Excess Supply

- Corn - U.S.
- Soybeans - U.S.
- Corn & Soybeans - International

Soybeans Ex-Supply and Ex-Demand

Corn Ex-Supply and Ex-Demand

Prices

Corn, U.S.

Soybeans, U.S.

EPA Charges/Fees for Grain Storage and Handling, 2008

Estimated Charges Moving Grain via Duluth and Toledo to Montreal for Export

Description of Project Data

CORN & SOYBEAN EXCESS SUPPLY & DEMAND

Domestic corn and soybean excess supply and demand (surplus/deficit) is obtained for each crop reporting district (CRD). Since many states have common CRD enumeration system, each CRD is assigned a unique number for identification purposes. The Surplus/deficit regions are identified as the difference between total supply minus total usage and ending stock (in bushels). The total supply is the sum of stock of corn or soybeans in the beginning of 2007-08 marketing year (Sep 07) and total production within a CRD. The total usage is comprised of (1) seed use, (2) consumption for feed purposes, and (3) consumption for food, alcohol, and industrial use (or use for crushing purposes if it's soybeans). The ending stock is the corn or soybeans on hand in the end of 2007-08 marketing year (Aug 08).

Seed used by each CRD is obtained as the total national seed use times the CRD's share in the total national planted acreage of corn or soybeans. Corn consumption for food, alcohol, and industrial use is obtained as the aggregate corn utilization of wet and dry corn millers (for food, alcohol, and ethanol production) within each CRD. Soybean consumption by soybean crushers in each CRD is obtained as state crush estimates times the CRD's share in total state crushing and capacity utilization. The capacity utilization estimates are obtained from company websites, industry experts, and other publicly available data. The feed estimates for corn are based on per animal consumption of corn for each type of animal and number of animals in each CRD. The same estimates are used in the 2003-04 project. All data are obtained from USDA website.

CORN & SOYBEANS PRICES

Domestic CRD level quarterly per-bushel corn and soybean prices are obtained as the quarterly average of county level PCP rates. The county level PCP rates are obtained from FSA's archived LDP & PCP rates data set.

Argentine quarterly FOB prices (USD/metric ton) for corn and soybeans are obtained from the official website of Argentinean ministry of agriculture. Brazilian quarterly weighted average FOB port soybean prices (USD/MT) are obtained as the weighted average soybean prices of major export regions times the weighted average transportation charges. The data is obtained from USDA, AMS report: "Soybean Transportation Guide: Brazil 2008." Brazilian quarterly FOB corn prices (USD/MT) are obtained averaging monthly rates and converting them into US dollars. Data is obtained from GAIN Report # BR9611.

DISTANCE DATA

Distance data contains distance matrices (in miles) for domestic, Canadian, and Mexican truck/railroad movements and distance matrix (in nautical miles) for port locations for international shipments. Truck/rail distance matrix for domestic movements is for

distances between CRD centers and provided by Dr. Vadali from Texas Transportation Institute. This distance matrix is applied for both domestic truck and rail movements. However, for grain movements, trucking alternative is considered up to a distance of about 400 miles and above that mileage is not practical and economically feasible for large shipments. Trucking distance data for Mexico reflects the driving distance between cities of five major corn and soybeans excess demand regions and the major port location city of Veracruz.

Two separate distance matrices for port locations are constructed for corn and soybeans. Corn port distance matrix connects five US and other six foreign excess supply regions with sixteen foreign excess demand regions. Whereas, soybean port distance matrix connects five US and other five foreign excess supply regions with sixteen foreign excess demand regions. The port distance data is obtained from World Ports Distances Calculator (http://www.distances.com).

HANDLING CHARGES

The handling charges include elevator's grain receipts and shipment fees in domestic excess supply regions, domestic and foreign storage charges, loading and unloading charges for truck and rail shipments at domestic barge locations, loading and unloading charges at domestic and foreign port locations. All the charges are USD per metric ton. The data is obtained from publicly available sources and the industry expert estimates. Note, if we calculate an excess supply equation for an exporting country/region using the Port FOB price (free on-board vessel price), then there is no need to add the above charges since they should be reflected in the Port FOB price.

