



Grain Transportation Report

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Transportation and Marketing Programs/Transportation Services Branch
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Subscription Information

The next
release is
May 05, '05

May 22-24, '05	North American Rail Shippers Association Annual Meeting	San Francisco, CA	800-697-3103
May 22-26, '05	Wheat Quality Conference	Manhattan, KS	785-776-2703 785-532-7022
May 23-24, '05	U.S. Grains Council Board of Directors' Meeting	Spokane, WA	www.grains.org
June 12-14, '05	15th Annual Ethanol Producers and Consumers Conference	Cody, WY	406-785-3722
June 16-25, '05	122nd Annual American Seed Trade Association (ASTA) Convention	Seattle, WA	703-837-8140
June 28-July 1, '05	21st Annual International Fuel Ethanol Workshop and Expo	Kansas City, MO	719-942-4353
July 8-9, '05	Commodity Flow Survey (CFS) Conference	Boston, MA	202-334-2907
July 10-12, '05	30th Annual Summer Ports, Waterways, Freight and International Trade Conference	Boston, MA	202-334-2934
Aug. 8-10, '05	Gulf Intracoastal Canal Association, 100th Annual Convention	Victoria, TX	281-996-6915
Sept. 14-15, '05	National Waterways Conference, Annual Meeting	New Orleans, LA	703-243-4090
Sept. 14-16, '05	Greater New Orleans Barge Fleeting Association, 2005 River and Marine Industry Seminar	New Orleans, LA	985-783-6605
Sept. 14-16, '05	66th Annual American Trucking Association (ATA) Convention and Trade Show	Missoula, MT	406-442-6600
Sept. 19-21, '05	2005 American Feed Industry Association (AFIA) Expo	Kansas City, MO	703-524-0810
Oct. 18-20, '05	Tennessee-Tombigbee Waterway Development Opportunities Conference	Biloxi, MS	662-328-3286

Grain Transportation Indicators

Table 1--Grain transport cost indicators*

Week ending	Truck	Rail	Barge	Gulf	Ocean
					Pacific
04/27/05	154	58	124	255	197
Compared with last week	↑	↑	↓	↓	↓

*Indicator: Base year 2000 = 100; Weekly updates include truck = diesel (\$/gallon); rail = nearby secondary rail market (\$/car); barge = spot Illinois River basis (index = percent of tariff rate); and ocean = routes to Japan (\$/metric ton)
 Source: Transportation & Marketing Programs/AMS/USDA

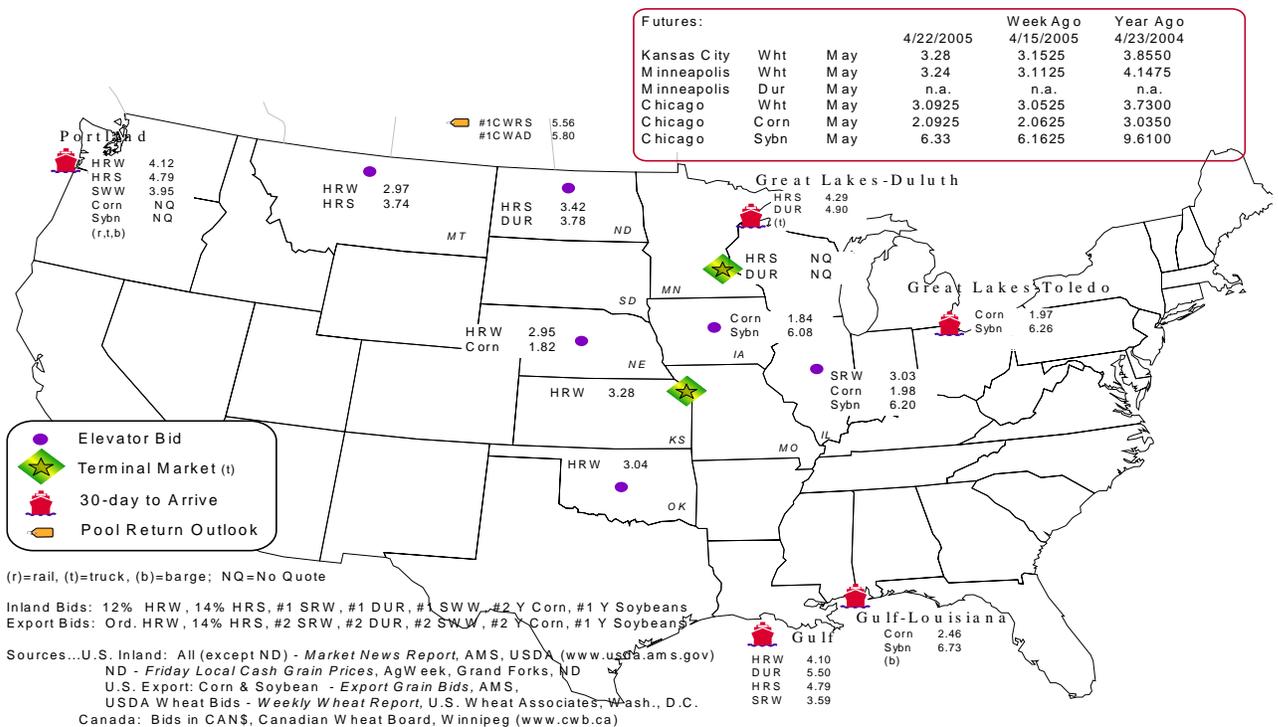
Table 2--Market update: U.S. origins to export position price spreads (\$/bushel)

Commodity	Origin--destination	4/22/2005	4/15/2005
Corn	IL--Gulf	-0.48	-0.52
Corn	NE--Gulf	-0.64	-0.66
Soybean	IA--Gulf	-0.65	-0.65
HRW	KS--Gulf	-0.82	-0.82
HRS	ND--Portland	-1.37	-1.56

Note: nq = no quote
 Source: Transportation & Marketing Programs/AMS/USDA

The **grain bid summary** illustrates the market relationships for commodities. Positive and negative adjustments in differential between terminal and futures markets, and the relationship to inland market points, are indicators of changes in fundamental market supply and demand. The map may be used to monitor market and time differentials.

