

# **West Coast and Alaska Marine Fuel Prices 2001-2003**

## **Annual Report**



Economic Fisheries Information Network  
Pacific States Marine Fisheries Commission

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# Marine Fuel Prices

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*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:*

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# General Information

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## Data Retrieval Location

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

## Contact Information

Please direct any questions, suggestions or other comments to:

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# Sample

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## Port Selection Method

### *Alaska*

Originally, ports were selected through 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 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 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 have been added to increase coverage or to replace ones that declined to participate.

- 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 due to a lack of contact in 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) 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.

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\* Revenue generation figures are based upon revenue data associated with all species from PacFIN on 30 Dec 98.  
Pacific States Marine Fisheries Commission Economic Fisheries Information Network  
<http://www.psmfc.org/efin/docs/2003FuelPriceReport.pdf> January 2004

## Selected Ports

Fuel suppliers who provided data in 2003 are in the following ports:

### *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

***N. WA***

- Anacortes
- Bellingham Bay

***Puget Sound***

- Everett
- Olympia
- Shelton

***Seattle***

- Seattle

**Oregon**

***N. Oregon***

- Astoria
- Newport

***S. Oregon***

- Florence
- Gold Beach
- Winchester Bay

**California**

***N. California***

- Bodega Bay
- Crescent City
- Eureka
- Fort Bragg

***Bay Area***

- Moss Landing
- San Francisco
- Sausalito

***S. California***

- Morro Bay
- Port Hueneme
- San Pedro
- 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 that 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 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 were added to increase coverage in certain areas as their contact information became available.

# Data Collection

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## 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 that 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 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.

The price is collected for 600 gallons 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 but 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

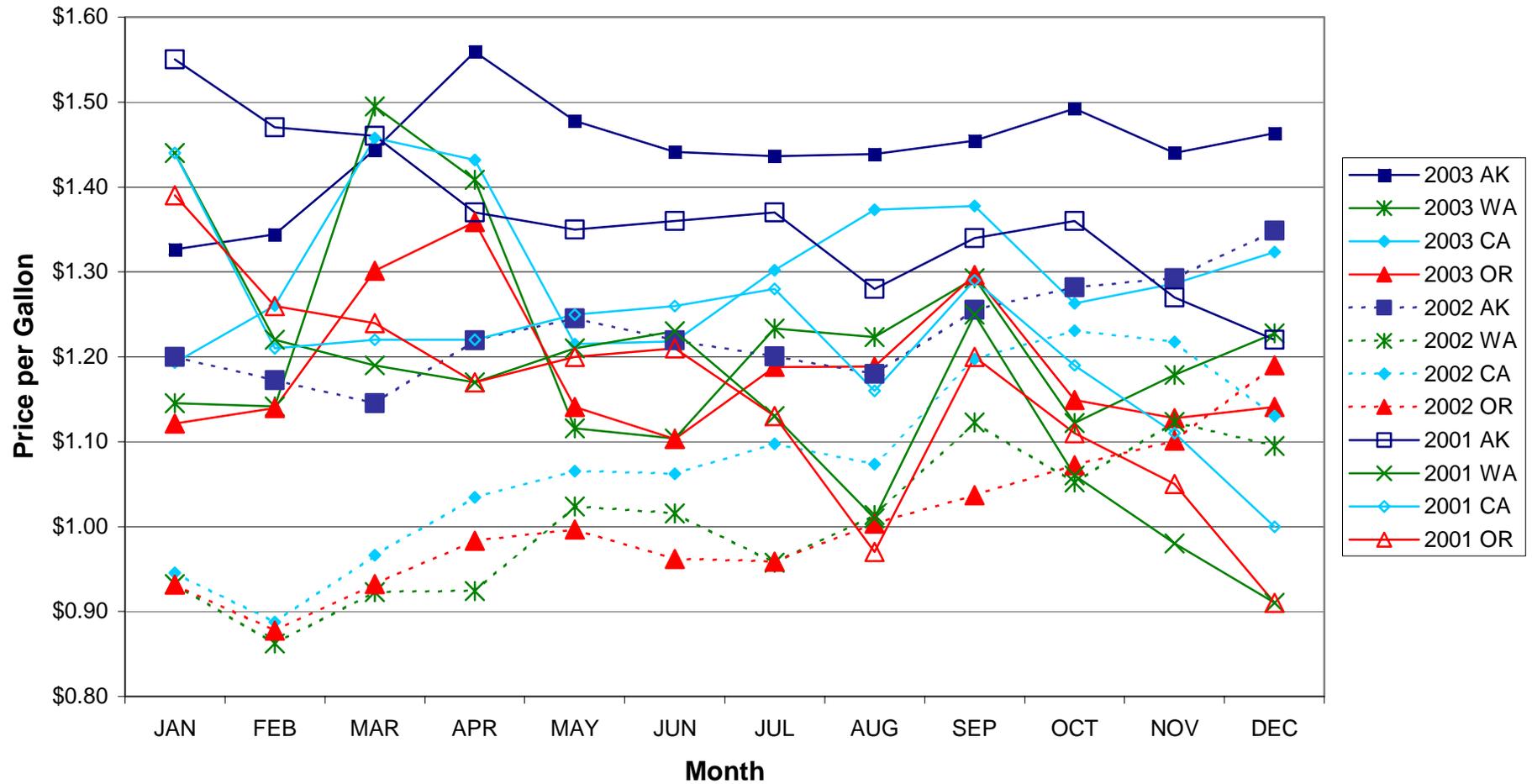
Marine fuel price data are available in 2 formats: as an EXCEL file and as an ASCII fixed width file. Each file contains the following variables:

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	



**All States**

**State Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel, 2001-2003**

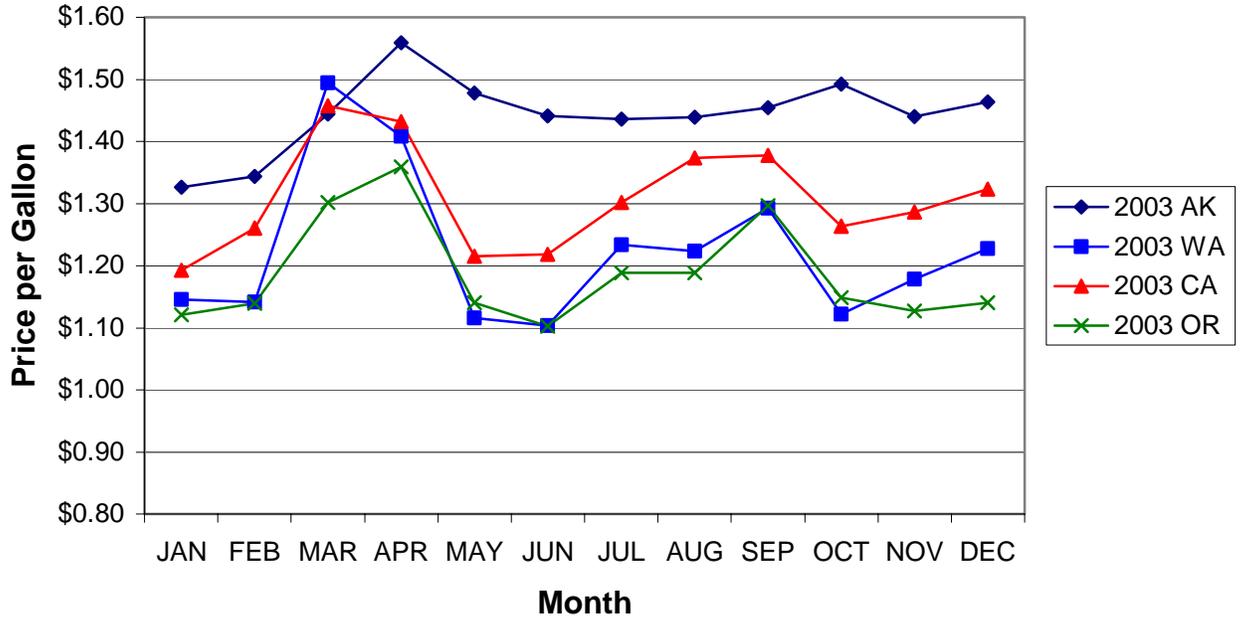


## State-Level Summary 2001 – 2003

<b>2003</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Alaska</b>	\$1.33	\$1.34	\$1.44	\$1.56	\$1.48	\$1.44
<b>Washington</b>	\$1.15	\$1.14	\$1.49	\$1.41	\$1.12	\$1.10
<b>California</b>	\$1.19	\$1.26	\$1.46	\$1.43	\$1.22	\$1.22
<b>Oregon</b>	\$1.12	\$1.14	\$1.30	\$1.36	\$1.14	\$1.10
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$1.44	\$1.44	\$1.45	\$1.49	\$1.44	\$1.46
	\$1.23	\$1.22	\$1.29	\$1.12	\$1.18	\$1.23
	\$1.30	\$1.37	\$1.38	\$1.26	\$1.29	\$1.32
	\$1.19	\$1.19	\$1.30	\$1.15	\$1.13	\$1.14
<b>2002</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Alaska</b>	\$1.20	\$1.17	\$1.15	\$1.22	\$1.25	\$1.22
<b>Washington</b>	\$0.93	\$0.86	\$0.92	\$0.92	\$1.02	\$1.02
<b>California</b>	\$0.95	\$0.89	\$0.97	\$1.03	\$1.07	\$1.06
<b>Oregon</b>	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$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
<b>2001</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Alaska</b>	\$1.55	\$1.47	\$1.46	\$1.37	\$1.35	\$1.36
<b>Washington</b>	\$1.44	\$1.22	\$1.19	\$1.17	\$1.21	\$1.23
<b>California</b>	\$1.44	\$1.21	\$1.22	\$1.22	\$1.25	\$1.26
<b>Oregon</b>	\$1.39	\$1.26	\$1.24	\$1.17	\$1.20	\$1.21
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$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

