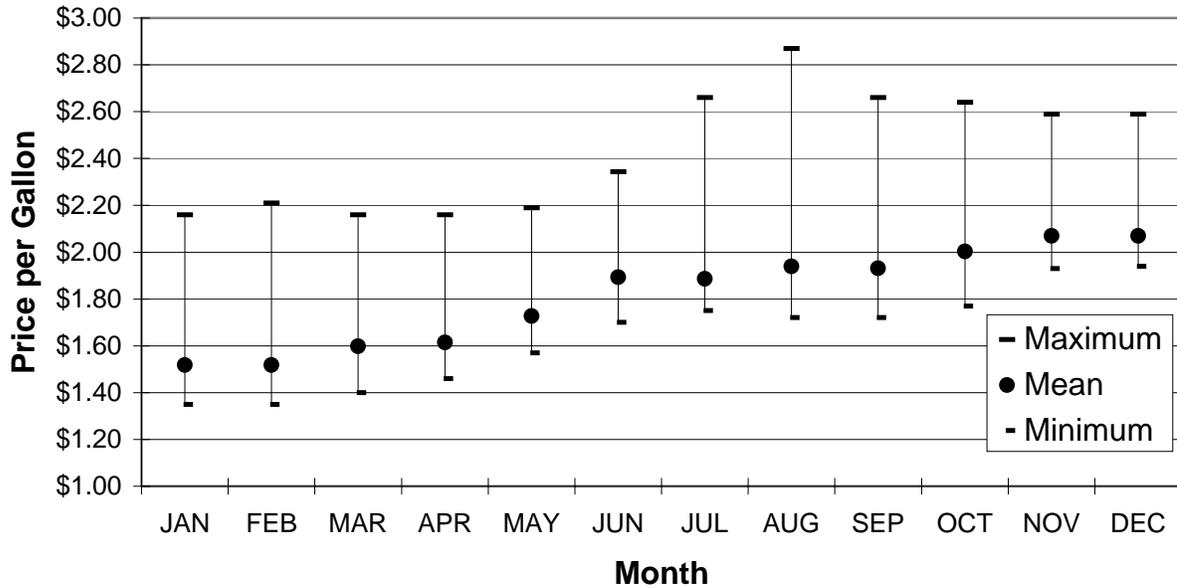
2004 Southeast Alaska Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel



Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.26	\$1.39	\$1.64	\$0.12	8
February	\$1.26	\$1.43	\$1.64	\$0.14	8
March	\$1.36	\$1.47	\$1.64	\$0.08	8
April	\$1.36	\$1.54	\$1.74	\$0.13	8
May	\$1.56	\$1.64	\$1.91	\$0.12	8
June	\$1.58	\$1.74	\$1.96	\$0.12	8
July	\$1.58	\$1.72	\$1.96	\$0.12	8
August	\$1.54	\$1.75	\$2.16	\$0.20	7
September	\$1.59	\$1.79	\$2.11	\$0.16	8
October	\$1.70	\$1.86	\$2.23	\$0.17	8
November	\$1.91	\$2.01	\$2.09	\$0.07	6
December	\$1.86	\$1.98	\$2.28	\$0.15	8

2004 Rest of Alaska

2004 Rest of Alaska Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

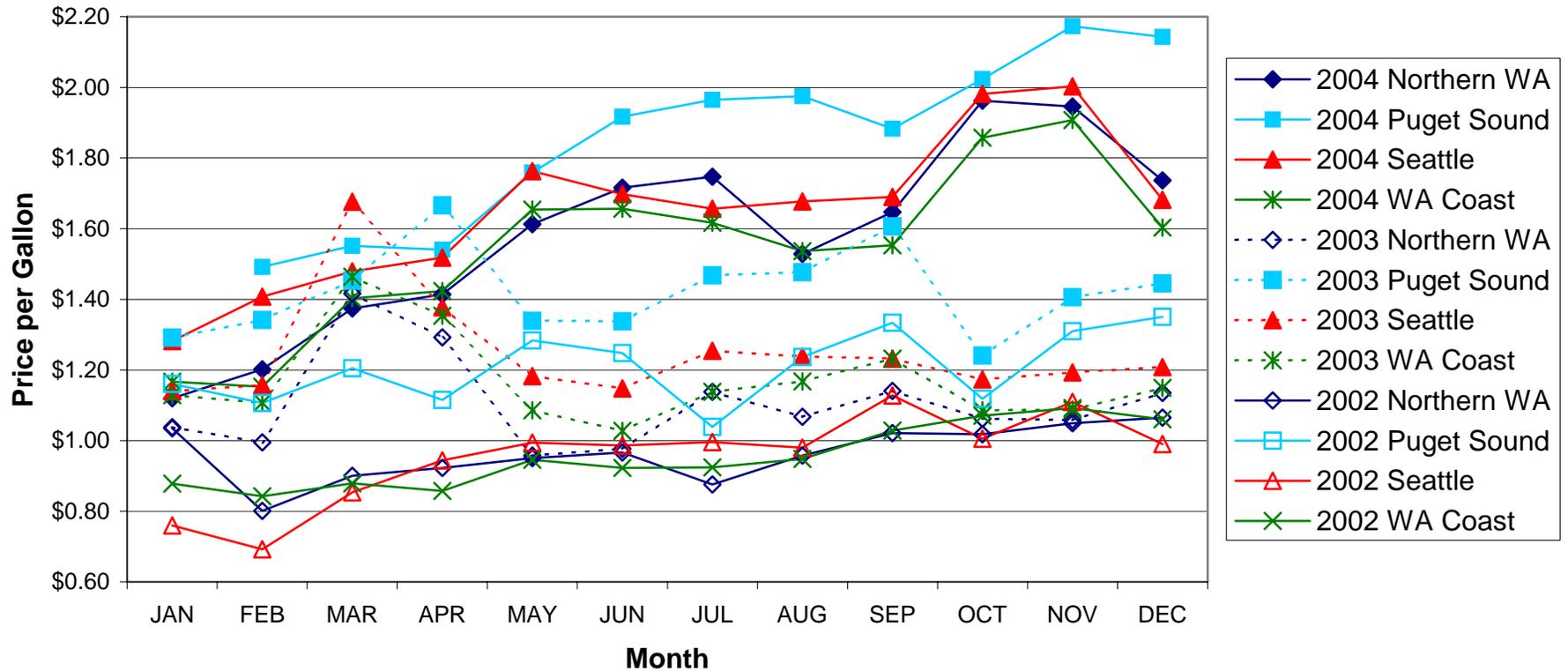


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.35	\$1.52	\$2.16	\$0.20	14
February	\$1.35	\$1.52	\$2.21	\$0.21	14
March	\$1.40	\$1.60	\$2.16	\$0.20	14
April	\$1.46	\$1.61	\$2.16	\$0.20	11
May	\$1.57	\$1.73	\$2.19	\$0.17	14
June	\$1.70	\$1.89	\$2.34	\$0.20	13
July	\$1.75	\$1.89	\$2.66	\$0.26	14
August	\$1.72	\$1.94	\$2.87	\$0.31	13
September	\$1.72	\$1.93	\$2.66	\$0.28	11
October	\$1.77	\$2.00	\$2.64	\$0.23	12
November	\$1.93	\$2.07	\$2.59	\$0.18	13
December	\$1.94	\$2.07	\$2.59	\$0.18	13