RAIL RATES

Annual STB waybill data sets for 2007 and 2008 are used for the calculation of rail rates. For each commodity, transportation corridors are selected which has a high volume of commodity movements between two specific geographic regions. For example, corn route 3 reflects a high volume of corn movement between Illinois (and part of Indiana) and Gulf Coast. Quarterly rates (US$/ShortTon-Mile) are calculated as the arithmetic average of rail rates (US$/ShortTon-Mile) within quarter and within corridor. Quarterly rates for unit train shipments are calculated as the arithmetic average of rail rates (for shipments equal to or greater than fifty rail cars) within quarter and within corridor. These rates are usually lower than non-unit-train shipment rates. The movements that do not belong to any corridor are pooled into "all other" category and the quarterly average rates are calculated for three distinct distance categories – 100-500 miles, 501-1000 miles, and over 1000 miles. Each CRD is assigned a unique identification number (UIN).

ELASTICITIES

Initially, it was planned that FAPRI domestic and foreign elasticity estimates to be used for corn and soybeans for the crop year of 2007-08. However, it is believed that the new elasticity estimates for 2007-08 crop year lack sufficient econometric justification. Therefore, we decided to use the 2004-05 long-run excess supply and demand estimates for both domestic and foreign excess supply and demand regions.

Domestic corn and soybean elasticity estimates are calculated for each CRD or in some circumstances for a group of CRDs. Foreign elasticity estimates are calculated for a specific country if it is a major importing or exporting country and for a group of countries otherwise. For example, major corn importing countries like Japan, Korea, and Mexico have country specific elasticity estimates and non-major importing/exporting countries pooled into broader geographic region.

BARGE RATES

Barge rate matrix contains barge rates (US$/short ton) from thirty-three origin barge locations (mostly along the Mississippi River) to seven major barge destination locations – New Orleans (LA), Florence (AL), Huntsville (AL), Knoxville (TN), Memphis (TN), Nashville (TN), and Chattanooga (TN). Rates are based on weekly spot barge tariff rates per short ton and the quarterly barge rates are calculated as the arithmetic mean of the weekly rates. Since the weekly spot barge rates report does not cover low-volume small reviver origin and destination points, the rate estimates between those origin-destination pairs are obtained from private consultants and industry expert estimates.

Domestic Location Names

This table contains the list of location names used in the model and their geographic locations.

There are 303 crop reporting districts (CRD) within the continental US. Each CRD has a unique number within the state (i.e. CRD 10, CRD 20, etc.).

However, at national level, CRD names are not unique. For example, states of Alabama and Arkansas may have a CRD 10 in each state.

Therefore, each CRD is assigned a unique location name. For example, location name corresponding to CRD 10 in the state of Alabama is "AL_CRD10".

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
1	ALABAMA	10	AL_CRD10
2		20	AL_CRD20
3		30	AL_CRD30
4		40	AL_CRD40
5		50	AL_CRD50
6		60	AL_CRD60
7	ARIZONA	10	AZ_CRD10
8		80	AZ_CRD80
9	ARKANSAS	10	AR_CRD10
10		20	AR_CRD20
11		30	AR_CRD30
12		40	AR_CRD40
13		50	AR_CRD50
14		60	AR_CRD60
15		70	AR_CRD70
16		80	AR_CRD80
17		90	AR_CRD90
18	CALIFORNIA	10	CA_CRD10
19		20	CA_CRD20
20		30	CA_CRD30
21		40	CA_CRD40
22		50	CA_CRD50
23		51	CA_CRD51
24		60	CA_CRD60
25		80	CA_CRD80
26	COLORADO	10	CO_CRD10
27		20	CO_CRD20
28		60	CO_CRD60
29		70	CO_CRD70
30		80	CO_CRD80
31		90	CO_CRD90
32	CONNECTICUT	10	CT_CRD10
33	DELAWARE	20	DE_CRD20
34		50	DE_CRD50