Figure 1
Grain bid summary



Rail Transportation

Table 3--Rail deliveries to port (carloads)*

Week ending	Mississippi Gulf	Texas Gulf	Cross-Border Mexico	Pacific Northwest	Atlantic & East Gulf	Total
04/20/2005 ^p	68	1,514	2,044	4,259	255	8,140
04/13/2005 ^r	199	1,434	2,049	4,521	108	8,311
2005 YTD	5,054	28,304	26,717	72,614	6,706	139,395
2004 YTD	3,413	38,538	14,347	66,683	3,387	126,368
2005 as % of 2004	148	73	186	109	198	110
Total 2004	10,475	92,073	67,992	209,625	10,986	391,151
Total 2003 ^{**}	14,843	88,194	48,805	157,125	20,509	329,476

(*) Incomplete Data; as of 9/22/04, Cross-Border movements included; (**) Excludes 53rd week; YTD = year-to-date; p = preliminary data;

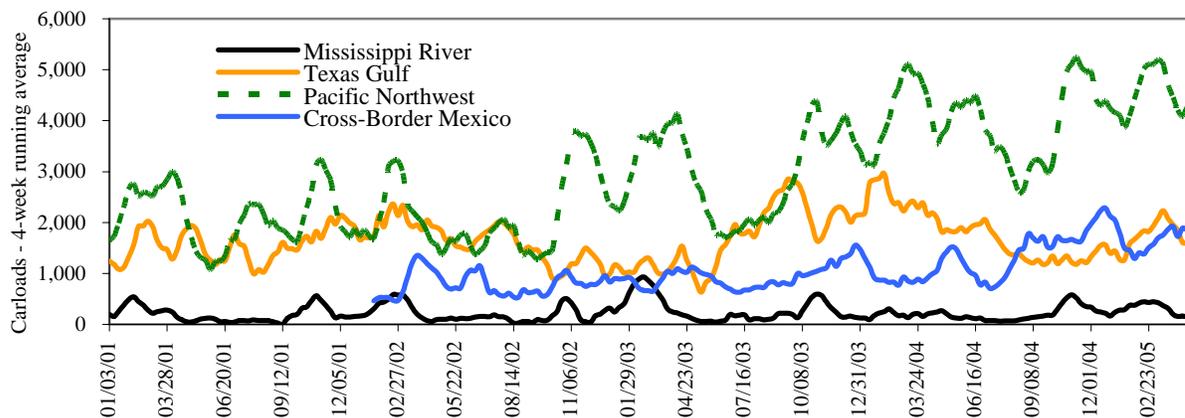
r = revised data

Source: Transportation & Marketing Programs/AMS/USDA

Railroads originate approximately 40 percent of U.S. grain shipments. Trends in these loadings are indicative of market conditions and expectations.

Figure 2

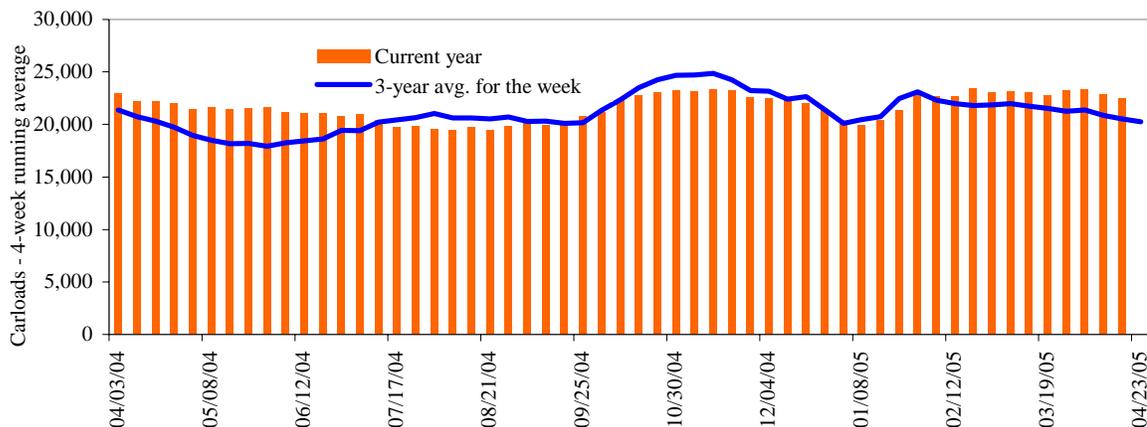
Rail deliveries to port



Source: Transportation & Marketing Programs/AMS/USDA

Figure 3

Total weekly U.S. grain car loadings for Class I railroads



Source: Association of American Railroads

Table 4--Class I rail carrier grain car bulletin (grain carloads originated)

Week ending	East		West			U.S. total	Canada	
	CSXT	NS	BNSF	KCS	UP		CN	CP
04/16/05	3,130	3,447	9,534	365	5,577	22,053	4,188	4,550
This week last year	3,263	3,159	8,727	580	6,808	22,537	5,295	3,745
2005 YTD	46,738	51,854	143,888	9,838	90,494	342,812	67,430	59,286
2004 YTD	44,838	50,351	141,113	8,285	99,992	344,579	71,117	52,567
2005 as % of 2004	104	103	102	119	91	99	95	113
Total 2004	142,206	169,650	458,587	27,618	327,510	1,125,571	237,664	210,060

Source: Association of American Railroads (www.aar.org); YTD = year-to-date

Table 5--Rail car auction offerings, week ending 4/23/05 (\$/car)*

Delivery for:	Jun. 05	Jul. 05	Aug. 05
BNSF ¹			
COT/N. grain	\$0	\$65	\$77
COT/S. grain	\$3	\$75	\$96
UP ²			
GCAS/Region 1	no bid	no offer	no offer
GCAS/Region 2	no bid	no offer	no offer

*Average premium/discount to tariff, last auction

¹BNSF - COT = Certificate of Transportation

N includes: ID, MN, MT, ND, OR, SD, WA, WI, WY, and Manitoba, Canada.

S includes: CO, IA, IL, KS, MO, NE, OK, TX, NM, AZ, CA, UT, and NV.

²UP - GCAS = Grain Car Allocation System

Region 1 includes: AR, IL, LA, MO, NM, OK, TX, WI, and Duluth, MN.

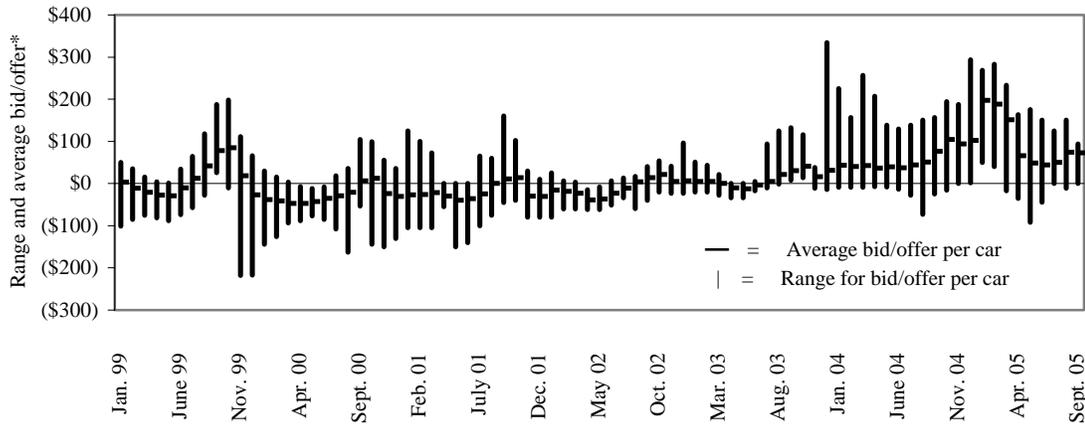
Region 2 includes: CO, IA, KS, MN, NE, WY, and Kansas City and St. Joseph, MO.