2002-2004 Regional-Level Summary for Washington

2002-2004 Regional-Level Summary for Washington

2002, 2003 & 2004 Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel By Region



Regional-Level Summary for Washington

The ports in Washington are grouped into four regions:

Washington Coast

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

Northern Washington

- Anacortes
- Bellingham Bay

Puget Sound

- Everett
- Olympia
- Shelton

Seattle

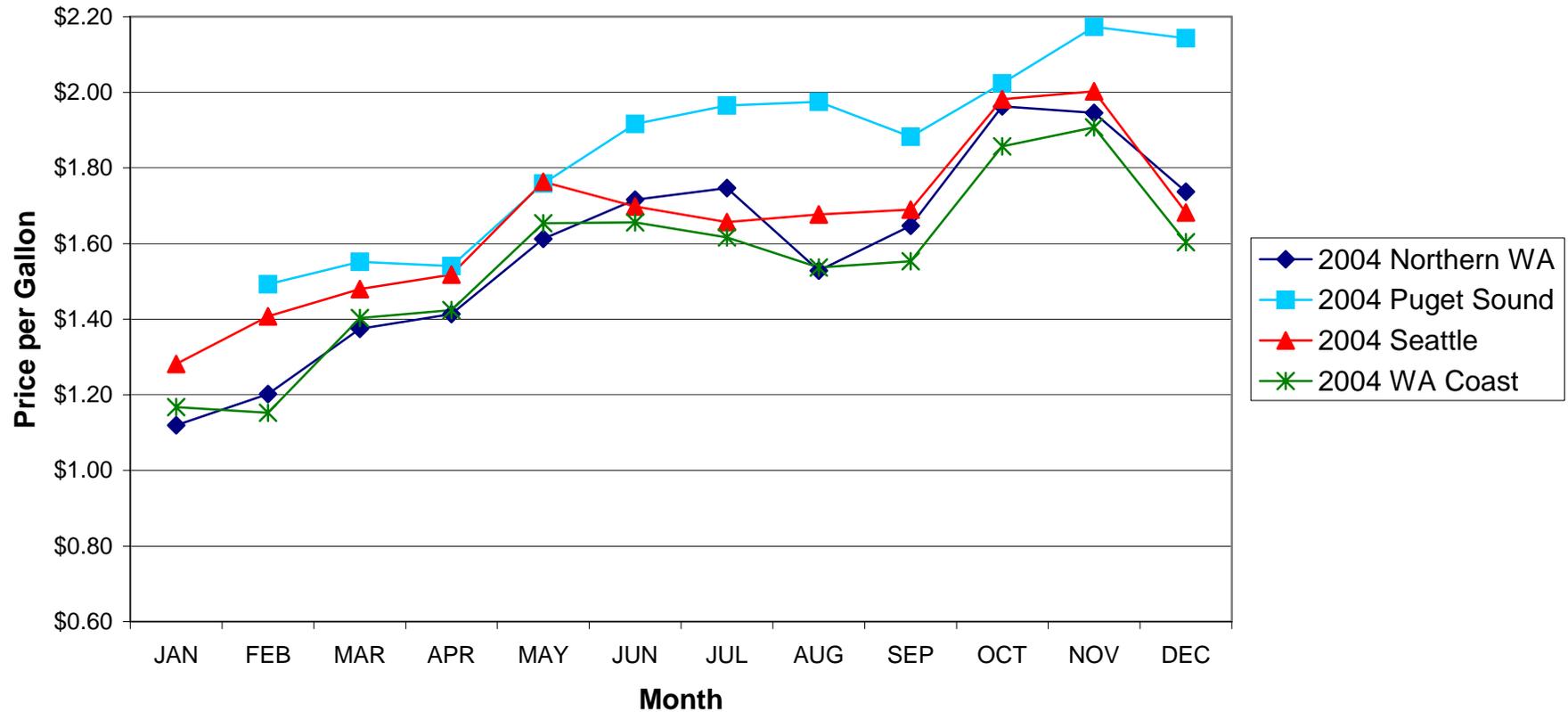
- Seattle

2004	JAN	FEB	MAR	APR	MAY	JUN
Northern Washington	\$1.12	\$1.20	\$1.37	\$1.41	\$1.61	\$1.72
Puget Sound	**	\$1.49	\$1.55	\$1.54	\$1.76	\$1.92
Seattle	\$1.28	\$1.41	\$1.48	\$1.52	\$1.76	\$1.70
Washington Coast	\$1.17	\$1.15	\$1.40	\$1.42	\$1.65	\$1.66
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.75	\$1.53	\$1.65	\$1.96	\$1.95	\$1.74
	\$1.97	\$1.98	\$1.88	\$2.02	\$2.17	\$2.14
	\$1.66	\$1.68	\$1.69	\$1.98	\$2.00	\$1.68
	\$1.62	\$1.54	\$1.55	\$1.86	\$1.91	\$1.60
2003	JAN	FEB	MAR	APR	MAY	JUN
Northern Washington	\$1.04	\$0.99	\$1.42	\$1.29	\$0.96	\$0.98
Puget Sound	\$1.29	\$1.34	\$1.45	\$1.67	\$1.34	\$1.34
Seattle	\$1.14	\$1.16	\$1.68	\$1.38	\$1.18	\$1.15
Washington Coast	\$1.13	\$1.11	\$1.46	\$1.35	\$1.09	\$1.03
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.14	\$1.07	\$1.14	\$1.06	\$1.06	\$1.14
	\$1.47	\$1.48	\$1.61	\$1.24	\$1.41	\$1.45
	\$1.25	\$1.24	\$1.23	\$1.17	\$1.19	\$1.21
	\$1.14	\$1.17	\$1.23	\$1.09	\$1.09	\$1.15
2002	JAN	FEB	MAR	APR	MAY	JUN
Northern Washington	\$1.04	\$0.80	\$0.90	\$0.92	\$0.95	\$0.97
Puget Sound	\$1.16	\$1.11	\$1.21	\$1.12	\$1.28	\$1.25
Seattle	\$0.76	\$0.69	\$0.85	\$0.94	\$0.99	\$0.99
Washington Coast	\$0.88	\$0.84	\$0.88	\$0.86	\$0.95	\$0.92
	JUL	AUG	SEP	OCT	NOV	DEC
	\$0.88	\$0.96	\$1.02	\$1.02	\$1.05	\$1.06
	\$1.04	\$1.24	\$1.33	\$1.12	\$1.31	\$1.35
	\$1.00	\$0.98	\$1.13	\$1.01	\$1.11	\$0.99
	\$0.92	\$0.95	\$1.03	\$1.07	\$1.09	\$1.06