## 2003 West Coast Fuel Prices State-Level Summaries

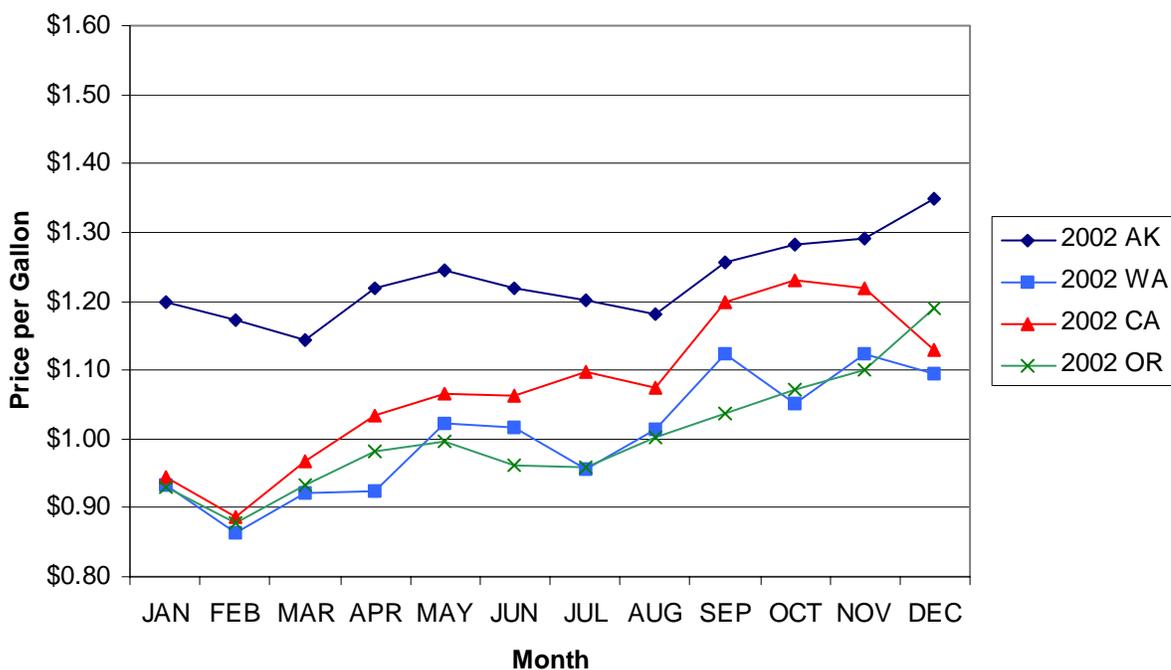
**Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel**



2003	JAN	FEB	MAR	APR	MAY	JUN
<b>Alaska</b>	\$1.33	\$1.34	\$1.44	\$1.56	\$1.48	\$1.44
<b>Washington</b>	\$1.15	\$1.14	\$1.49	\$1.41	\$1.12	\$1.10
<b>California</b>	\$1.19	\$1.26	\$1.46	\$1.43	\$1.22	\$1.22
<b>Oregon</b>	\$1.12	\$1.14	\$1.30	\$1.36	\$1.14	\$1.10
	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
	\$1.30	\$1.37	\$1.38	\$1.26	\$1.29	\$1.32
	\$1.19	\$1.19	\$1.30	\$1.15	\$1.13	\$1.14

## 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
<b>Alaska</b>	\$1.20	\$1.17	\$1.15	\$1.22	\$1.25	\$1.22
<b>Washington</b>	\$0.93	\$0.86	\$0.92	\$0.92	\$1.02	\$1.02
<b>California</b>	\$0.95	\$0.89	\$0.97	\$1.03	\$1.07	\$1.06
<b>Oregon</b>	\$0.93	\$0.88	\$0.93	\$0.98	\$1.00	\$0.96

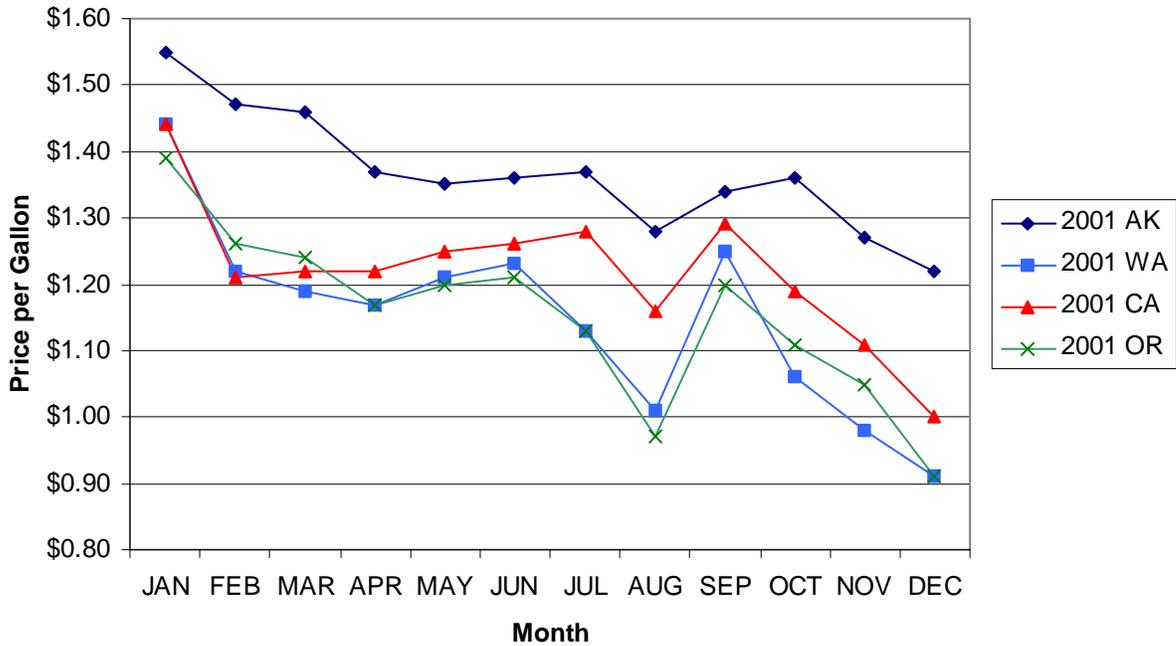
  

	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.20	\$1.18	\$1.26	\$1.28	\$1.29	\$1.35
	\$0.96	\$1.01	\$1.12	\$1.05	\$1.12	\$1.10
	\$1.10	\$1.07	\$1.20	\$1.23	\$1.22	\$1.13
	\$0.96	\$1.00	\$1.04	\$1.07	\$1.10	\$1.19

## 2001 West Coast Fuel Prices State-Level Summaries

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

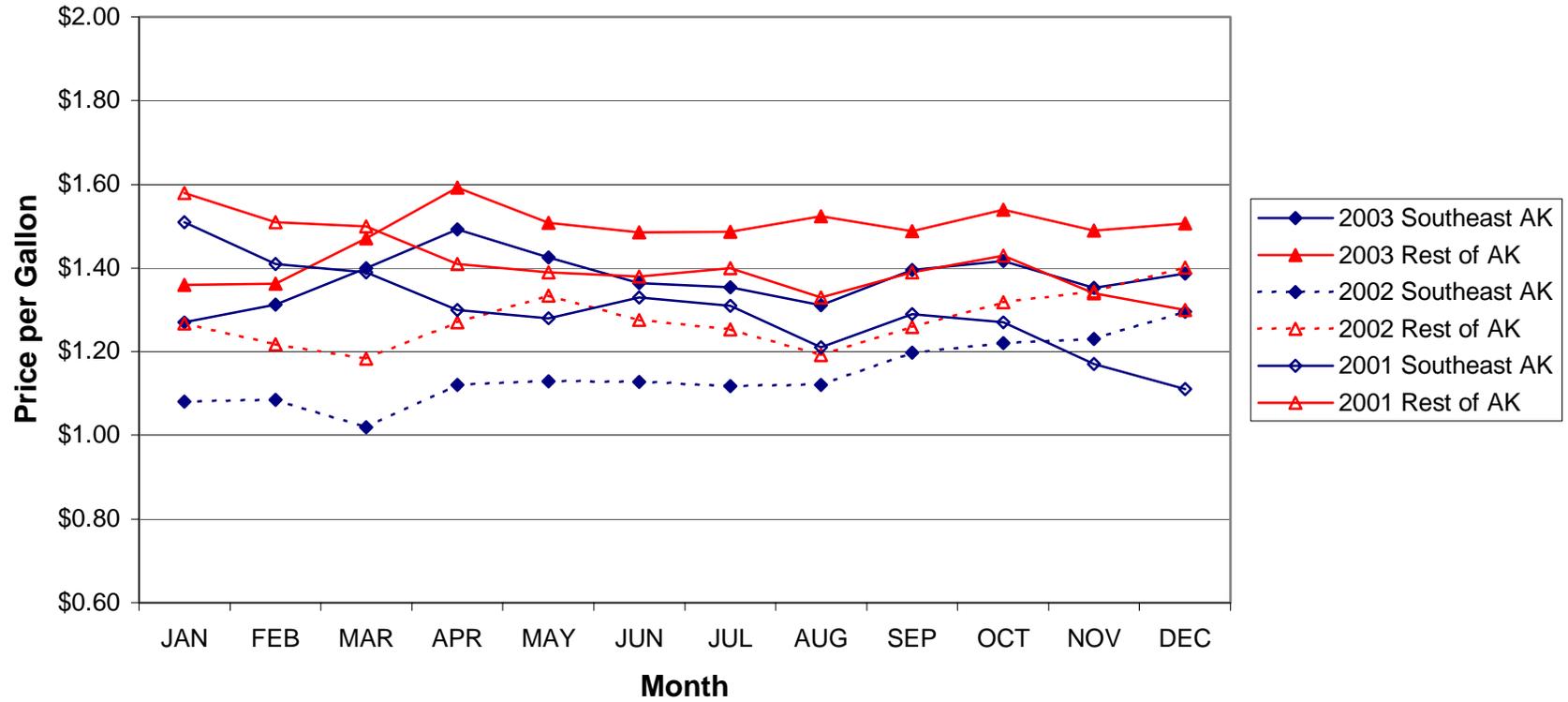


2001	JAN	FEB	MAR	APR	MAY	JUN
<b>Alaska</b>	\$1.55	\$1.47	\$1.46	\$1.37	\$1.35	\$1.36
<b>Washington</b>	\$1.44	\$1.22	\$1.19	\$1.17	\$1.21	\$1.23
<b>California</b>	\$1.44	\$1.21	\$1.22	\$1.22	\$1.25	\$1.26
<b>Oregon</b>	\$1.39	\$1.26	\$1.24	\$1.17	\$1.20	\$1.21
	JUL	AUG	SEP	OCT	NOV	DEC
	\$1.37	\$1.28	\$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

## **Alaska**

## Regional-Level Summary for Alaska, 2001-2003

2001, 2002 & 2003 Average Before-Tax Cash Price Based on 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