Source: Transportation & Marketing Programs/AMS/USDA

Rail service may be ordered directly from the railroad via **auction** for guaranteed service or tariff for nonguaranteed service or through the secondary market.

The **secondary rail market** information reflects trade values for service that was originally purchased from the railroad carrier as some form of guaranteed freight. The **auction and secondary rail** values are indicators of rail service quality and demand/supply.

Figure 4
Secondary rail car market, delivery month-year



*up to 6 months of trading

Source: Transportation & Marketing Programs/AMS/USDA

Average bid/offer is the simple average of all the weekly bids/offers over the entire period (up to 6 months) for guaranteed railcars that are traded for delivery in a particular month.

Range for bid/offer shows the range of average weekly bids/offers over the entire period (up to 6 months) for guaranteed railcars that are traded for delivery in a particular month.

Table 6--Weekly secondary rail car market, week ending 4/23/05 (\$/car)*

	Delivery period			
	May-05	Jun-05	Jul-05	Aug-05
BNSF-GF	-\$24	\$3	\$30	\$81
Change from last week	\$5	-\$3	\$5	-\$11
UP-Pool	-\$50	-\$44	\$13	\$64
Change from last week	\$40	-\$19	\$13	\$6

*Average premium/discount to tariff, \$/car-last week

Note: Bids listed are market INDICATORS only & are NOT guaranteed prices,

Missing value = no bid quoted; GF = guaranteed freight; Pool = guaranteed pool

Sources: Transportation and Marketing Programs/AMS/USDA

Data from Atwood/ConAgra, Harvest States Co-op, James B. Joiner Co., Tradewest Brokerage Co.

Table 7--Tariff rail rates for unit and shuttle train shipments*

Effective date:					
4/4/2005	Origin region	Destination region	Rate/car	Rate/metric ton	Rate/bushel**
<u>Unit train*</u>					
Wheat	Minneapolis, MN	Houston, TX	\$2,420	\$26.68	\$0.73
	Kansas City, MO	Galveston, TX	\$1,920	\$21.16	\$0.58
	Minneapolis, MN	Portland, OR	\$4,148	\$45.72	\$1.24
	St. Louis, MO	Houston, TX	\$2,145	\$23.64	\$0.64
	Chicago, IL	Albany, NY	\$1,861	\$20.51	\$0.56
	Chicago, IL	Richmond, VA	\$2,002	\$22.07	\$0.60
Corn	Minneapolis, MN	Portland, OR	\$3,600	\$39.68	\$1.01
	Chicago, IL	Baton Rouge, LA	\$2,510	\$27.67	\$0.70
	Council Bluffs, IA	Baton Rouge, LA	\$2,370	\$26.12	\$0.66
	Evansville, IN	Raleigh, NC	\$1,791	\$19.74	\$0.50
	Council Bluffs, IA	Stockton, CA	\$3,606	\$39.75	\$1.01
	Kansas City, MO	Dalhart, TX	\$1,965	\$21.66	\$0.55
	Columbus, OH	Raleigh, NC	\$1,700	\$18.74	\$0.48
Soybeans	Minneapolis, MN	Portland, OR	\$3,610	\$39.79	\$1.08
	Chicago, IL	Baton Rouge, LA	\$2,455	\$27.06	\$0.74
	Council Bluffs, IA	Baton Rouge, LA	\$2,315	\$25.52	\$0.69
	Evansville, IN	Raleigh, NC	\$1,791	\$19.74	\$0.54
	Chicago, IL	Raleigh, NC	\$2,391	\$26.36	\$0.72
<u>Shuttle Train*</u>					
Wheat	St. Louis, MO	Houston, TX	\$1,895	\$20.89	\$0.57
	Minneapolis, MN	Portland, OR	\$3,993	\$44.01	\$1.20
Corn	Fremont, NE	Houston, TX	\$2,665	\$29.38	\$0.75
	Minneapolis, MN	Portland, OR	\$3,450	\$38.03	\$0.97
Soybeans	Council Bluffs, IA	Houston, TX	\$2,785	\$30.70	\$0.84
	Minneapolis, MN	Portland, OR	\$3,410	\$37.59	\$1.02

*A unit train refers to shipments of at least 52 cars. Shuttle train rates are available for qualified shipments of more than 100 cars that meet railroad efficiency requirements.

**Approximate load per car = 100 short tons: corn 56 lbs./bu., wheat & soybeans 60 lbs./bu.

Sources: www.bnsf.com, www.cpr.ca, www.csx.com, www.uprr.com

Table 8--Tariff rail rates for U.S. bulk grain shipments to the U.S.-Mexico border

Effective date:						
4/4/2005	Origin state	Border crossing region	Train size	Rate/car ¹	Rate/metric ton	Rate/bushel**
Wheat	KS	Brownsville, TX	Shuttle	\$2,742	\$28.02	\$0.76
	ND	Eagle Pass, TX	Shuttle	\$5,426	\$55.44	\$1.51
	OK	El Paso, TX	Shuttle	\$2,155	\$22.02	\$0.60
	OK	El Paso, TX	Unit	\$2,241	\$22.90	\$0.62
	AR	Laredo, TX	Unit	\$2,165	\$22.12	\$0.60
	IL	Laredo, TX	Shuttle	\$2,970	\$30.35	\$0.83
	MT	Laredo, TX	Shuttle	\$5,691*	\$58.14	\$1.58
	TX	Laredo, TX	Shuttle	\$1,598*	\$16.33	\$0.44
	MO	Laredo, TX	Unit	\$2,678*	\$27.37	\$0.74
	WI	Laredo, TX	Unit	\$3,188	\$32.57	\$0.89
Corn	NE	Brownsville, TX	Shuttle	\$3,104	\$31.72	\$0.80
	NE	Brownsville, TX	Unit	\$3,537*	\$36.14	\$0.92
	IA	Eagle Pass, TX	Shuttle	\$3,334	\$34.07	\$0.86
	MO	Eagle Pass, TX	Shuttle	\$3,040*	\$31.06	\$0.79
	NE	Eagle Pass, TX	Shuttle	\$3,440*	\$35.15	\$0.89
	IA	Laredo, TX	Unit	\$3,225*	\$32.95	\$0.84
Soybean	IA	Brownsville, TX	Shuttle	\$2,880	\$29.43	\$0.80
	MN	Brownsville, TX	Shuttle	\$3,176	\$32.45	\$0.88
	NE	Brownsville, TX	Shuttle	\$2,688	\$27.47	\$0.75
	NE	Eagle Pass, TX	Shuttle	\$2,765	\$28.25	\$0.77
	IA	Laredo, TX	Unit	\$2,918	\$29.82	\$0.81

A unit train refers to shipments of at least 52 cars. Shuttle train are available for qualified shipments of more than 100 cars that meet railroad efficiency requirements.