**Data not reported for confidentiality, less than two fuel suppliers reporting.

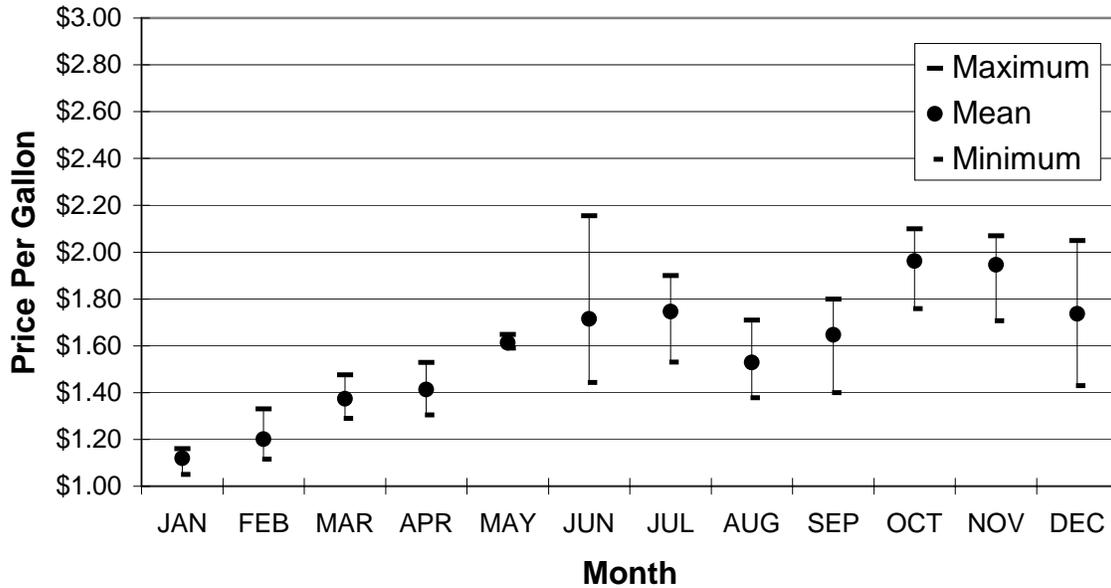
2004 Regional-Level Summary for Washington

Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel, 2004



2004 Northern Washington

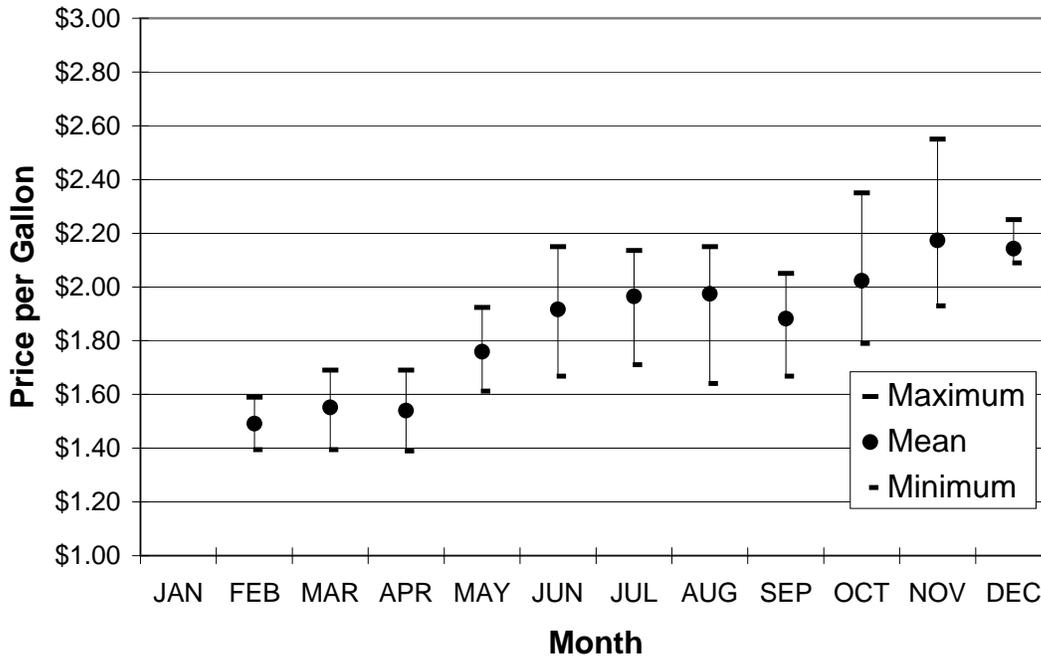
2004 Northern Washington Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel



Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.05	\$1.12	\$1.16	\$0.06	3
February	\$1.12	\$1.20	\$1.33	\$0.11	3
March	\$1.29	\$1.37	\$1.48	\$0.09	3
April	\$1.30	\$1.41	\$1.53	\$0.11	3
May	\$1.59	\$1.61	\$1.65	\$0.03	3
June	\$1.44	\$1.72	\$2.16	\$0.38	3
July	\$1.53	\$1.75	\$1.90	\$0.19	3
August	\$1.38	\$1.53	\$1.71	\$0.17	3
September	\$1.40	\$1.65	\$1.80	\$0.22	3
October	\$1.76	\$1.96	\$2.10	\$0.18	3
November	\$1.71	\$1.95	\$2.07	\$0.21	3
December	\$1.43	\$1.74	\$2.05	\$0.31	3