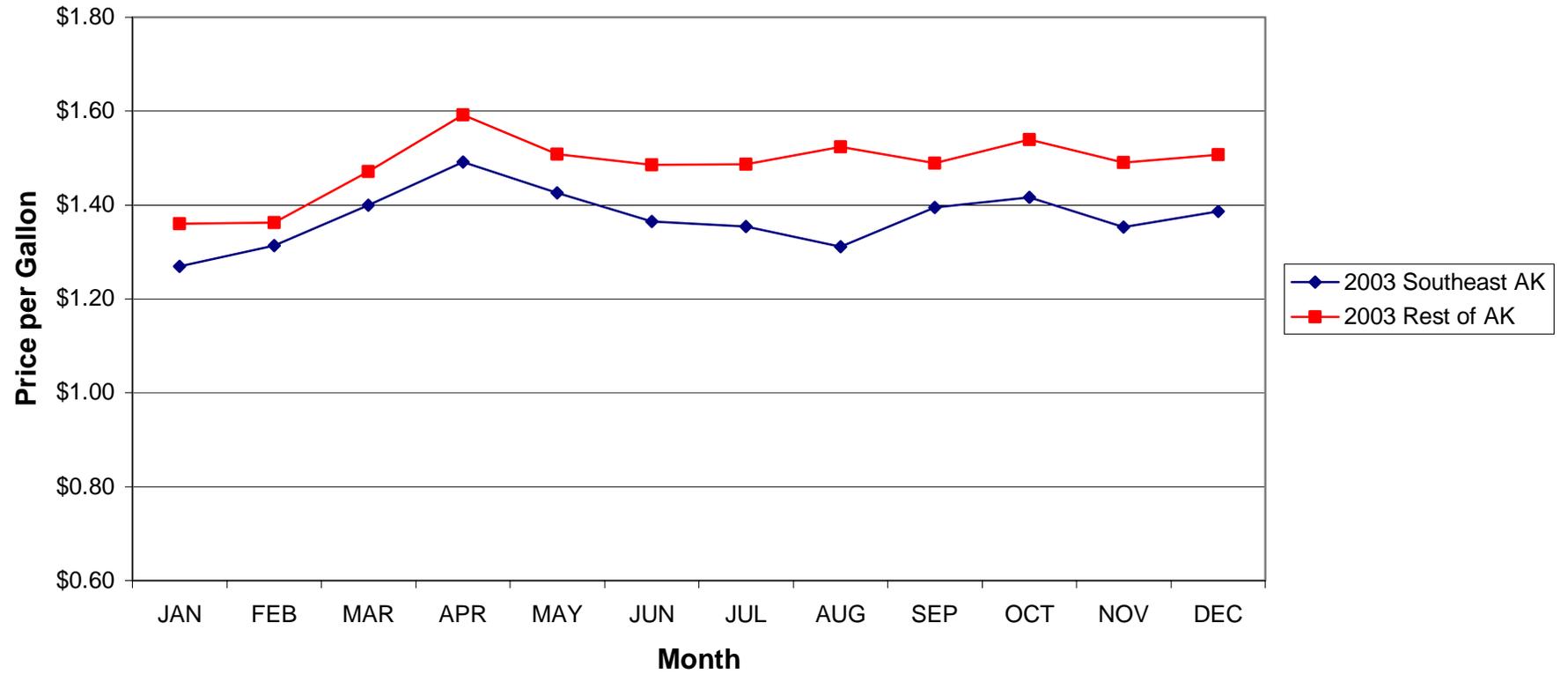
- Juneau
- Ketchikan
- Petersburg
- Sitka
- Wrangell
- Yakutat

<b>2003</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Southeast Alaska</b>	\$1.27	\$1.31	\$1.40	\$1.49	\$1.43	\$1.36
<b>Rest of Alaska</b>	\$1.36	\$1.36	\$1.47	\$1.59	\$1.51	\$1.49
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$1.35	\$1.31	\$1.39	\$1.42	\$1.35	\$1.39
	\$1.38	\$1.31	\$1.49	\$1.33	\$1.49	\$1.51
<b>2002</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Southeast Alaska</b>	\$1.08	\$1.08	\$1.02	\$1.12	\$1.13	\$1.13
<b>Rest of Alaska</b>	\$1.27	\$1.22	\$1.18	\$1.27	\$1.33	\$1.28
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$1.12	\$1.12	\$1.20	\$1.22	\$1.23	\$1.30
	\$1.25	\$1.19	\$1.26	\$1.32	\$1.34	\$1.40
<b>2001</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
<b>Southeast Alaska</b>	\$1.51	\$1.41	\$1.39	\$1.30	\$1.28	\$1.33
<b>Rest of Alaska</b>	\$1.58	\$1.51	\$1.50	\$1.41	\$1.39	\$1.38
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$1.31	\$1.21	\$1.29	\$1.27	\$1.17	\$1.11
	\$1.40	\$1.33	\$1.39	\$1.43	\$1.34	\$1.30

## Regional-Level Summary for Alaska, 2003

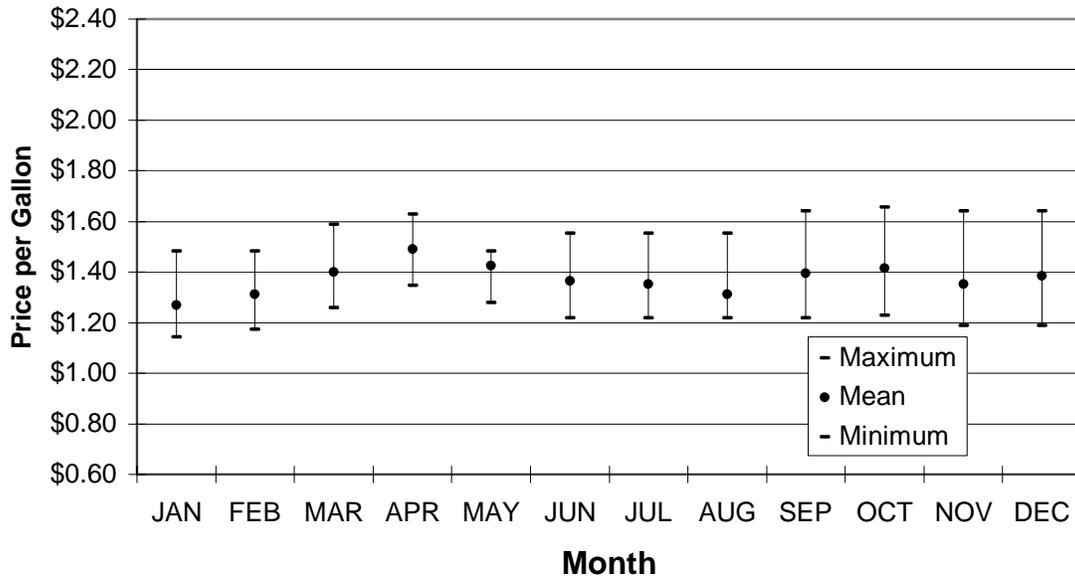
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Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel, 2003



## Southeast Alaska

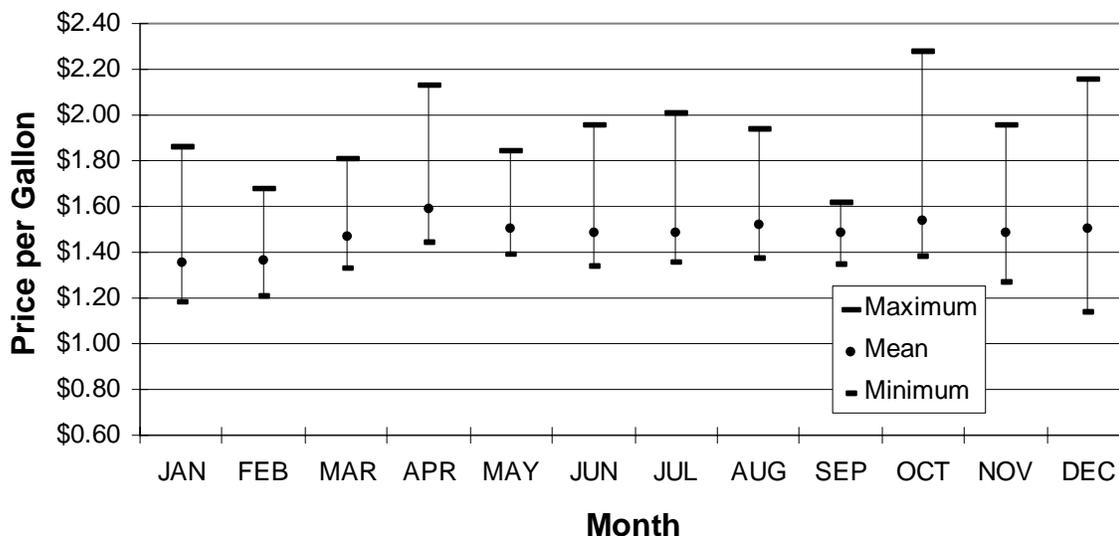
### 2003 Southeast Alaska Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.15	\$1.27	\$1.48	\$0.11	7
February	\$1.18	\$1.31	\$1.48	\$0.10	8
March	\$1.26	\$1.40	\$1.59	\$0.12	8
April	\$1.35	\$1.49	\$1.63	\$0.08	7
May	\$1.28	\$1.43	\$1.48	\$0.07	8
June	\$1.22	\$1.36	\$1.55	\$0.11	8
July	\$1.22	\$1.35	\$1.55	\$0.10	8
August	\$1.22	\$1.31	\$1.55	\$0.11	8
September	\$1.22	\$1.39	\$1.64	\$0.15	8
October	\$1.23	\$1.42	\$1.66	\$0.12	8
November	\$1.19	\$1.35	\$1.64	\$0.15	8
December	\$1.19	\$1.39	\$1.64	\$0.13	8

## Rest of Alaska

**2003 Rest of Alaska Monthly Maximum, Mean & Minimum  
Before-Tax Cash Price Based on Purchase of 600 Gallons of  
#2 Marine Diesel**