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
35		80	DE_CRD80
36	FLORIDA	10	FL_CRD10
37		30	FL_CRD30
38		50	FL_CRD50
39		80	FL_CRD80
40	GEORGIA	10	GA_CRD10
41		20	GA_CRD20
42		30	GA_CRD30
43		40	GA_CRD40
44		50	GA_CRD50
45		60	GA_CRD60
46		70	GA_CRD70
47		80	GA_CRD80
48		90	GA_CRD90
49	IDAHO	10	ID_CRD10
50		70	ID_CRD70
51		80	ID_CRD80
52		90	ID_CRD90
53	ILLINOIS	10	IL_CRD10
54		20	IL_CRD20
55		30	IL_CRD30
56		40	IL_CRD40
57		50	IL_CRD50
58		60	IL_CRD60
59		70	IL_CRD70
60		80	IL_CRD80
61		90	IL_CRD90
62	INDIANA	10	IN_CRD10
63		20	IN_CRD20
64		30	IN_CRD30
65		40	IN_CRD40
66		50	IN_CRD50
67		60	IN_CRD60
68		70	IN_CRD70
69		80	IN_CRD80
70		90	IN_CRD90
71	IOWA	10	IA_CRD10
72		20	IA_CRD20
73		30	IA_CRD30
74		40	IA_CRD40
75		50	IA_CRD50
76		60	IA_CRD60
77		70	IA_CRD70
78		80	IA_CRD80
79		90	IA_CRD90
80	KANSAS	10	KS_CRD10

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
81		20	KS_CRD20
82		30	KS_CRD30
83		40	KS_CRD40
84		50	KS_CRD50
85		60	KS_CRD60
86		70	KS_CRD70
87		80	KS_CRD80
88		90	KS_CRD90
89	KENTUCKY	10	KY_CRD10
90		20	KY_CRD20
91		30	KY_CRD30
92		40	KY_CRD40
93		50	KY_CRD50
94		60	KY_CRD60
95	LOUISIANA	10	LA_CRD10
96		20	LA_CRD20
97		30	LA_CRD30
98		40	LA_CRD40
99		50	LA_CRD50
100		60	LA_CRD60
101		70	LA_CRD70
102		80	LA_CRD80
103		90	LA_CRD90
104	MAINE	10	ME_CRD10
105		20	ME_CRD20
106		30	ME_CRD30
107	MARYLAND	10	MD_CRD10
108		20	MD_CRD20
109		30	MD_CRD30
110		80	MD_CRD80
111		90	MD_CRD90
112	MASSACHUSETTS	10	MA_CRD10
113	MICHIGAN	10	MI_CRD10
114		20	MI_CRD20
115		30	MI_CRD30
116		40	MI_CRD40
117		50	MI_CRD50
118		60	MI_CRD60
119		70	MI_CRD70
120		80	MI_CRD80
121		90	MI_CRD90
122	MINNESOTA	10	MN_CRD10
123		20	MN_CRD20
124		30	MN_CRD30
125		40	MN_CRD40
126		50	MN_CRD50

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
127		60	MN_CRD60
128		70	MN_CRD70
129		80	MN_CRD80
130		90	MN_CRD90
131	MISSISSIPPI	10	MS_CRD10
132		20	MS_CRD20
133		30	MS_CRD30
134		40	MS_CRD40
135		50	MS_CRD50
136		60	MS_CRD60
137		70	MS_CRD70
138		80	MS_CRD80
139		90	MS_CRD90
140	MISSOURI	10	MO_CRD10
141		20	MO_CRD20
142		30	MO_CRD30
143		40	MO_CRD40
144		50	MO_CRD50
145		60	MO_CRD60
146		70	MO_CRD70
147		80	MO_CRD80
148		90	MO_CRD90
149	MONTANA	10	MT_CRD10
150		20	MT_CRD20
151		30	MT_CRD30
152		50	MT_CRD50
153		70	MT_CRD70
154		80	MT_CRD80
155		90	MT_CRD90
156	NEBRASKA	10	NE_CRD10
157		20	NE_CRD20
158		30	NE_CRD30
159		50	NE_CRD50
160		60	NE_CRD60
161		70	NE_CRD70
162		80	NE_CRD80
163		90	NE_CRD90
164	NEVADA	10	NV_CRD10
165		30	NV_CRD30
166		80	NV_CRD80
167	NEW HAMPSHIRE	10	NH_CRD10
168	NEW JERSEY	20	NJ_CRD20
169		50	NJ_CRD50
170		80	NJ_CRD80
171	NEW MEXICO	10	NM_CRD10
172		30	NM_CRD30