2004 Puget Sound

2004 Puget Sound Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

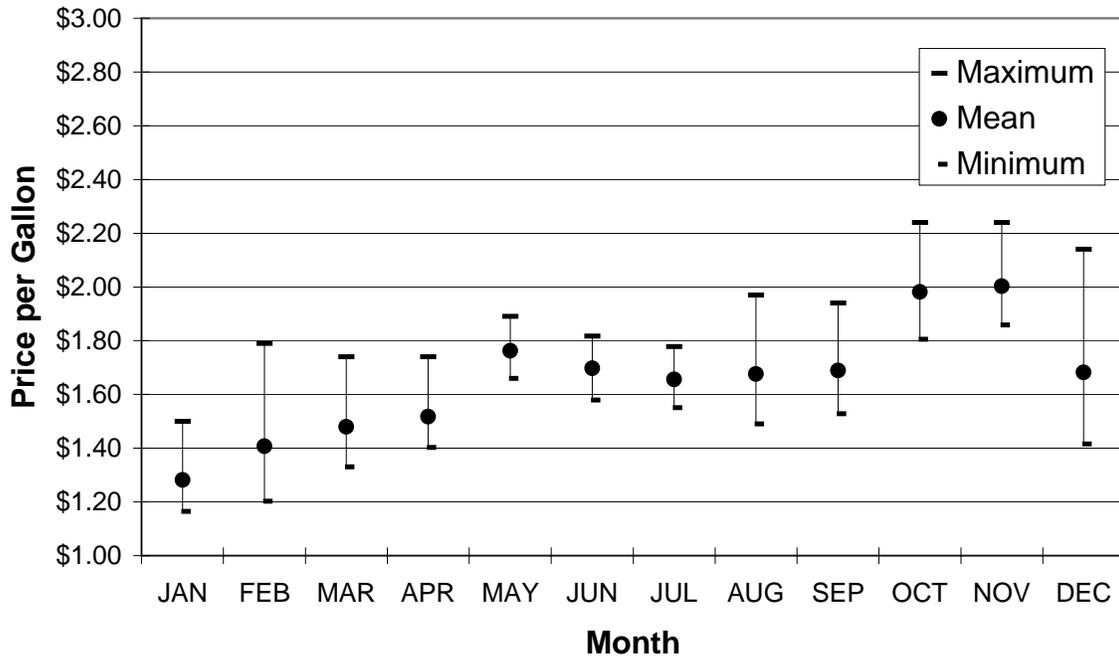


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	**	**	**	**	1
February	**	\$1.49	**	**	2
March	\$1.39	\$1.55	\$1.69	\$0.15	3
April	**	\$1.54	**	**	2
May	\$1.61	\$1.76	\$1.92	\$0.16	3
June	\$1.67	\$1.92	\$2.15	\$0.24	3
July	\$1.71	\$1.97	\$2.14	\$0.22	3
August	\$1.64	\$1.98	\$2.15	\$0.29	3
September	\$1.67	\$1.88	\$2.05	\$0.20	3
October	\$1.79	\$2.02	\$2.35	\$0.29	3
November	\$1.93	\$2.17	\$2.55	\$0.33	3
December	\$2.09	\$2.14	\$2.25	\$0.09	3

**Data not reported for confidentiality, less than three fuel suppliers reporting.

2004 Seattle

2004 Seattle Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

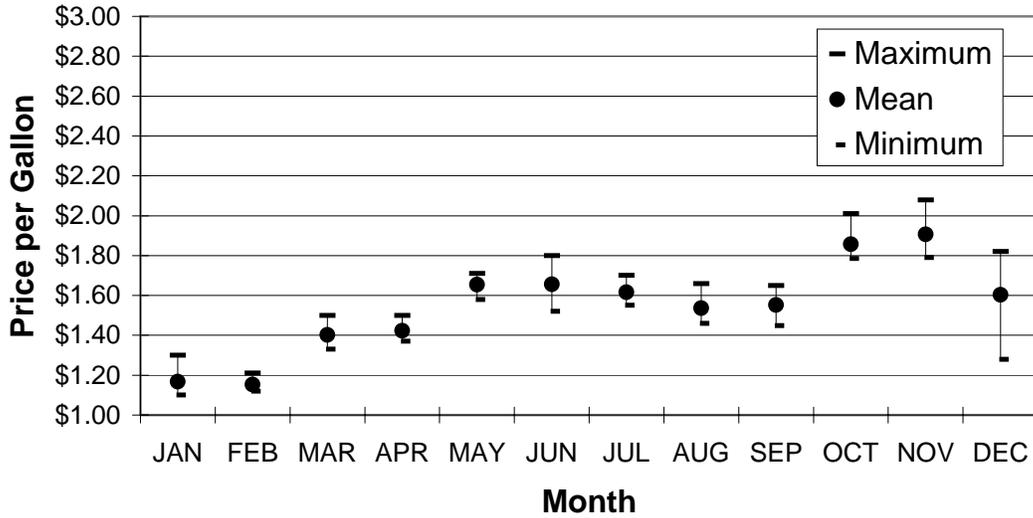


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.17	\$1.28	\$1.50	\$0.19	3
February	\$1.20	\$1.41	\$1.79	\$0.33	3
March	\$1.33	\$1.48	\$1.74	\$0.23	3
April	\$1.40	\$1.52	\$1.74	\$0.19	3
May	\$1.66	\$1.76	\$1.89	\$0.12	3
June	**	\$1.70	**	**	2
July	\$1.55	\$1.66	\$1.78	\$0.11	3
August	\$1.49	\$1.68	\$1.97	\$0.26	3
September	\$1.53	\$1.69	\$1.94	\$0.22	3
October	\$1.81	\$1.98	\$2.24	\$0.23	3
November	\$1.86	\$2.00	\$2.24	\$0.21	3
December	\$1.42	\$1.68	\$2.14	\$0.40	3