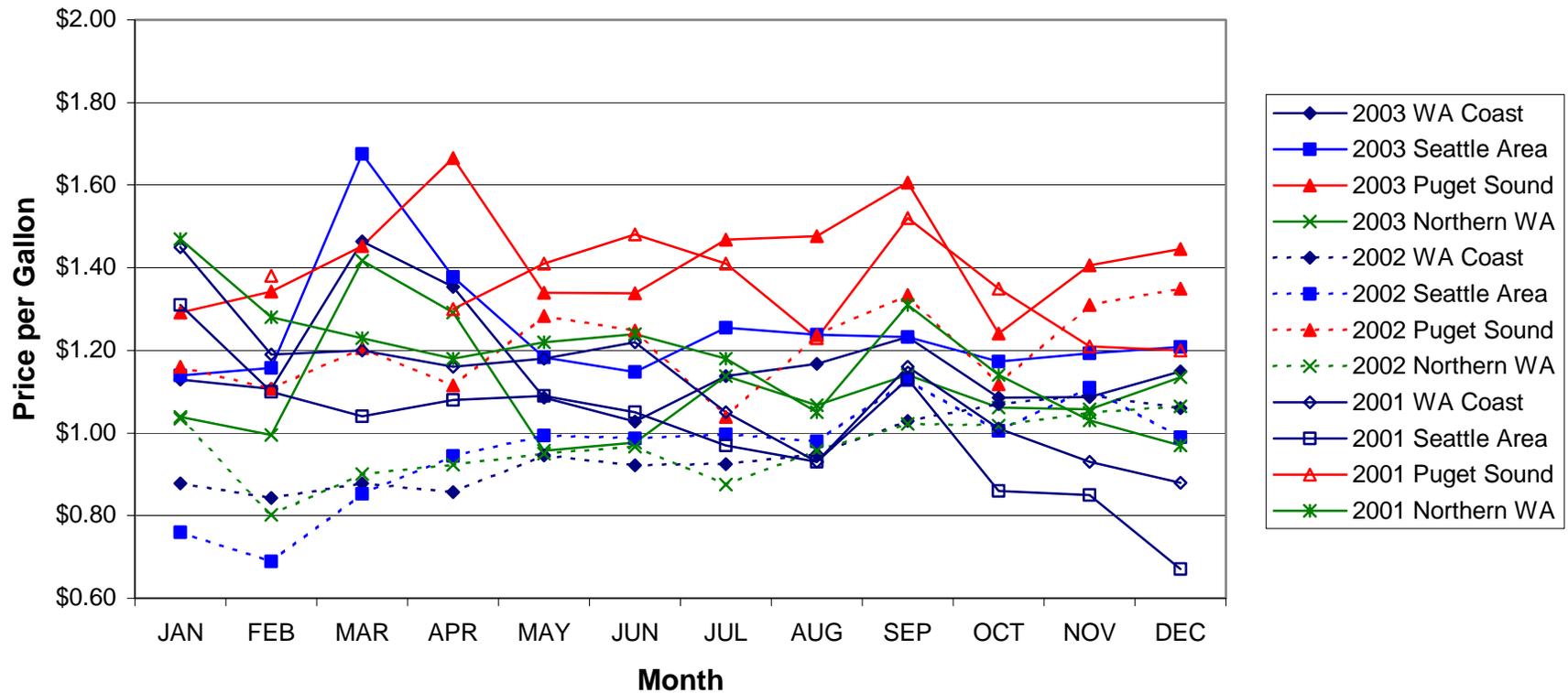


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.18	\$1.36	\$1.86	\$0.20	12
February	\$1.21	\$1.36	\$1.68	\$0.15	13
March	\$1.33	\$1.47	\$1.81	\$0.13	13
April	\$1.44	\$1.59	\$2.13	\$0.16	14
May	\$1.39	\$1.51	\$1.84	\$0.12	14
June	\$1.34	\$1.49	\$1.96	\$0.17	14
July	\$1.36	\$1.49	\$2.01	\$0.17	13
August	\$1.37	\$1.52	\$1.94	\$0.19	12
September	\$1.35	\$1.49	\$1.62	\$0.08	14
October	\$1.38	\$1.54	\$2.28	\$0.23	13
November	\$1.27	\$1.49	\$1.96	\$0.16	14
December	\$1.14	\$1.51	\$2.16	\$0.24	14

## **Washington**

## Regional-Level Summary for Washington, 2001-2003

**2001, 2002 & 2003 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 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

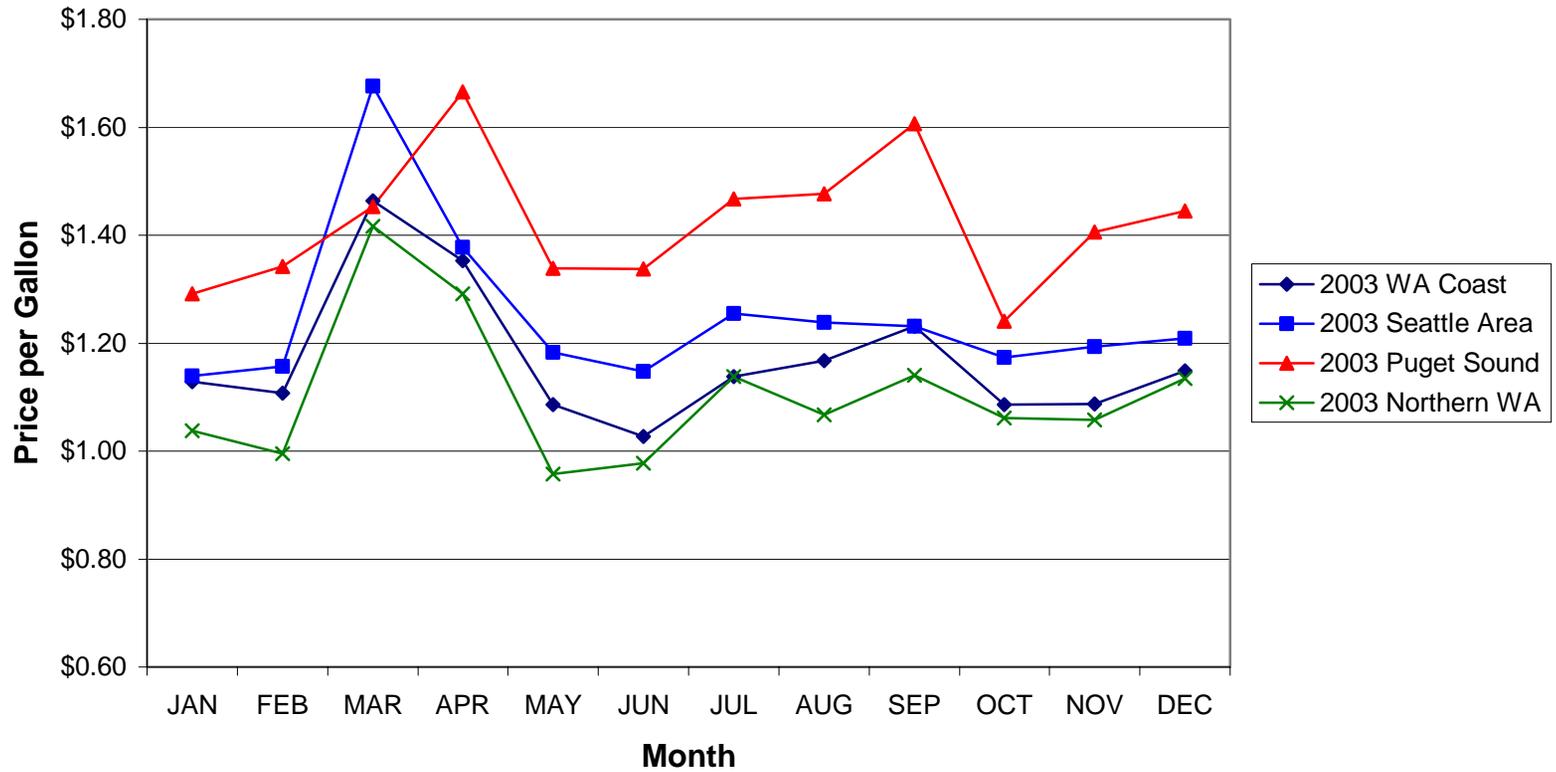
- Seattle

<b>2003</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
Washington Coast	\$1.13	\$1.11	\$1.46	\$1.35	\$1.09	\$1.03
Seattle Area	\$1.14	\$1.16	\$1.68	\$1.38	\$1.18	\$1.15
Puget Sound	\$1.29	\$1.34	\$1.45	\$1.67	\$1.34	\$1.34
Northern Washington	\$1.04	\$0.99	\$1.42	\$1.29	\$0.96	\$0.98
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$1.14	\$1.17	\$1.23	\$1.09	\$1.09	\$1.15
	\$1.25	\$1.24	\$1.23	\$1.17	\$1.19	\$1.21
	\$1.47	\$1.48	\$1.61	\$1.24	\$1.41	\$1.45
	\$1.14	\$1.07	\$1.14	\$1.06	\$1.06	\$1.14
<b>2002</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
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
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$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
<b>2001</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>
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
	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
	\$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

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

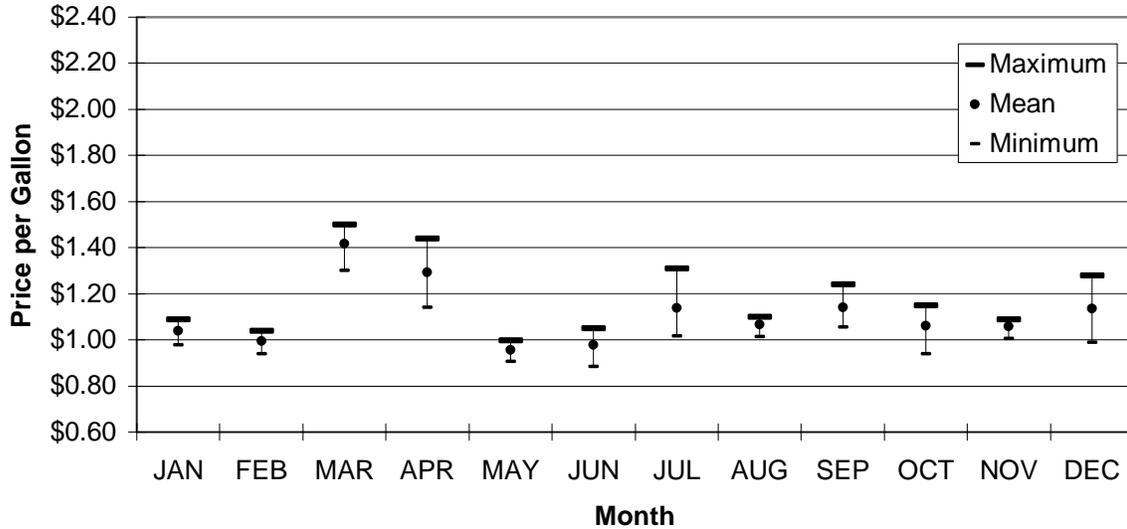
## Regional-Level Summary for Washington, 2003