¹Rates are based upon published tariff rates for high-capacity rail cars.

*High-capacity rate not available, rate estimated using published low-capacity tariff rate x 1.08

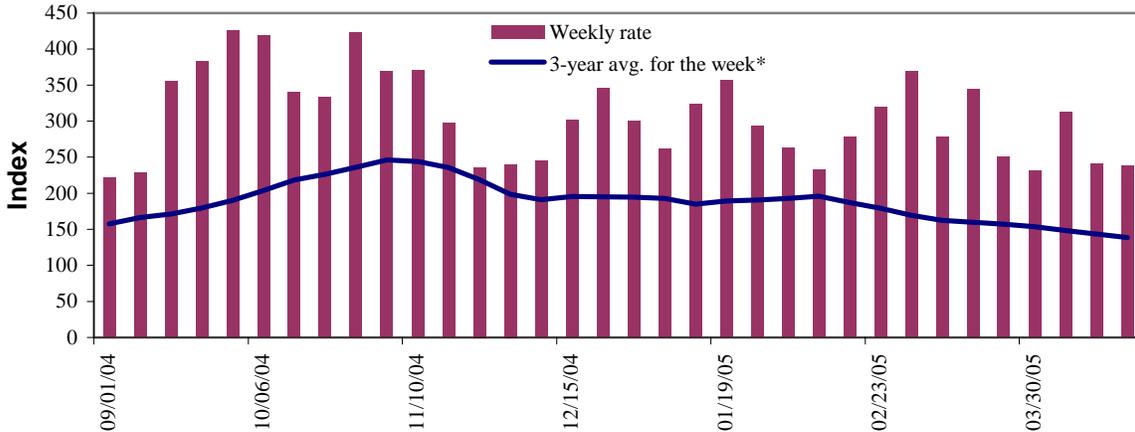
**Approximate load per car = 97.87 metric tons: Corn 56 lbs/bu, Wheat & Soybeans 60 lbs/bu

Sources: www.bnsf.com, www.uprr.com

Barge Transportation

Figure 5

Illinois River barge rate index - quotes



Note: Index = percent of tariff rate; *4-week moving average

Source: Transportation & Marketing Programs/AMS/USDA

The **Illinois River barge rate index** averaged 183 percent of the **benchmark tariff rates** between 1999 and 2001, based on weekly market quotes. The **index**, along with **rate quotes** and **futures market bids** are indicators of grain transport supply and demand.

Table 9--Barge rate quotes: southbound barge freight

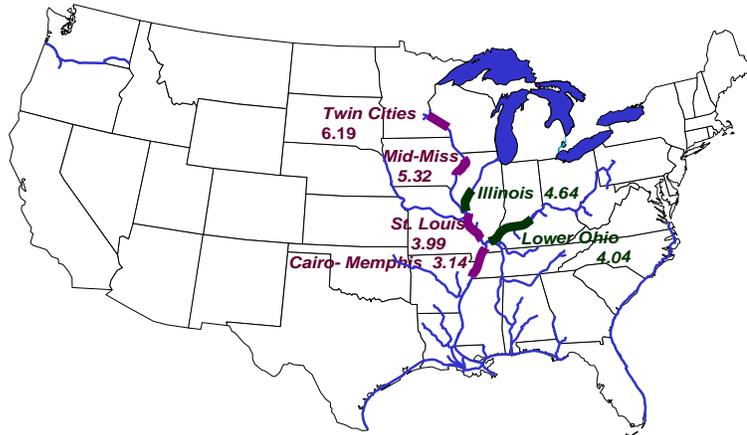
Location	4/20/2005	4/13/2005	May '05	July '05
Twin Cities	276	278	275	284
Mid-Mississippi	248	249	256	270
Illinois River	238	241	243	259
St. Louis	179	188	182	208
Lower Ohio	189	195	193	222
Cairo-Memphis	170	177	173	206

Index = percent of tariff, based on 1976 tariff benchmark rate

Source: Transportation & Marketing Programs/AMS/USDA

Figure 6

Benchmark tariff rates



Calculating barge rate per ton:

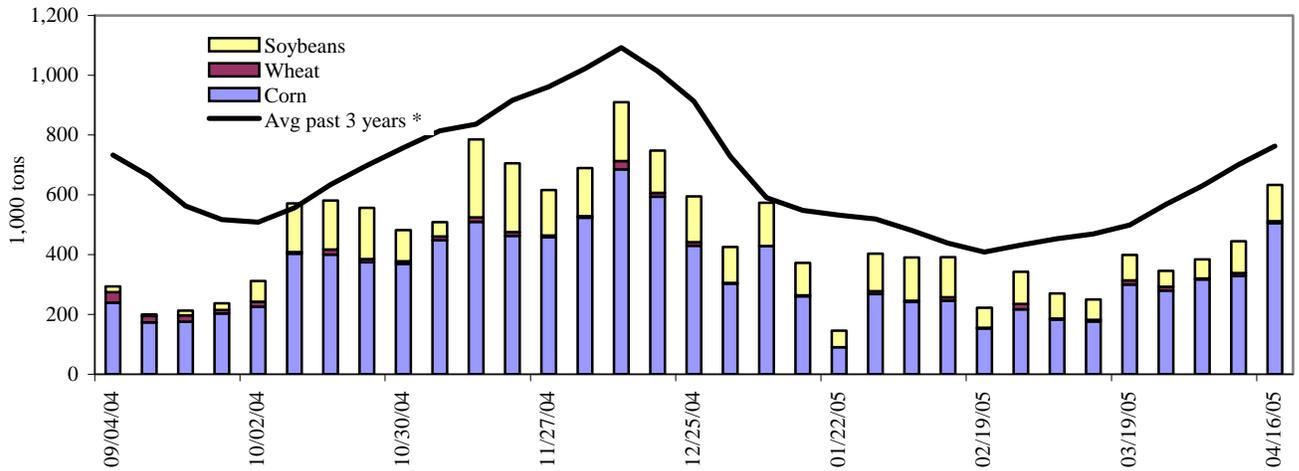
(Index * 1976 tariff benchmark rate per ton)/100

Select applicable index from market quotes included in tables on this page. The 1976 benchmark rates per ton are provided in map (see figure 6).