**Data not reported for confidentiality, less than three fuel suppliers reporting.

2004 Washington Coast

2004 Washington Coast Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

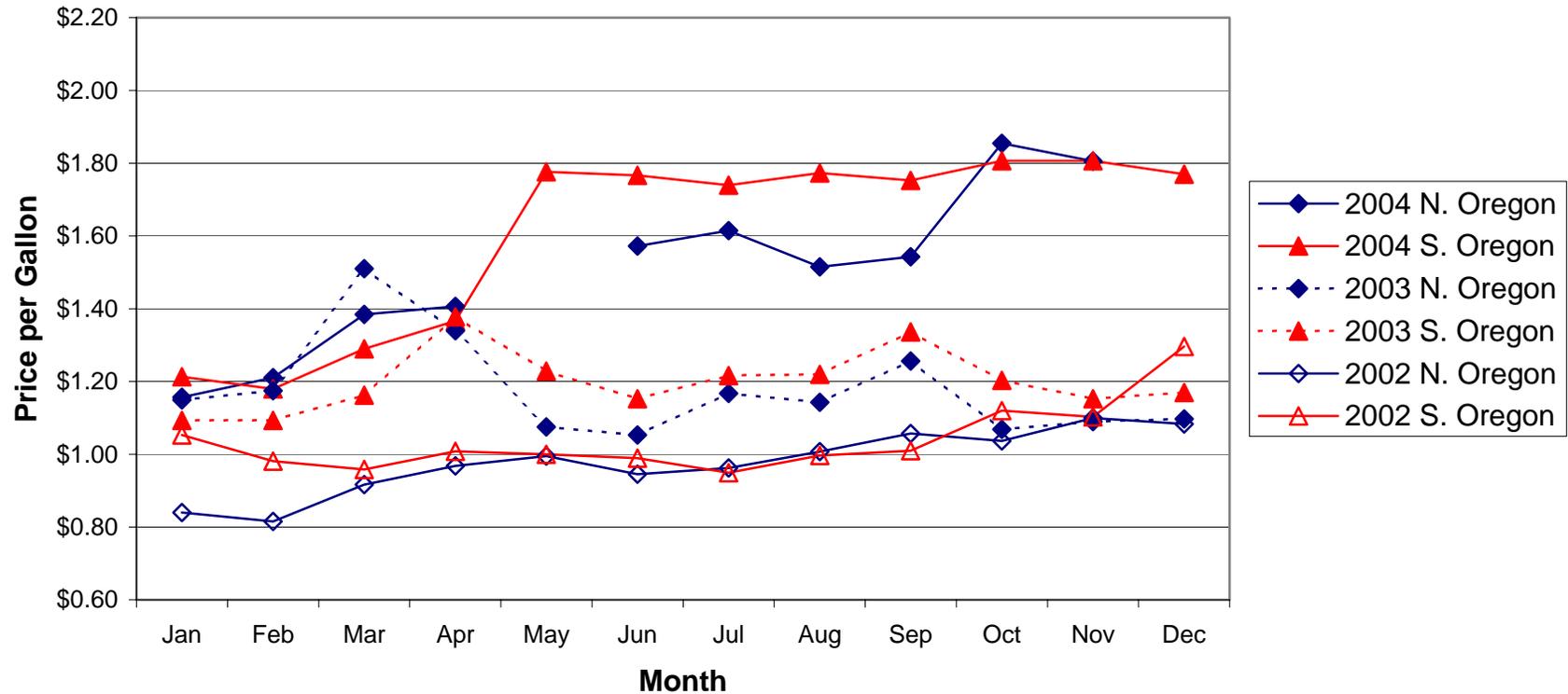


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.10	\$1.17	\$1.30	\$0.08	5
February	\$1.12	\$1.15	\$1.21	\$0.04	5
March	\$1.33	\$1.40	\$1.50	\$0.06	5
April	\$1.37	\$1.42	\$1.50	\$0.06	4
May	\$1.58	\$1.65	\$1.71	\$0.06	5
June	\$1.52	\$1.66	\$1.80	\$0.13	6
July	\$1.55	\$1.62	\$1.70	\$0.06	6
August	\$1.46	\$1.54	\$1.66	\$0.08	6
September	\$1.45	\$1.55	\$1.65	\$0.08	6
October	\$1.79	\$1.86	\$2.01	\$0.08	6
November	\$1.79	\$1.91	\$2.08	\$0.11	5
December	\$1.28	\$1.60	\$1.82	\$0.23	6

2002-2004 Regional-Level Summary for Oregon

2002-2004 Regional-Level Summary for Oregon

2002, 2003 & 2004 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 are grouped into two regions:

Northern Oregon

- Astoria
- Newport

Southern Oregon

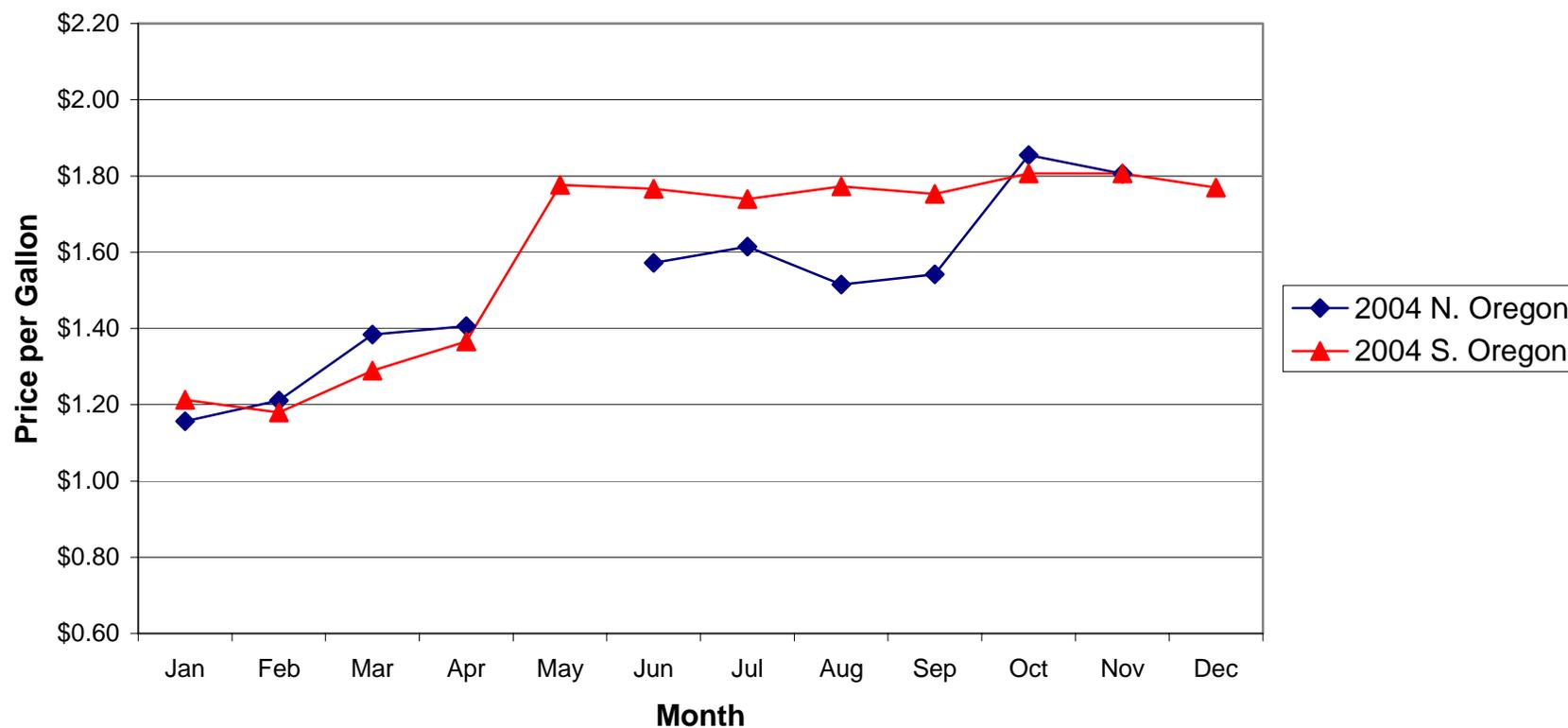
- Florence
- Gold Beach
- Winchester Bay

2004	JAN	FEB	MAR	APR	MAY	JUN
Northern Oregon	\$1.16	\$1.21	\$1.38	\$1.41	\$1.58	\$1.57
Southern Oregon	\$1.21	\$1.18	\$1.29	\$1.37	**	\$1.77
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.61	\$1.52	\$1.54	\$1.85	\$1.81	**
	\$1.74	\$1.77	\$1.75	\$1.81	\$1.81	\$1.77
2003	JAN	FEB	MAR	APR	MAY	JUN
Northern Oregon	\$1.15	\$1.17	\$1.51	\$1.34	\$1.07	\$1.05
Southern Oregon	\$1.09	\$1.09	\$1.16	\$1.38	\$1.23	\$1.15
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.17	\$1.14	\$1.26	\$1.07	\$1.09	\$1.10
	\$1.22	\$1.22	\$1.34	\$1.20	\$1.15	\$1.17
2002	JAN	FEB	MAR	APR	MAY	JUN
Northern Oregon	\$0.84	\$0.82	\$0.92	\$0.97	\$1.00	\$0.95
Southern Oregon	\$1.05	\$0.98	\$0.96	\$1.01	\$1.00	\$0.99
	JUL	AUG	SEP	OCT	NOV	DEC
	\$0.96	\$1.01	\$1.06	\$1.04	\$1.10	\$1.08
	\$0.95	\$1.00	\$1.01	\$1.12	\$1.10	\$1.30