Average Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel, 2003



## Northern Washington

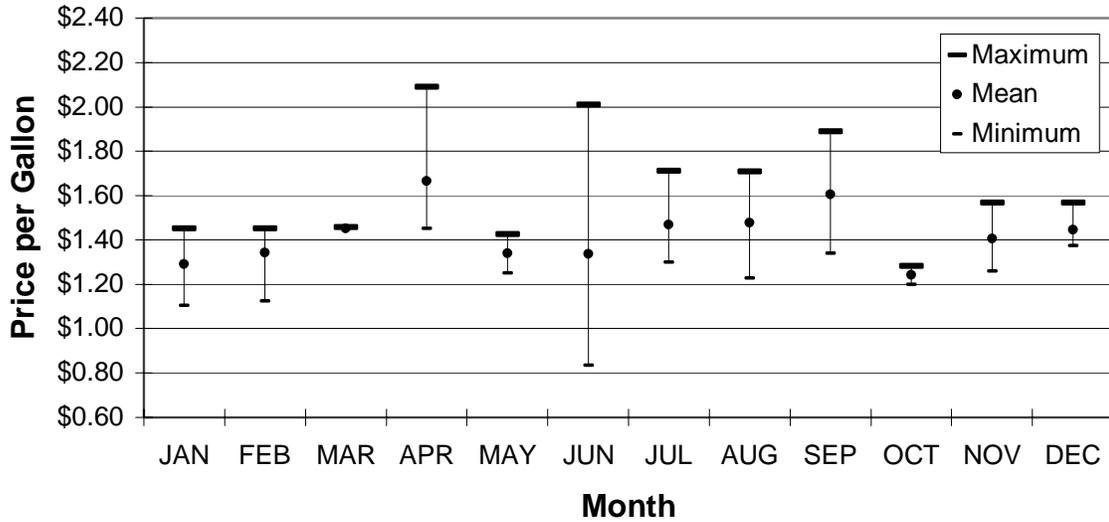
### 2003 Northern Washington Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$0.98	\$1.04	\$1.09	\$0.06	3
February	\$0.94	\$0.99	\$1.04	\$0.05	3
March	\$1.30	\$1.42	\$1.50	\$0.10	3
April	\$1.14	\$1.29	\$1.44	\$0.15	3
May	\$0.91	\$0.96	\$1.00	\$0.05	3
June	\$0.88	\$0.98	\$1.05	\$0.09	3
July	\$1.02	\$1.14	\$1.31	\$0.15	3
August	\$1.01	\$1.07	\$1.10	\$0.05	3
September	\$1.05	\$1.14	\$1.24	\$0.09	3
October	\$0.94	\$1.06	\$1.15	\$0.11	3
November	\$1.01	\$1.06	\$1.09	\$0.05	3
December	\$0.99	\$1.14	\$1.28	\$0.15	3

## Puget Sound

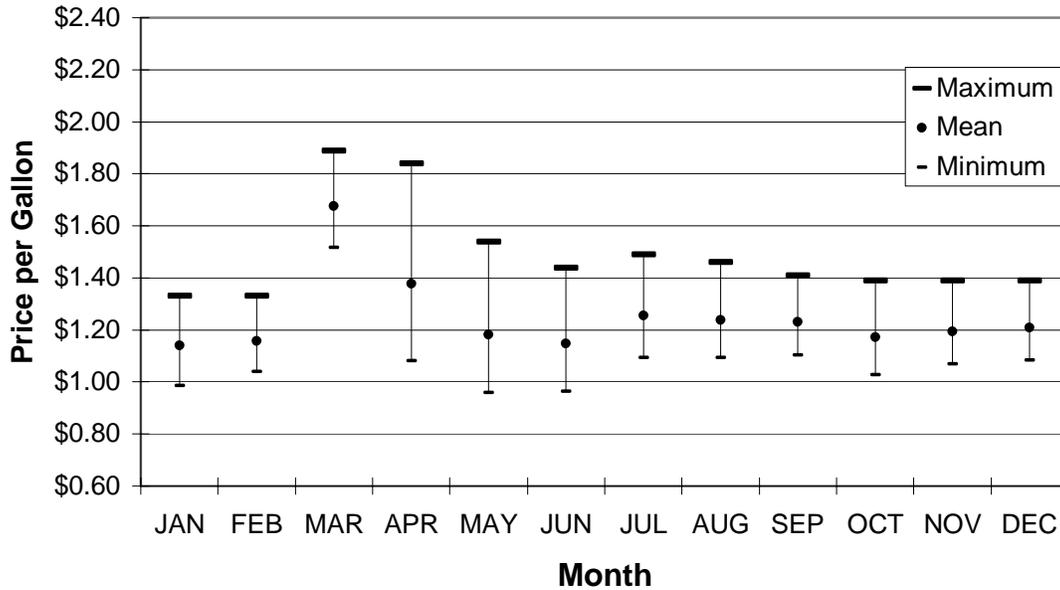
**2003 Puget Sound Monthly Maximum, Mean & Minimum  
Before-Tax Cash Price Based on Purchase of 600 Gallons of  
#2 Marine Diesel**



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.11	\$1.29	\$1.45	\$0.17	3
February	\$1.13	\$1.34	\$1.45	\$0.19	3
March	\$1.45	\$1.45	\$1.46	\$0.01	3
April	\$1.45	\$1.67	\$2.09	\$0.37	3
May	\$1.25	\$1.34	\$1.43	\$0.12	2
June	\$0.83	\$1.34	\$2.01	\$0.61	3
July	\$1.30	\$1.47	\$1.71	\$0.22	3
August	\$1.23	\$1.48	\$1.71	\$0.24	3
September	\$1.34	\$1.61	\$1.89	\$0.27	3
October	\$1.20	\$1.24	\$1.28	\$0.06	2
November	\$1.26	\$1.41	\$1.57	\$0.16	3
December	\$1.38	\$1.45	\$1.57	\$0.11	3

## Seattle

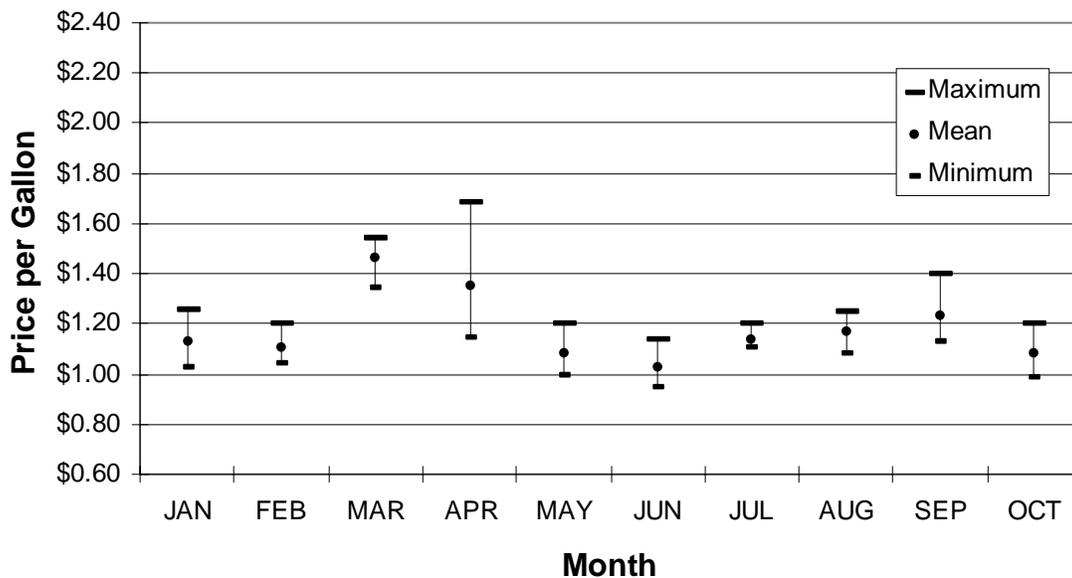
### 2003 Seattle Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$0.99	\$1.14	\$1.33	\$0.18	3
February	\$1.04	\$1.16	\$1.33	\$0.15	3
March	\$1.52	\$1.68	\$1.89	\$0.19	3
April	\$1.08	\$1.38	\$1.84	\$0.41	3
May	\$0.96	\$1.18	\$1.54	\$0.31	3
June	\$0.96	\$1.15	\$1.44	\$0.26	3
July	\$1.09	\$1.25	\$1.49	\$0.21	3
August	\$1.10	\$1.24	\$1.46	\$0.19	3
September	\$1.11	\$1.23	\$1.41	\$0.16	3
October	\$1.03	\$1.17	\$1.39	\$0.19	3
November	\$1.07	\$1.19	\$1.39	\$0.17	3
December	\$1.09	\$1.21	\$1.39	\$0.16	3