Note: The Illinois barge rate is for Beardstown, IL, La Grange Lock & Dam (L&D 8).

Figure 7

Barge movements on the Mississippi River (Locks 27 - Granite City, IL)



* 4-week moving average

Source: Transportation & Marketing Programs/AMS/USDA

Table 10--Barge grain movements (1,000 tons)

Week ending 4/16/2005	Corn	Wheat	Soybean	Other	Total
Mississippi River					
Rock Island, IL (L15)	53	0	54	0	107
Winfield, MO (L25)	207	6	97	5	315
Alton, IL (L26)	511	7	137	5	659
Granite City, IL (L27)	505	7	121	5	637
Illinois River (L8)	246	0	27	0	273
Ohio River (L52)	93	3	24	6	126
Arkansas River (L1)	0	6	4	0	10
2005 YTD	5,501	429	2,571	243	8,745
2004 YTD	6,607	765	1,847	266	9,486
2005 as % of 2004 YTD	83	56	139	91	92
Total 2004	26,235	2,701	6,784	843	36,563

YTD (year-to-date) and calendar year total includes Miss/27, Ohio/52, and Ark/1.

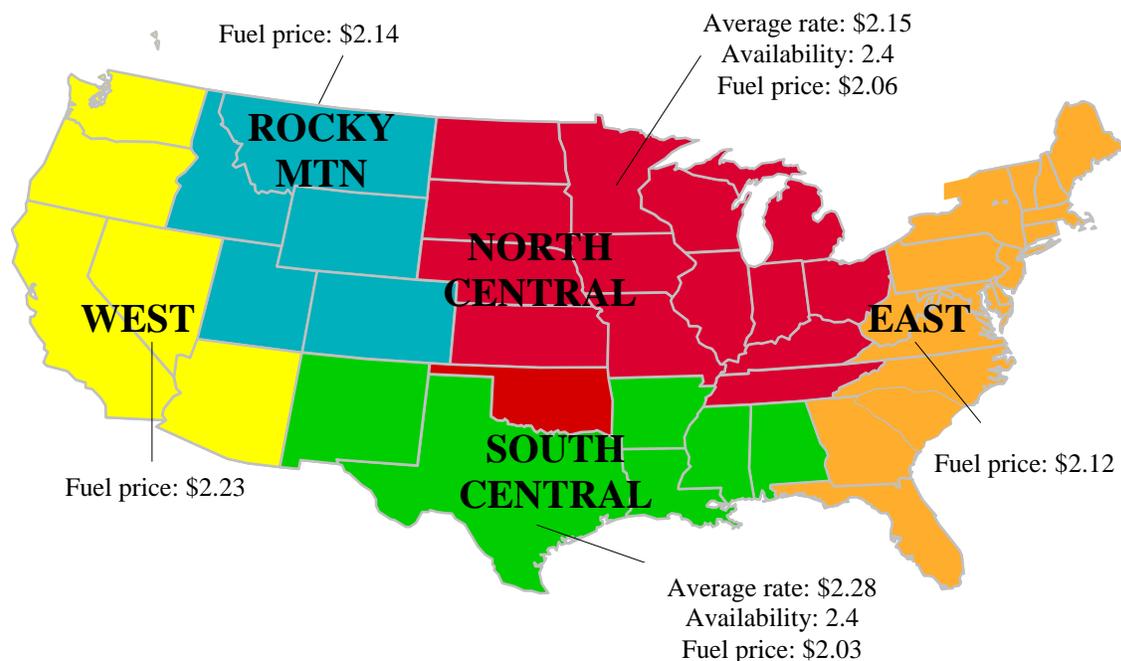
"Other" refers to oats, barley, sorghum, and rye.

Source: U.S. Army Corp of Engineers (www.mvr.usace.army.mil/mvrirmi/omni/webreports/default.asp)

Note: Total may not add exactly, due to rounding

Truck Transportation

Figure 8
U.S. grain truck market advisory, 4th quarter 2004*



*Average rate per loaded mile, based on truck rates for trips of 25, 100, and 200 miles

Note: Fuel prices are a quarterly average (unit per gallon)

Fuel price data source: Energy Information Administration, U.S. Department of Energy, www.eia.doe.gov

Table 11--U.S. grain truck market overview, 4th quarter 2004

Region/commodity*	25 miles	100 miles	200 miles	Truck availability	Truck activity	Future truck activity
	Rate per mile			Rating compared to same quarter last year		
				1=Very easy to 5=Very difficult	1=Much lower to 5=Much higher	
National average¹	2.89	1.94	1.75	2.5	3.2	2.9
North Central region²	2.75	1.97	1.74	2.4	3.5	3.0
Corn	3.03	1.95	1.88	2.1	3.6	3.0
Wheat	2.27	2.05	1.67	2.6	3.0	2.8
Soybean	2.94	1.88	1.97	1.9	3.4	2.8
South Central region²	3.03	1.95	1.86	2.4	2.6	2.3
Corn	3.06	1.97	1.82	2.3	2.5	2.3
Wheat	2.75	1.85	1.78	2.3	3.0	2.5
Soybean	3.39	2.21	2.11	1.5	2.3	2.3

Rates are based on trucks with 80,000 lb weight limit

*Commodity averages based on truck rates for top producing states based on National Agricultural Statistics Service/USDA

¹National average includes: AR, CO, IA, IL, IN, KS, LA, MN, MS, ND, NE, OH, OK, OR, SD, TX, and WA.

²Commodity rates per mile include the average of the top 3 producing states within the region.

Source: Transportation and Marketing Programs/AMS/USDA

The **weekly diesel price** provides a proxy for trends in U.S. truck rates. Diesel fuel is a significant expense for truck grain movements, accounting for 37 percent of the estimated variable cost.

Table 12--Retail on-highway diesel prices*, week ending 04/25/05 (US\$/gallon)

Region	Location	Price	Change from	
			Week ago	Year ago
I	East Coast	2.287	0.027	0.632
	New England	2.413	-0.005	0.658
	Central Atlantic	2.382	0.009	0.646
	Lower Atlantic	2.234	0.037	0.623
II	Midwest	2.230	0.036	0.560
III	Gulf Coast	2.231	0.051	0.597
IV	Rocky Mountain	2.371	-0.008	0.495
V	West Coast	2.549	-0.005	0.446
	California	2.570	-0.012	0.323
Total	U.S.	2.289	0.030	0.571

*Diesel fuel prices include all taxes.