**Data not reported for confidentiality, less than two fuel suppliers reporting.

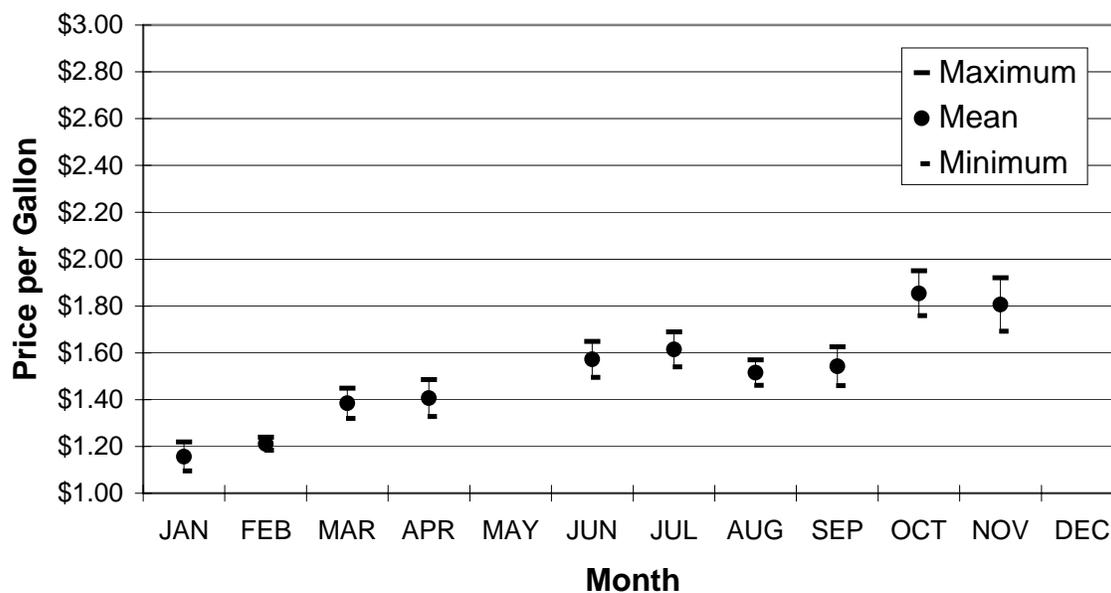
2004 Regional-Level Summary for Oregon

Oregon Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel by Region, 2004



2004 Northern Oregon

2004 Northern Oregon Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

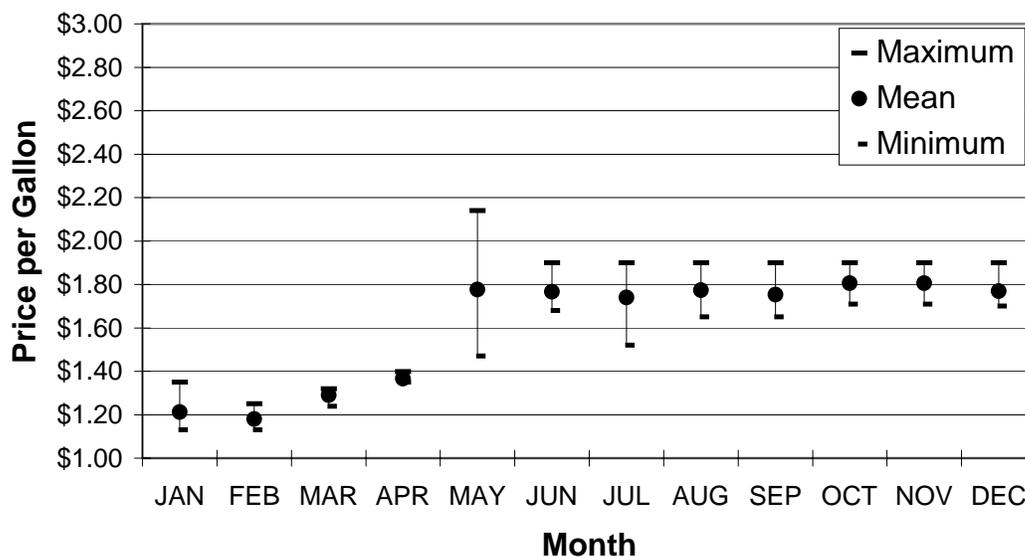


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	**	\$1.16	**	**	2
February	**	\$1.21	**	**	2
March	**	\$1.38	**	**	2
April	**	\$1.41	**	**	2
May	**	**	**	**	1
June	**	\$1.57	**	**	2
July	**	\$1.61	**	**	2
August	**	\$1.52	**	**	2
September	**	\$1.54	**	**	2
October	**	\$1.85	**	**	2
November	**	\$1.81	**	**	2
December	**	**	**	**	**

**Data not reported for confidentiality, less than three fuel suppliers reporting.

2004 Southern Oregon

**2004 Southern Oregon Monthly Maximum, Mean &
Minimum Before-Tax Cash Price Based on the Purchase of
600 Gallons of #2 Marine Diesel**