## Washington Coast

### 2003 Washington Coast Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel

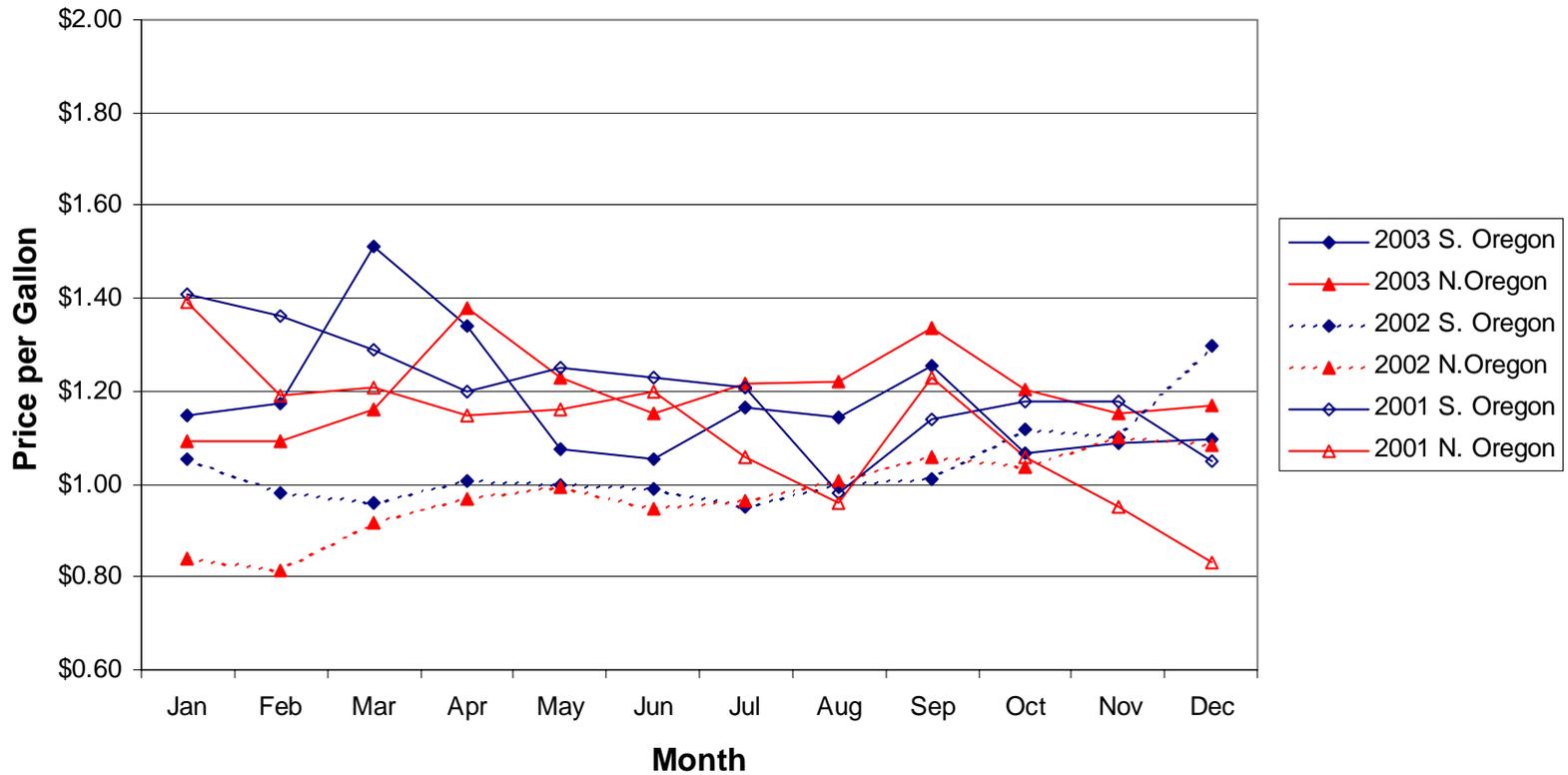


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.03	\$1.13	\$1.26	\$0.09	6
February	\$1.05	\$1.11	\$1.20	\$0.07	6
March	\$1.35	\$1.46	\$1.54	\$0.07	6
April	\$1.15	\$1.35	\$1.69	\$0.21	6
May	\$1.00	\$1.09	\$1.20	\$0.08	6
June	\$0.95	\$1.03	\$1.14	\$0.08	6
July	\$1.11	\$1.14	\$1.20	\$0.04	5
August	\$1.08	\$1.17	\$1.25	\$0.07	6
September	\$1.13	\$1.23	\$1.40	\$0.10	5
October	\$0.99	\$1.09	\$1.20	\$0.08	6
November	\$1.01	\$1.09	\$1.20	\$0.08	4
December	\$1.05	\$1.15	\$1.30	\$0.11	4

## **Oregon**

## Regional-Level Summary for Oregon, 2001-2003

2001, 2002 & 2003 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:

### Southern Oregon

- Florence
- Gold Beach
- Winchester Bay

### Northern Oregon

- Astoria
- Newport

<b>2003</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern Oregon</b>	\$1.15	\$1.17	\$1.51	\$1.34	\$1.07	\$1.05
<b>Northern Oregon</b>	\$1.09	\$1.09	\$1.16	\$1.38	\$1.23	\$1.15
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$1.17	\$1.14	\$1.26	\$1.07	\$1.09	\$1.10
	\$1.22	\$1.22	\$1.34	\$1.20	\$1.15	\$1.17

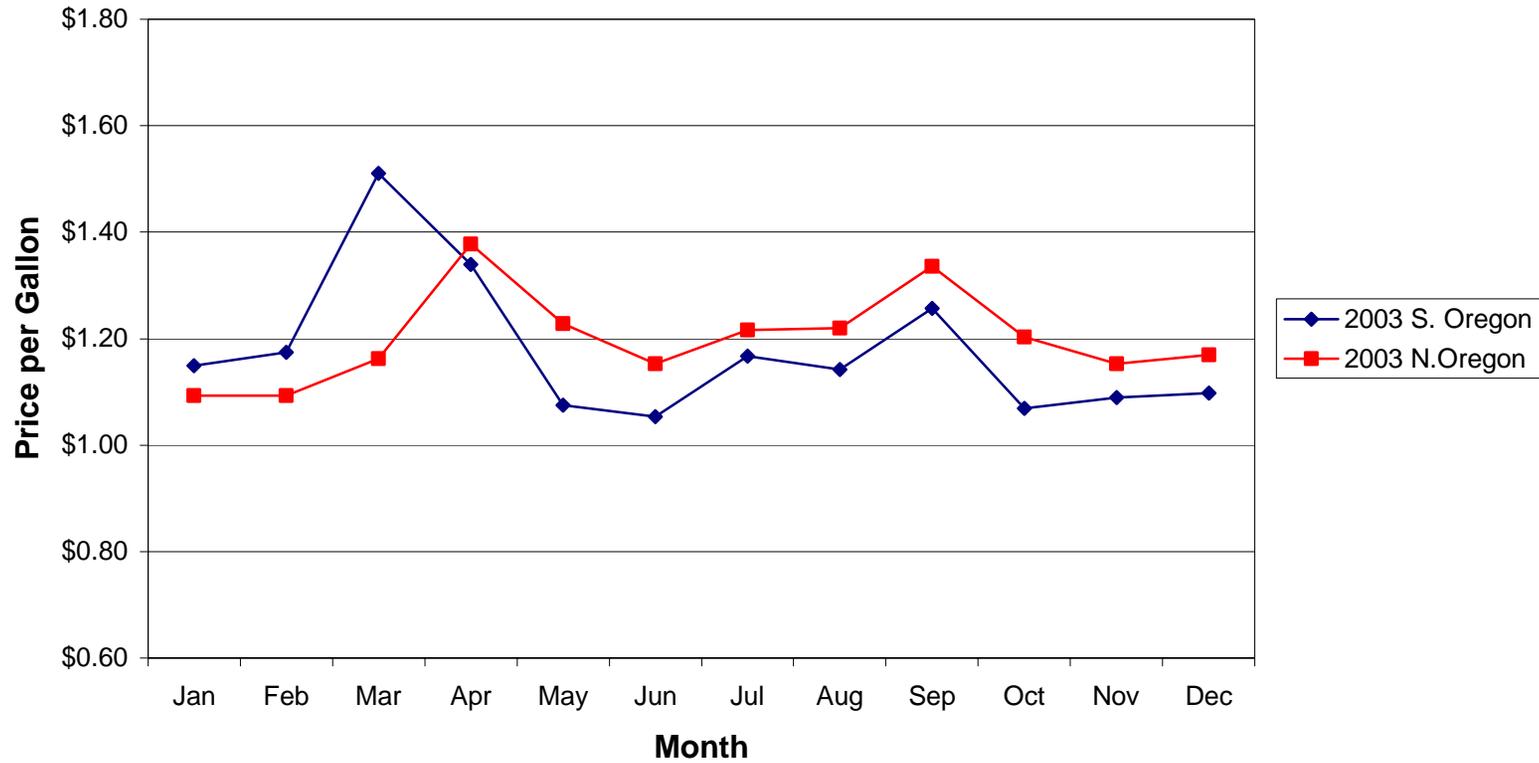
<b>2002</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern Oregon</b>	\$1.05	\$0.98	\$0.96	\$1.01	\$1.00	\$0.99
<b>Northern Oregon</b>	\$0.84	\$0.82	\$0.92	\$0.97	\$1.00	\$0.95
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$0.95	\$1.00	\$1.01	\$1.12	\$1.10	\$1.30
	\$0.96	\$1.01	\$1.06	\$1.04	\$1.10	\$1.08

<b>2001</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern Oregon</b>	\$1.41	\$1.36	\$1.29	\$1.20	\$1.25	\$1.23
<b>Northern Oregon</b>	\$1.39	\$1.19	\$1.21	\$1.15	\$1.16	\$1.20
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$1.21	\$0.98	\$1.14	\$1.18	\$1.18	\$1.05
	\$1.06	\$0.96	\$1.23	\$1.06	\$0.95	\$0.83

## Regional-Level Summary for Oregon, 2003

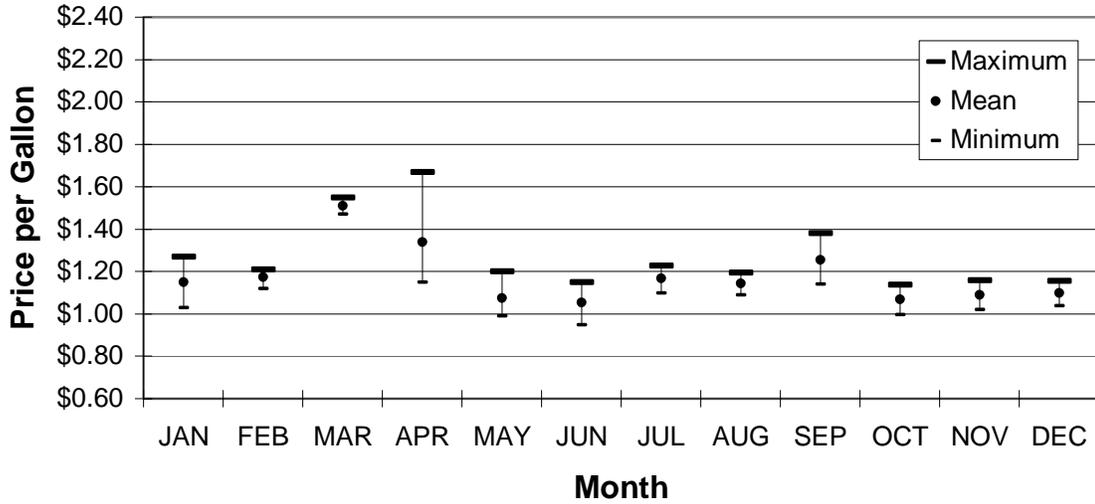
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**Oregon Average Before-Tax Cash Price Based on Purchase of 600 gallons of #2 Marine Diesel by Region, 2003**