Source: Energy Information Administration/U.S. Department of Energy (www.eia.doe.gov)

Grain Exports

Table 13--U.S. export balances (1,000 metric tons)

Week ending 1/	Wheat					All wheat	Corn	Soybeans	Total
	HRW	SRW	HRS	SWW	DUR				
4/14/2005	1,358	189	1,273	489	130	3,438	7,394	2,166	12,998
This week year ago	1,832	697	1,208	674	79	4,489	9,657	1,801	15,947
Cumulative exports-crop year 2/									
2004/05 YTD	8,364	3,076	6,928	4,386	604	23,357	28,200	25,484	77,041
2003/04 YTD	11,207	3,266	5,813	4,397	953	25,636	30,619	22,054	78,309
2004/05 as % of 2003/04	75	94	119	100	63	91	92	116	98
2003/04 Total	12,697	3,785	6,928	4,889	1,053	29,353	47,704	24,102	101,159
2002/03 Total	6,896	2,899	6,645	3,517	720	20,677	39,646	28,908	89,231

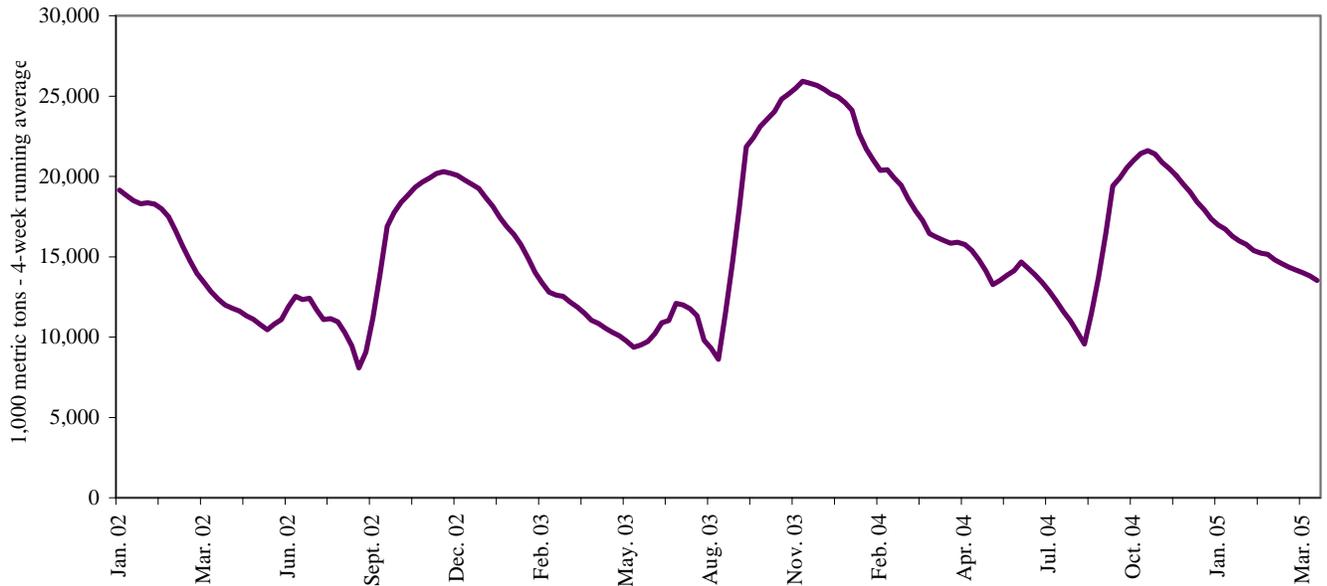
Note: YTD = year-to-date. Crop year: wheat = 6/01-5/31, corn & soybeans = 9/01-8/31, 1/ = Current outstanding unshipped export sales to date

2/ = New crop year in effect for corn and soybean sales

Source: Foreign Agricultural Service/USDA (www.fas.usda.gov)

Figure 9

U.S. grain, unshipped export balance, including wheat, corn, and soybean sales



Source: Foreign Agricultural Service/USDA (www.fas.usda.gov)

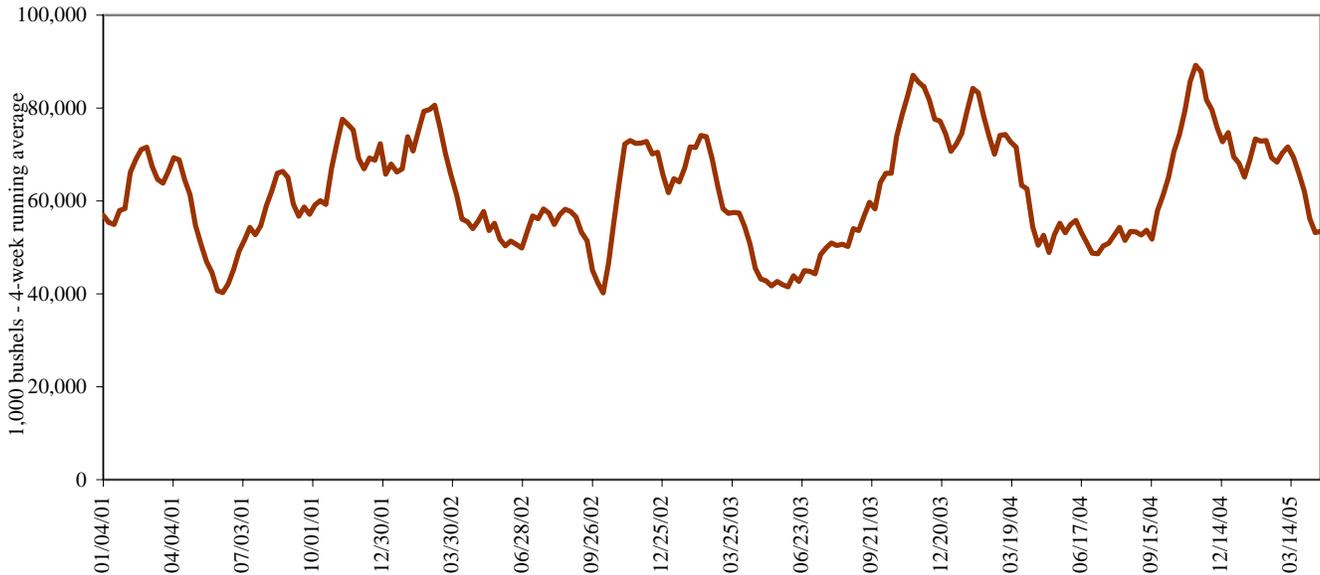
Table 14--Select U.S. port regions - grain inspections for export (1,000 metric tons)

Week ending	Pacific Region			Mississippi Gulf			Texas Gulf			Port Region total		
	Wheat	Corn	Soybeans	Wheat	Corn	Soybeans	Wheat	Corn	Soybeans	Pacific	Mississippi	Texas
04/21/05	222	236	136	76	536	229	194	0	0	594	841	194
2005 YTD	3,453	2,682	2,726	1,688	8,291	6,699	1,850	235	6	8,861	16,678	2,091
2004 YTD	3,481	3,115	1,639	2,192	10,467	5,357	3,256	44	7	8,235	18,016	3,307
2005 as % of 2004	99	86	166	77	79	125	57	537	86	108	93	63
2004 Total *	12,121	9,741	4,753	7,154	32,851	15,540	7,936	131	23	26,615	55,546	8,089

Source: Federal Grain Inspection Service/USDA (www.usda.gov/gipsa); YTD: year-to-date; * includes 53rd week

The United States exports approximately one-quarter of the grain it produces. On average, it includes nearly 45 percent of U.S.-grown wheat, 35 percent of U.S.-grown soybeans, and 20 percent of the U.S.-grown corn. Approximately 55 percent of these U.S. export grain shipments departed through the Mississippi Gulf region in 2004.