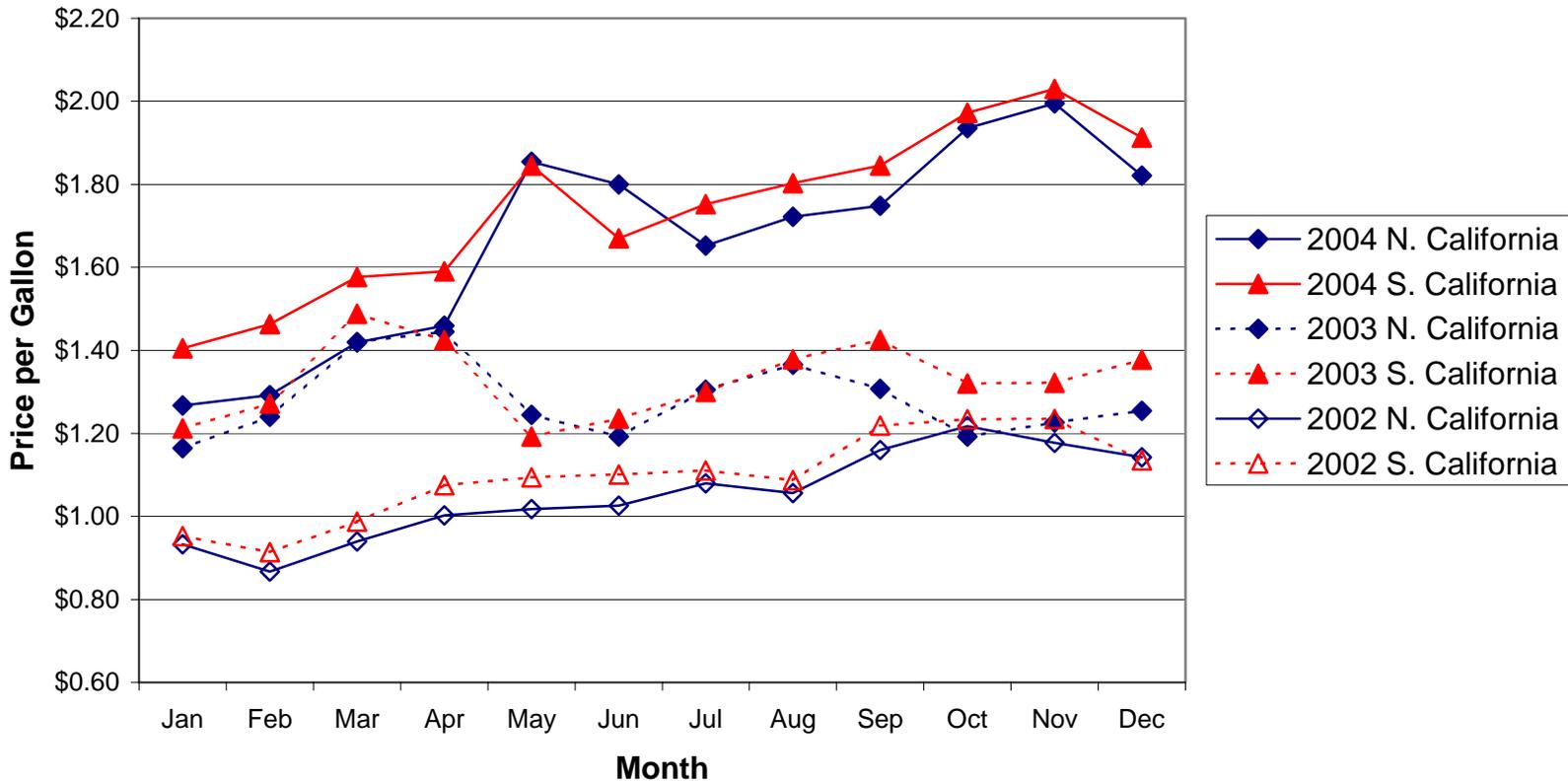


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.13	\$1.21	\$1.35	\$0.12	3
February	\$1.13	\$1.18	\$1.25	\$0.06	3
March	\$1.24	\$1.29	\$1.32	\$0.04	3
April	\$1.35	\$1.37	\$1.40	\$0.03	3
May	\$1.47	\$1.78	\$2.14	\$0.34	3
June	\$1.68	\$1.77	\$1.90	\$0.12	3
July	\$1.52	\$1.74	\$1.90	\$0.20	3
August	\$1.65	\$1.77	\$1.90	\$0.13	3
September	\$1.65	\$1.75	\$1.90	\$0.13	3
October	\$1.71	\$1.81	\$1.90	\$0.10	3
November	\$1.71	\$1.81	\$1.90	\$0.10	3
December	\$1.70	\$1.77	\$1.90	\$0.11	3

2002-2004 Regional-Level Summary for California

2002-2004 Regional-Level Summary for California

2002, 2003 & 2004 Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel by Region



Regional-Level Summary for California

The ports in California are grouped into two regions:

Northern California

- Bodega Bay
- Crescent City
- Eureka
- Fort Bragg

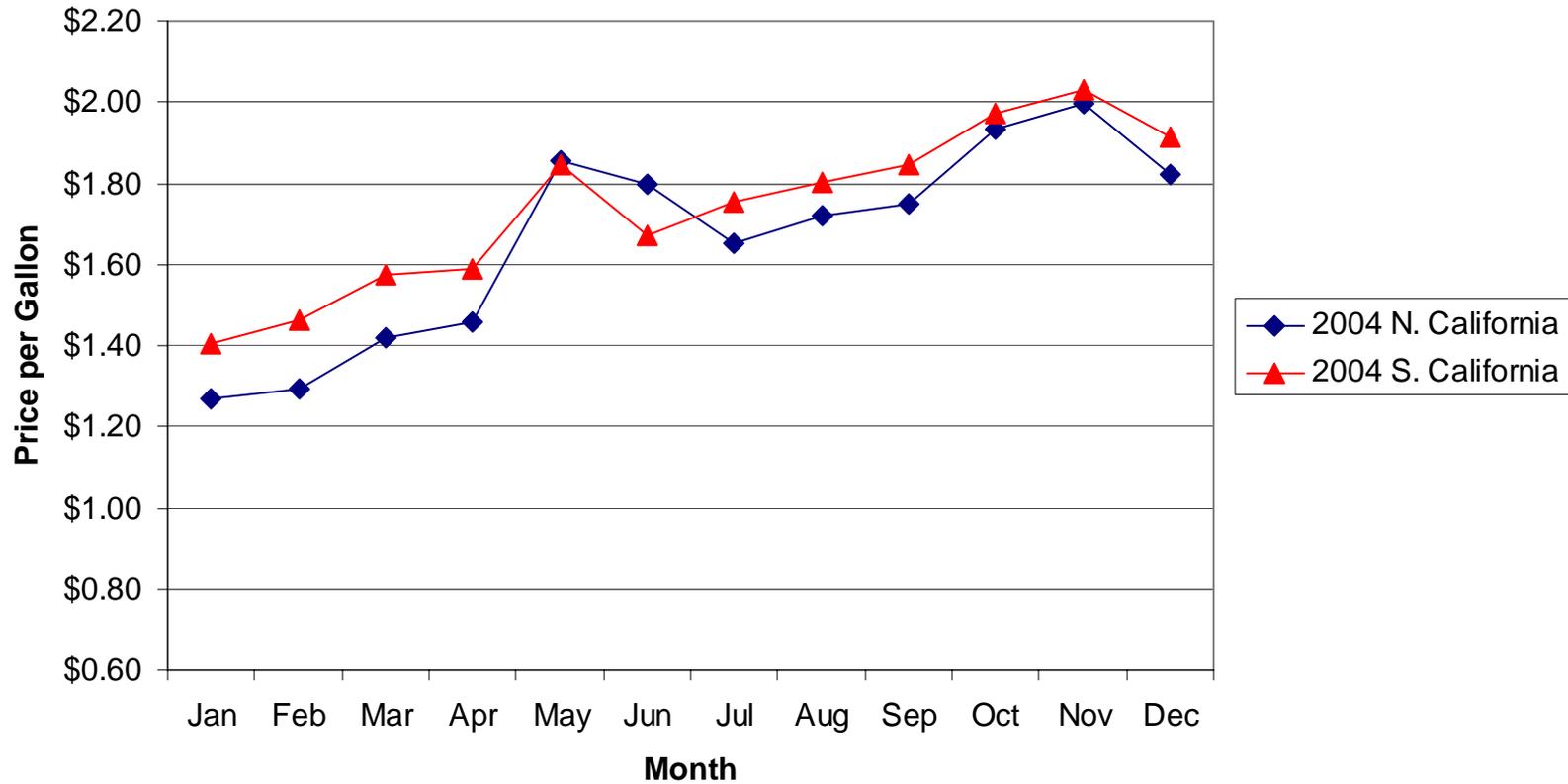
Southern California

- Moss Landing
- San Francisco
- Sausalito
- San Pedro
- Santa Barbara

2004	JAN	FEB	MAR	APR	MAY	JUN
Northern California	\$1.27	\$1.29	\$1.42	\$1.46	\$1.85	\$1.80
Southern California	\$1.40	\$1.46	\$1.58	\$1.59	\$1.85	\$1.67
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.65	\$1.72	\$1.75	\$1.94	\$1.99	\$1.82
	\$1.75	\$1.80	\$1.85	\$1.97	\$2.03	\$1.91
2003	JAN	FEB	MAR	APR	MAY	JUN
Northern California	\$1.16	\$1.24	\$1.42	\$1.44	\$1.24	\$1.19
Southern California	\$1.21	\$1.27	\$1.49	\$1.42	\$1.19	\$1.24
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.30	\$1.37	\$1.31	\$1.19	\$1.23	\$1.25
	\$1.30	\$1.38	\$1.43	\$1.32	\$1.32	\$1.38
2002	JAN	FEB	MAR	APR	MAY	JUN
Northern California	\$0.93	\$0.87	\$0.94	\$1.00	\$1.02	\$1.03
Southern California	\$0.95	\$0.91	\$0.99	\$1.08	\$1.09	\$1.10
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.08	\$1.06	\$1.16	\$1.22	\$1.18	\$1.14
	\$1.11	\$1.09	\$1.22	\$1.23	\$1.24	\$1.13