## Northern Oregon

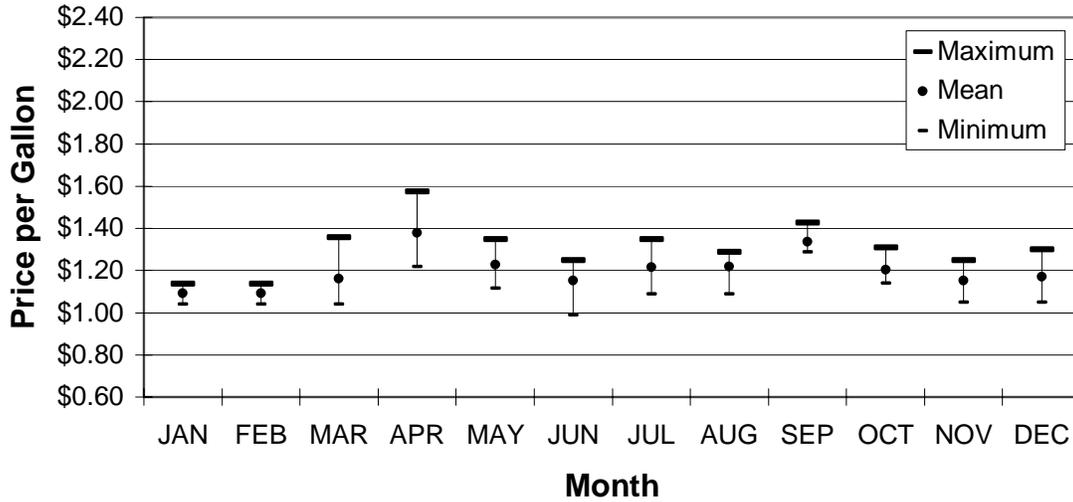
**2003 Northern Oregon Monthly Maximum, Mean & Minimum  
Before-Tax Cash Price Based on Purchase of 600 Gallons of  
#2 Marine Diesel**



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.03	\$1.15	\$1.27	\$0.12	3
February	\$1.12	\$1.17	\$1.21	\$0.04	4
March	\$1.47	\$1.51	\$1.55	\$0.06	2
April	\$1.15	\$1.34	\$1.67	\$0.29	3
May	\$0.99	\$1.07	\$1.20	\$0.09	4
June	\$0.95	\$1.05	\$1.15	\$0.10	3
July	\$1.10	\$1.17	\$1.23	\$0.06	4
August	\$1.09	\$1.14	\$1.20	\$0.07	2
September	\$1.14	\$1.26	\$1.38	\$0.12	3
October	\$1.00	\$1.07	\$1.14	\$0.10	2
November	\$1.02	\$1.09	\$1.16	\$0.10	2
December	\$1.04	\$1.10	\$1.16	\$0.08	2

## Southern Oregon

### 2003 Southern Oregon Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel

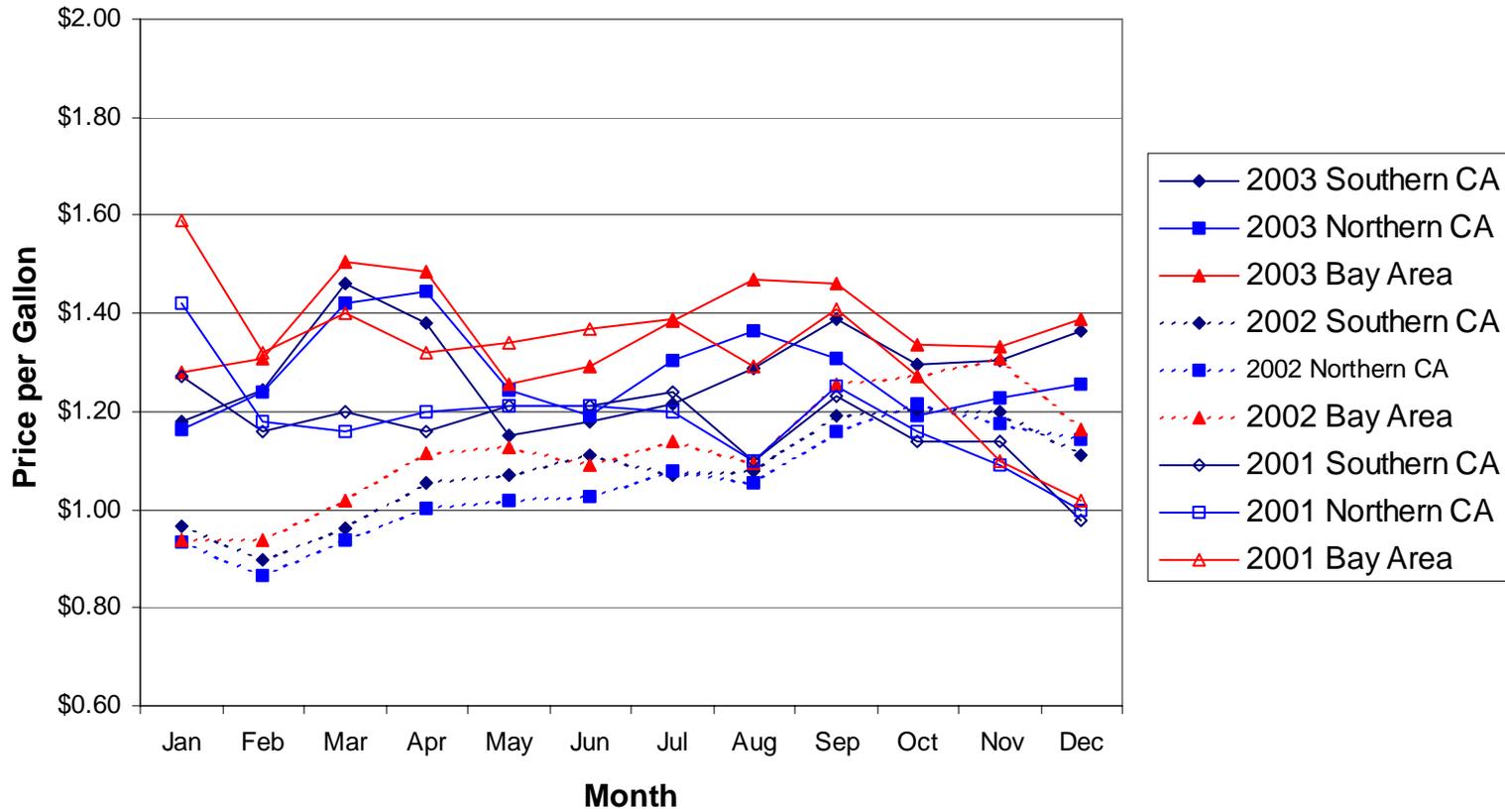


Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$1.04	\$1.09	\$1.14	\$0.05	3
February	\$1.04	\$1.09	\$1.14	\$0.05	3
March	\$1.04	\$1.16	\$1.36	\$0.17	3
April	\$1.22	\$1.38	\$1.58	\$0.18	3
May	\$1.12	\$1.23	\$1.35	\$0.12	3
June	\$0.99	\$1.15	\$1.25	\$0.14	3
July	\$1.09	\$1.22	\$1.35	\$0.13	3
August	\$1.09	\$1.22	\$1.29	\$0.11	3
September	\$1.29	\$1.34	\$1.43	\$0.08	3
October	\$1.14	\$1.20	\$1.31	\$0.09	3
November	\$1.05	\$1.15	\$1.25	\$0.10	3
December	\$1.05	\$1.17	\$1.30	\$0.13	3

## **California**

## Regional-Level Summary for California, 2001-2003

2001, 2002 & 2003 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 are grouped into three regions:

### Northern California

- Bodega Bay
- Crescent City
- Eureka
- Fort Bragg

### Bay Area

- Moss Landing
- San Francisco
- Sausalito

### Southern California

- San Pedro
- Santa Barbara

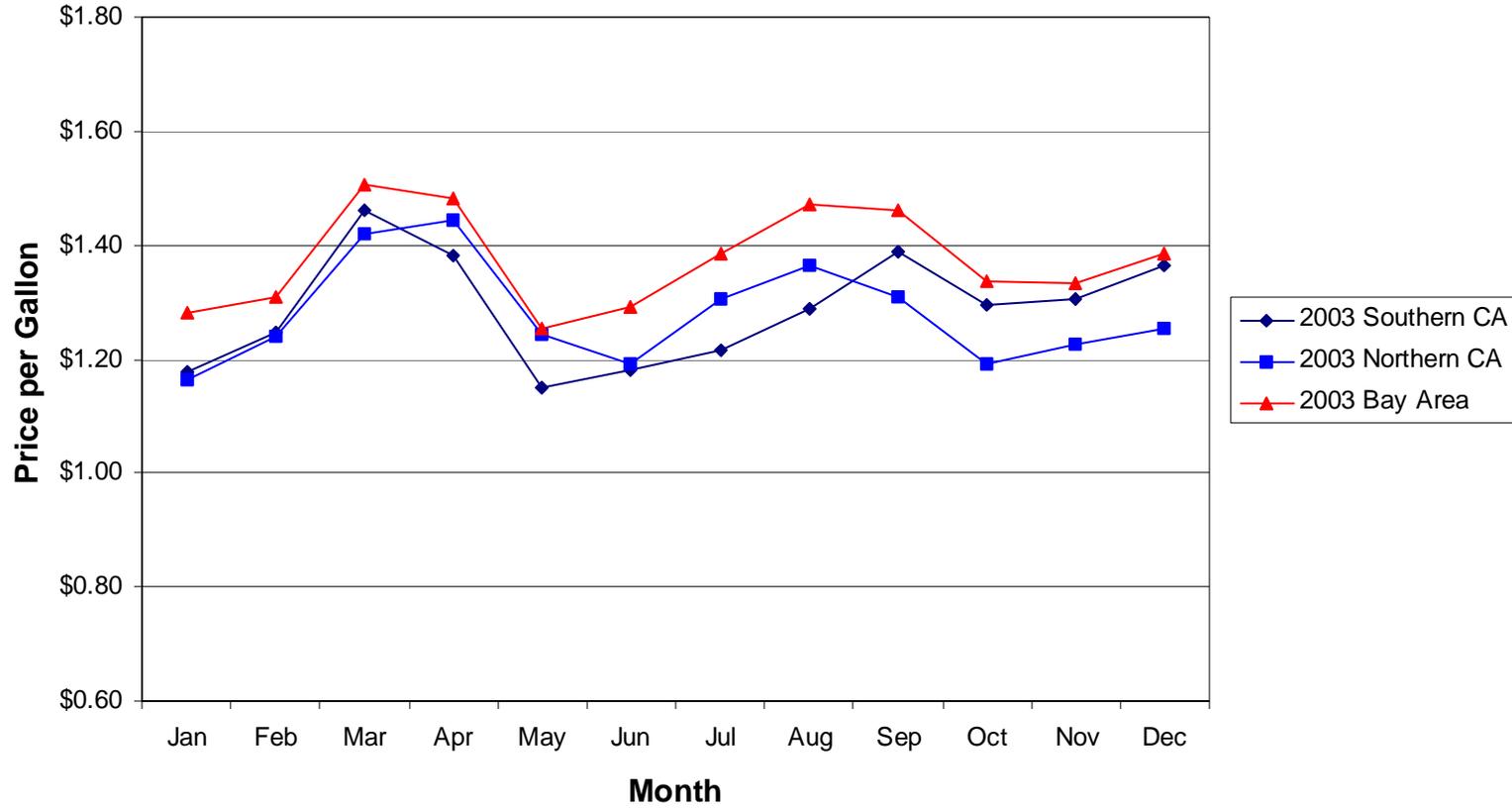
<b>2003</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern CA</b>	\$1.18	\$1.25	\$1.46	\$1.38	\$1.15	\$1.18
<b>Northern CA</b>	\$1.16	\$1.24	\$1.42	\$1.44	\$1.24	\$1.19
<b>Bay Area</b>	\$1.28	\$1.31	\$1.51	\$1.48	\$1.26	\$1.29
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$1.22	\$1.29	\$1.39	\$1.30	\$1.31	\$1.37
	\$1.30	\$1.37	\$1.31	\$1.19	\$1.23	\$1.25
	\$1.38	\$1.47	\$1.46	\$1.34	\$1.33	\$1.39