Figure 10
U.S. grain inspected for export (wheat, corn, and soybeans)



Source: Federal Grain Inspection Service/USDA (www.usda.gov/gipsa)

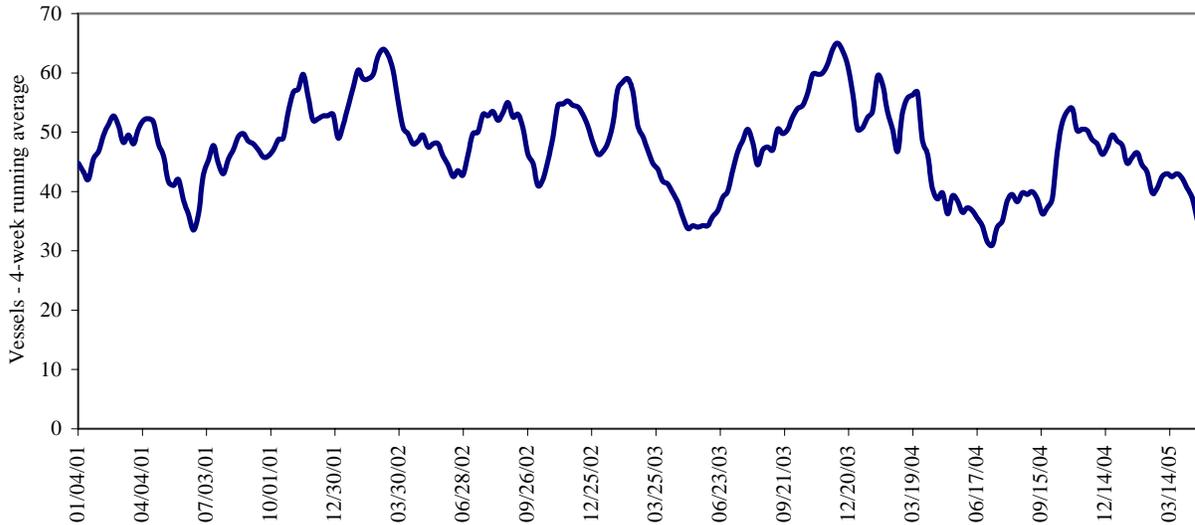
Ocean Transportation

Table 15--Weekly port region grain ocean vessel activity (number of vessels)

Date	Gulf			Pacific Northwest	Vancouver B.C.
	In port	Loaded 7-days	Due next 10-days	In port	In port
4/21/2005	26	37	33	6	4
4/14/2005	20	34	54	10	4
2004 range	(10..43)	(25..73)	(38..96)	(4..16)	(0..18)
2004 avg.	24	45	61	9	6

Source: Transportation & Marketing Programs/AMS/USDA

Gulf Port grain vessel loading (past 7 days, Figure 11)



Source: Transportation & Marketing Programs/AMS/USDA

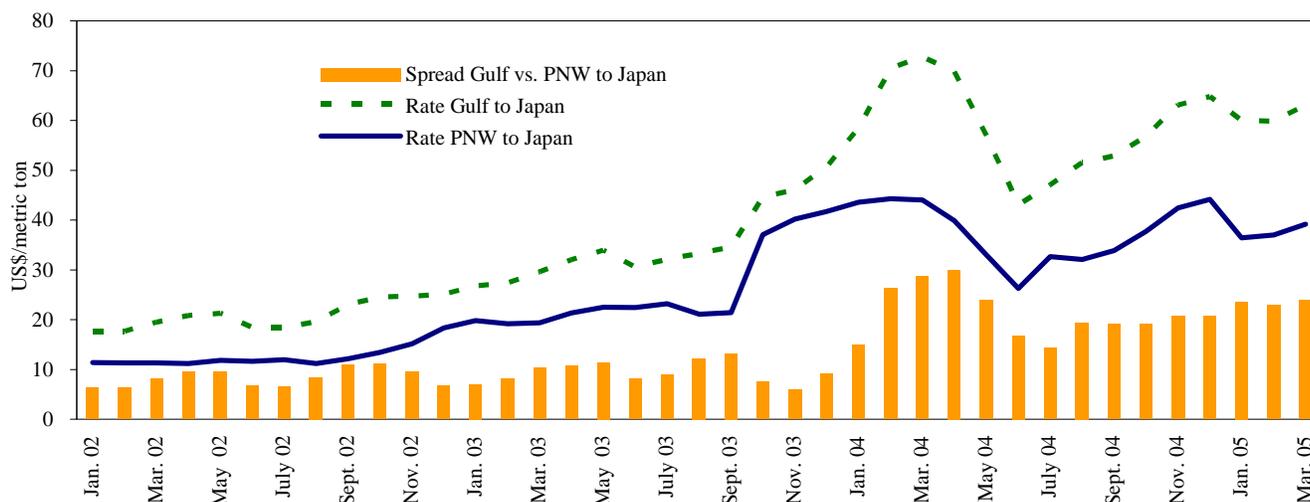
Table 16--Quarterly ocean freight rates (average rates & percentage changes) (US\$/metric ton)

Countries/ regions	2005 1st qtr	2004 1st qtr	Percent change	Countries/ regions	2005 1st qtr	2004 1st qtr	Percent change
Gulf to				Pacific NW to			
Japan	\$60.18	\$73.75	-18	Japan	---	---	---
China	\$57.50	\$46.63	23				
Taiwan	---	\$68.00	---	Argentina/Brazil to			
N. Africa	\$48.00	\$46.25	4	N. Africa	\$59.25	\$61.07	-3
Med. Sea	---	\$46.50	---	China	---	---	---

Source: Maritime Research, Inc. (www.maritime-research.com)

Figure 12

Grain vessel rates, U.S. to Japan



Source: Baltic Exchange (www.balticexchange.com)