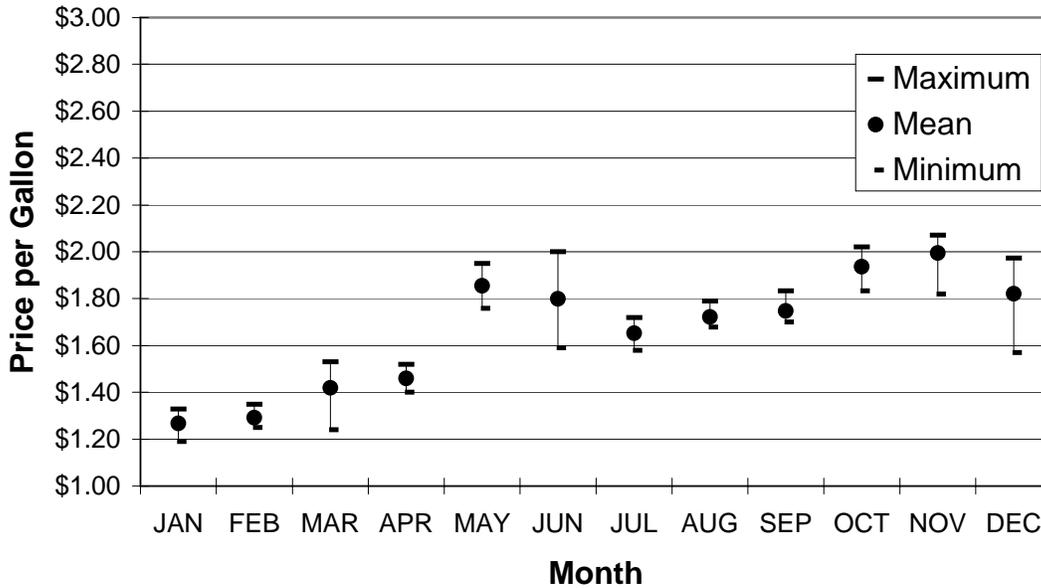
2004 Regional-Level Summaries for California

Average Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel by Region, 2004



2004 Northern California

2004 Northern California Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel

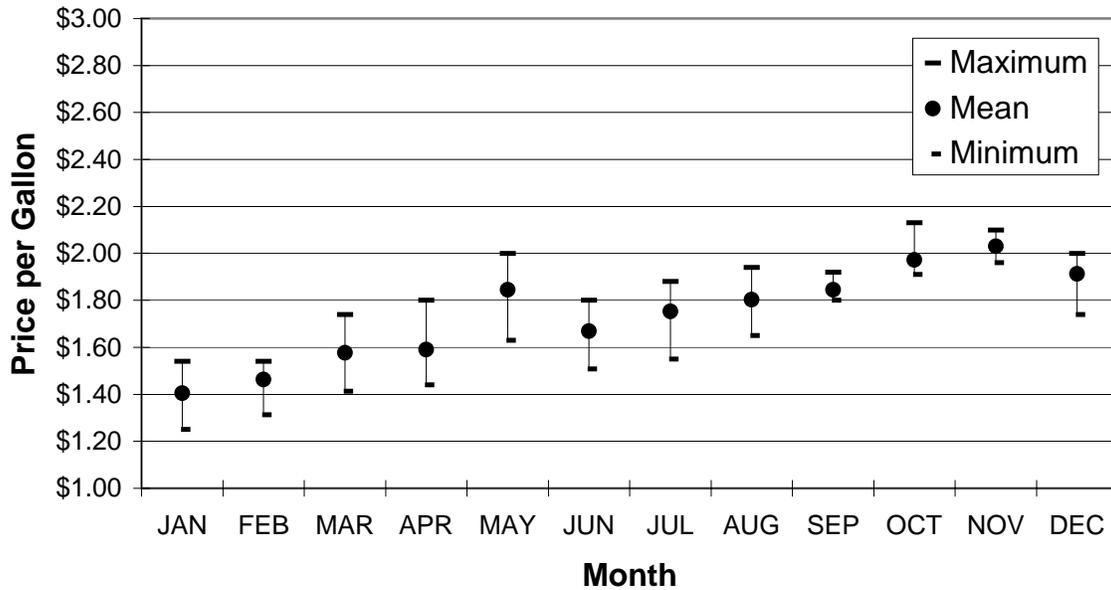


Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.19	\$1.27	\$1.33	\$0.06	4
February	\$1.25	\$1.29	\$1.35	\$0.05	4
March	\$1.24	\$1.42	\$1.53	\$0.13	4
April	**	\$1.46	**	**	2
May	**	\$1.85	**	**	2
June	\$1.59	\$1.80	\$2.00	\$0.17	4
July	\$1.58	\$1.65	\$1.72	\$0.07	4
August	\$1.68	\$1.72	\$1.79	\$0.05	4
September	\$1.70	\$1.75	\$1.83	\$0.06	4
October	\$1.83	\$1.94	\$2.02	\$0.08	4
November	\$1.82	\$1.99	\$2.07	\$0.12	4
December	\$1.57	\$1.82	\$1.97	\$0.18	4

**Data not reported for confidentiality, less than three fuel suppliers reporting.

2004 Southern California

2004 Southern California Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on the Purchase of 600 Gallons of #2 Marine Diesel



Month	Minimum	Mean	Maximum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.25	\$1.40	\$1.54	\$0.12	5
February	\$1.31	\$1.46	\$1.54	\$0.10	4
March	\$1.41	\$1.58	\$1.74	\$0.14	5
April	\$1.44	\$1.59	\$1.80	\$0.17	4
May	\$1.63	\$1.85	\$2.00	\$0.16	4
June	\$1.51	\$1.67	\$1.80	\$0.12	5
July	\$1.55	\$1.75	\$1.88	\$0.15	4
August	\$1.65	\$1.80	\$1.94	\$0.13	4
September	\$1.80	\$1.85	\$1.92	\$0.06	4
October	\$1.91	\$1.97	\$2.13	\$0.11	4
November	\$1.96	\$2.03	\$2.10	\$0.07	3
December	\$1.74	\$1.91	\$2.00	\$0.12	4