<b>2002</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern CA</b>	\$0.97	\$0.90	\$0.96	\$1.06	\$1.07	\$1.11
<b>Northern CA</b>	\$0.93	\$0.87	\$0.94	\$1.00	\$1.02	\$1.03
<b>Bay Area</b>	\$0.94	\$0.94	\$1.02	\$1.12	\$1.13	\$1.09
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$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

<b>2001</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>
<b>Southern CA</b>	\$1.27	\$1.16	\$1.20	\$1.16	\$1.21	\$1.21
<b>Northern CA</b>	\$1.42	\$1.18	\$1.16	\$1.20	\$1.21	\$1.21
<b>Bay Area</b>	\$1.59	\$1.32	\$1.40	\$1.32	\$1.34	\$1.37
	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
	\$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

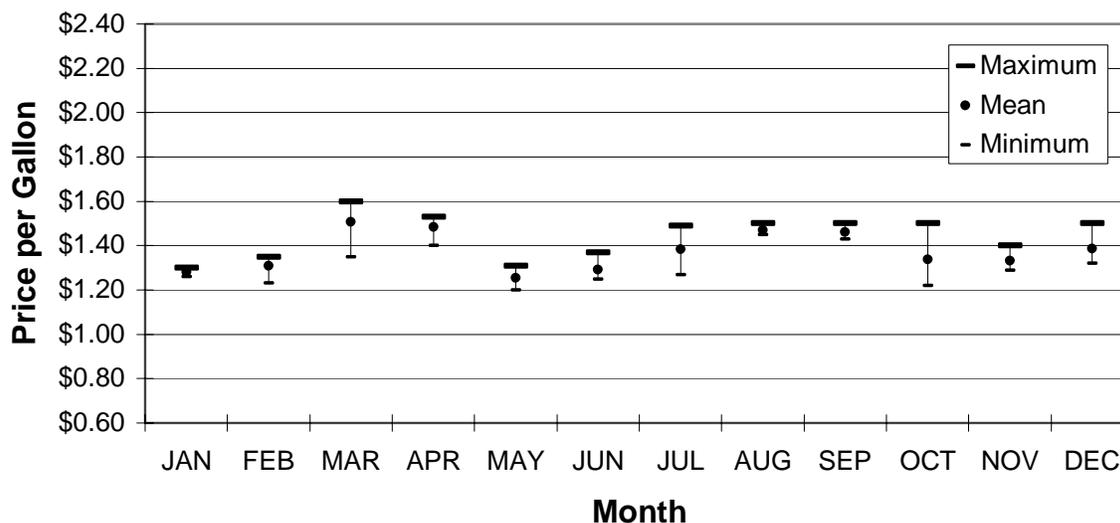
## Regional-Level Summaries for California, 2003

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



## Bay Area

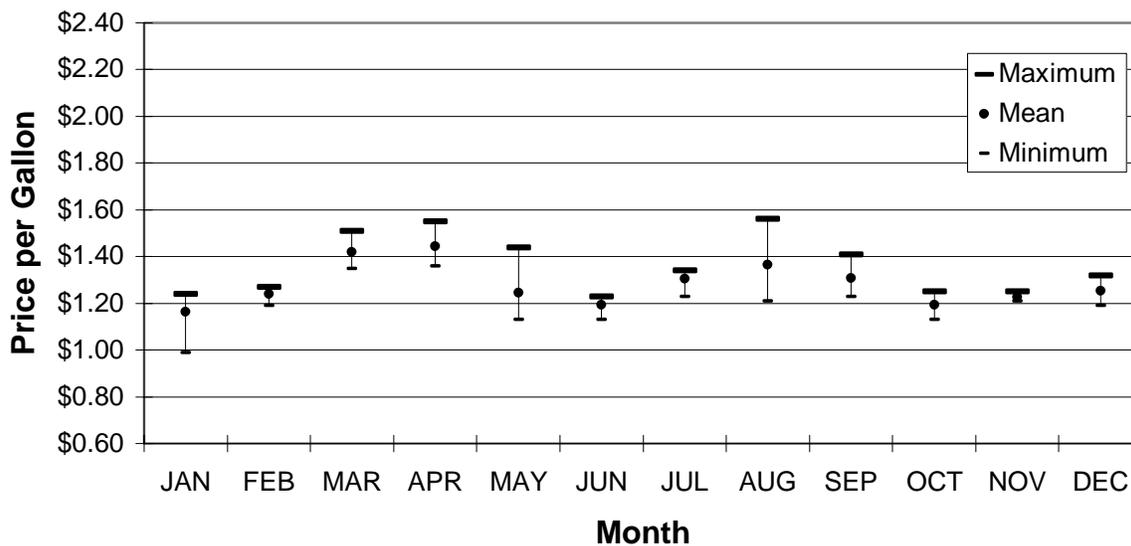
### 2003 Bay Area Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



<b>Month</b>	<b>Maximum</b>	<b>Mean</b>	<b>Minimum</b>	<b>Standard Deviation</b>	<b>Number of Fuel Suppliers Responding</b>
January	\$1.26	\$1.28	\$1.30	\$0.03	2
February	\$1.23	\$1.31	\$1.35	\$0.06	3
March	\$1.35	\$1.51	\$1.60	\$0.14	3
April	\$1.40	\$1.48	\$1.53	\$0.07	3
May	\$1.20	\$1.26	\$1.31	\$0.08	2
June	\$1.25	\$1.29	\$1.37	\$0.07	3
July	\$1.27	\$1.38	\$1.49	\$0.11	3
August	\$1.45	\$1.47	\$1.50	\$0.03	3
September	\$1.43	\$1.46	\$1.50	\$0.04	3
October	\$1.22	\$1.34	\$1.50	\$0.15	3
November	\$1.29	\$1.33	\$1.40	\$0.06	3
December	\$1.32	\$1.39	\$1.50	\$0.10	3

## Northern California

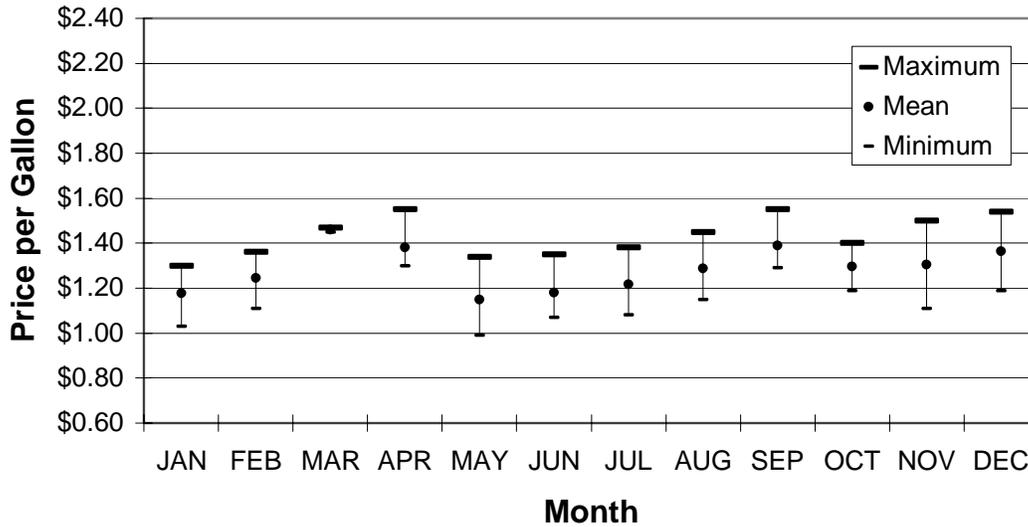
### 2003 Northern California Monthly Maximum, Mean & Minimum Before-Tax Cash Price Based on Purchase of 600 Gallons of #2 Marine Diesel



Month	Maximum	Mean	Minimum	Standard Deviation	Number of Fuel Suppliers Responding
January	\$0.99	\$1.16	\$1.24	\$0.12	4
February	\$1.19	\$1.24	\$1.27	\$0.03	4
March	\$1.35	\$1.42	\$1.51	\$0.07	4
April	\$1.36	\$1.44	\$1.55	\$0.09	4
May	\$1.13	\$1.24	\$1.44	\$0.13	4
June	\$1.13	\$1.19	\$1.23	\$0.04	4
July	\$1.23	\$1.30	\$1.34	\$0.05	4
August	\$1.21	\$1.37	\$1.56	\$0.15	4
September	\$1.23	\$1.31	\$1.41	\$0.07	4
October	\$1.13	\$1.19	\$1.25	\$0.05	4
November	\$1.21	\$1.23	\$1.25	\$0.02	3
December	\$1.19	\$1.25	\$1.32	\$0.05	4

## Southern California

### 2003 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	\$1.03	\$1.18	\$1.30	\$0.12	4
February	\$1.11	\$1.25	\$1.36	\$0.11	4
March	\$1.45	\$1.46	\$1.47	\$0.01	2
April	\$1.30	\$1.38	\$1.55	\$0.11	4
May	\$0.99	\$1.15	\$1.34	\$0.18	3
June	\$1.07	\$1.18	\$1.35	\$0.15	3
July	\$1.08	\$1.22	\$1.38	\$0.15	3
August	\$1.15	\$1.29	\$1.45	\$0.15	3
September	\$1.29	\$1.39	\$1.55	\$0.14	3
October	\$1.19	\$1.30	\$1.40	\$0.15	2
November	\$1.11	\$1.31	\$1.50	\$0.28	2
December	\$1.19	\$1.37	\$1.54	\$0.25	2