Table 17--Ocean freight rates for selected shipments, week ending 04/23/05

Export region	Import region	Grain	Month	Volume loads (metric tons)	Freight rate (\$/metric ton)
U.S. Gulf	Mauritania	Wheat	Mar 7/17	8,750	69.75
U.S. Gulf	Algeria	Hvy Grain	Apr 25/30	25,000	65.00
U.S. Gulf	Haiti*	Wheat	May 11/21	8,300	85.77
U.S. Gulf	Honduras	Wheat	May 11/21	9,330	39.99
U.S. Gulf	Ethiopia	Wheat & Sorghum	Apr 21/1 May	43,700	77.00
PNW	Kenya	Wheatflour	Mar 5/15	34,000	74.00
River Plate	Poland	Hvy Grain	Apr 20/30	30,000	64.00
River Plate	Algeria	Wheat	Feb 5/15	25,000	59.50

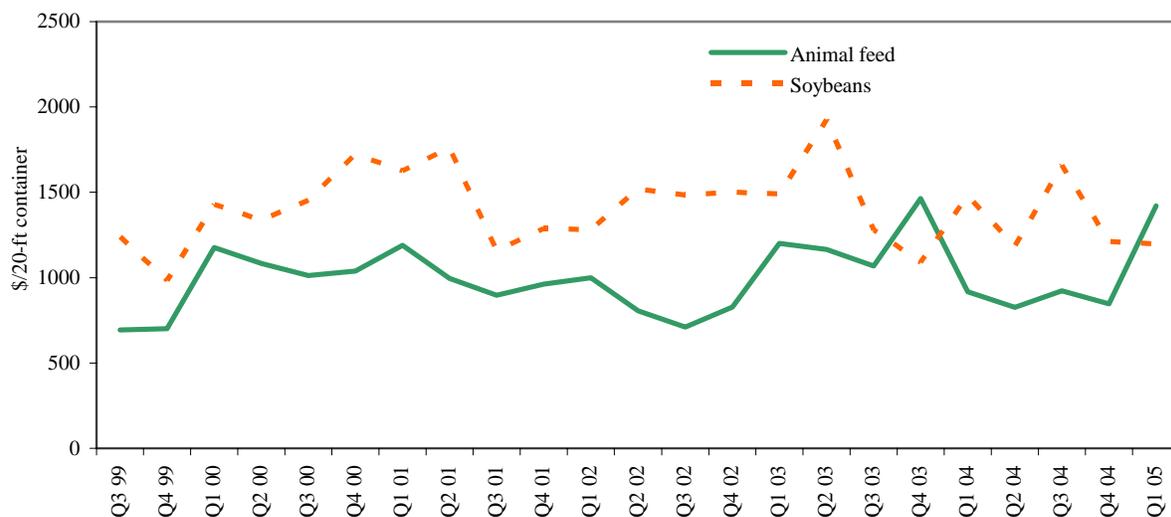
Rates shown are for metric ton (2,204.62 lbs. = 1 metric ton), F.O.B., except where otherwise indicates; op = option

*Most food aid from the United States is required to be shipped on U.S. flag vessels. The vessels are limited in availability resulting in higher rates. In addition, destinations receiving food aid generally lack adequate port unloading facilities, requiring the vessel to remain in port for a longer duration than normal.

Source: Maritime Research Inc. (www.maritime-research.com)

Figure 13

Weighted average rates¹ for containerized shipments of animal feed and soybeans to selected Asian countries



¹Animal Feed: Busan-Korea (22%), Kaohsiung-Taiwan (28%), Tokyo-Japan (38%), Hong Kong (9%), Bangkok-Thailand (3%) and soybeans: Busan-Korea (1%), Keelung-Taiwan (81%), Tokyo-Japan (12%), Bangkok-Thailand (4%), Hong Kong (1%) Quarter 1, 2005.

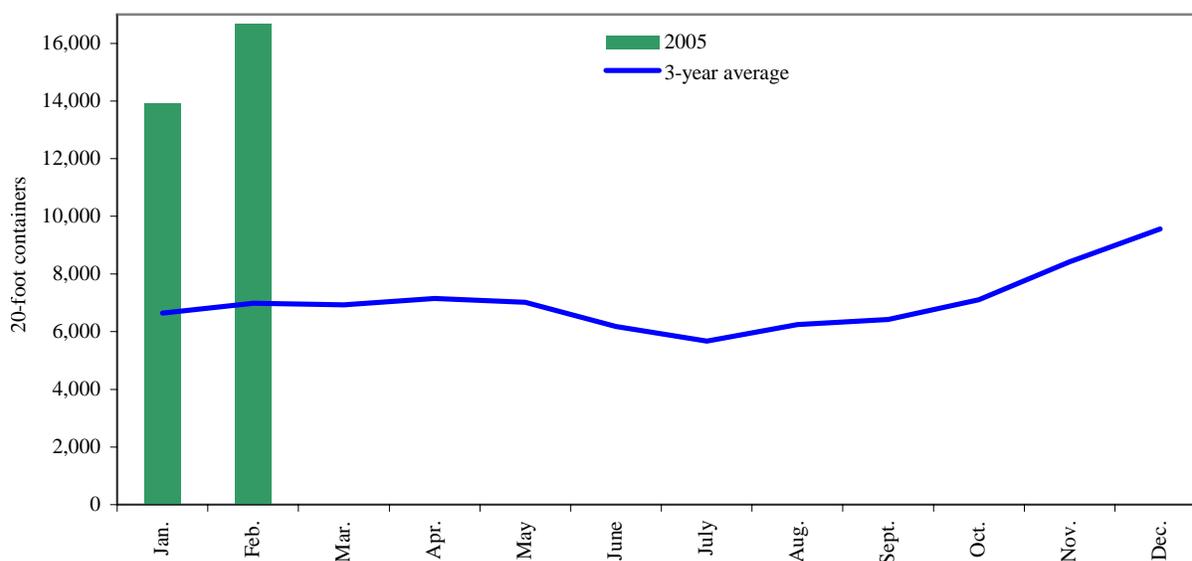
Source: Ocean Rate Bulletin, Transportation & Marketing Programs/AMS/USDA

Container ocean freight rates – average rate per twenty-foot equivalent unit (TEU) weighted by shipping line market share and trade route.

The percentage of U.S. grain exported in containers was 3 percent in 2004.

Figure 14

Monthly shipments of containerized grain to Asia for 2005 compared with a 3-year average



Source: Port Import Export Reporting Service (PIERS), *Journal of Commerce*

Note: PIERS data is available with a lag of approximately 40 days

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Related Websites

Agricultural Container Indicators
Ocean Rate Bulletin

<http://www.ams.usda.gov/tmd2/agci/>
<http://www.ams.usda.gov/tmd/Ocean/index.asp>

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