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
173		70	NM_CRD70
174		90	NM_CRD90
175	NEW YORK	20	NY_CRD20
176		30	NY_CRD30
177		40	NY_CRD40
178		50	NY_CRD50
179		60	NY_CRD60
180		70	NY_CRD70
181		80	NY_CRD80
182		90	NY_CRD90
183		91	NY_CRD91
184	NORTH CAROLINA	10	NC_CRD10
185		20	NC_CRD20
186		40	NC_CRD40
187		50	NC_CRD50
188		60	NC_CRD60
189		70	NC_CRD70
190		80	NC_CRD80
191		90	NC_CRD90
192	NORTH DAKOTA	10	ND_CRD10
193		20	ND_CRD20
194		30	ND_CRD30
195		40	ND_CRD40
196		50	ND_CRD50
197		60	ND_CRD60
198		70	ND_CRD70
199		80	ND_CRD80
200		90	ND_CRD90
201	OHIO	10	OH_CRD10
202		20	OH_CRD20
203		30	OH_CRD30
204		40	OH_CRD40
205		50	OH_CRD50
206		60	OH_CRD60
207		70	OH_CRD70
208		80	OH_CRD80
209		90	OH_CRD90
210	OKLAHOMA	10	OK_CRD10
211		20	OK_CRD20
212		30	OK_CRD30
213		40	OK_CRD40
214		50	OK_CRD50
215		60	OK_CRD60
216		70	OK_CRD70
217		80	OK_CRD80
218		90	OK_CRD90

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
219	OREGON	10	OR_CRD10
220		20	OR_CRD20
221		30	OR_CRD30
222		70	OR_CRD70
223		80	OR_CRD80
224	PENNSYLVANIA	10	PA_CRD10
225		20	PA_CRD20
226		30	PA_CRD30
227		40	PA_CRD40
228		50	PA_CRD50
229		60	PA_CRD60
230		70	PA_CRD70
231		80	PA_CRD80
232		90	PA_CRD90
233	RHODE ISLAND	10	RD_CRD10
234	SOUTH CAROLINA	10	SC_CRD10
235		20	SC_CRD20
236		30	SC_CRD30
237		40	SC_CRD40
238		50	SC_CRD50
239		80	SC_CRD80
240	SOUTH DAKOTA	10	SD_CRD10
241		20	SD_CRD20
242		30	SD_CRD30
243		40	SD_CRD40
244		50	SD_CRD50
245		60	SD_CRD60
246		70	SD_CRD70
247		80	SD_CRD80
248		90	SD_CRD90
249	TENNESSEE	10	TN_CRD10
250		20	TN_CRD20
251		30	TN_CRD30
252		40	TN_CRD40
253		50	TN_CRD50
254		60	TN_CRD60
255	TEXAS	11	TX_CRD11
256		12	TX_CRD12
257		21	TX_CRD21
258		22	TX_CRD22
259		30	TX_CRD30
260		40	TX_CRD40
261		51	TX_CRD51
262		52	TX_CRD52
263		60	TX_CRD60
264		70	TX_CRD70

DOMESTIC LOCATIONS

#	STATE	CRD	LOCATION NAME
265		81	TX_CRD81
266		82	TX_CRD82
267		90	TX_CRD90
268		96	TX_CRD96
269		97	TX_CRD97
270	UTAH	10	UT_CRD10
271		50	UT_CRD50
272		60	UT_CRD60
273		70	UT_CRD70
274	VERMONT	10	VT_CRD10
275	VIRGINIA	20	VA_CRD20
276		40	VA_CRD40
277		50	VA_CRD50
278		60	VA_CRD60
279		70	VA_CRD70
280		80	VA_CRD80
281		90	VA_CRD90
282	WASHINGTON	10	WA_CRD10
283		20	WA_CRD20
284		30	WA_CRD30
285		50	WA_CRD50
286		90	WA_CRD90
287	WEST VIRGINIA	20	WV_CRD20
288		40	WV_CRD40
289		60	WV_CRD60
290	WISCONSIN	10	WI_CRD10
291		20	WI_CRD20
292		30	WI_CRD30
293		40	WI_CRD40
294		50	WI_CRD50
295		60	WI_CRD60
296		70	WI_CRD70
297		80	WI_CRD80
298		90	WI_CRD90
299	WYOMING	10	WY_CRD10
300		20	WY_CRD20
301		30	WY_CRD30
302		40	WY_CRD40
303		50	WY_CRD50

Biofuels Industry Overview

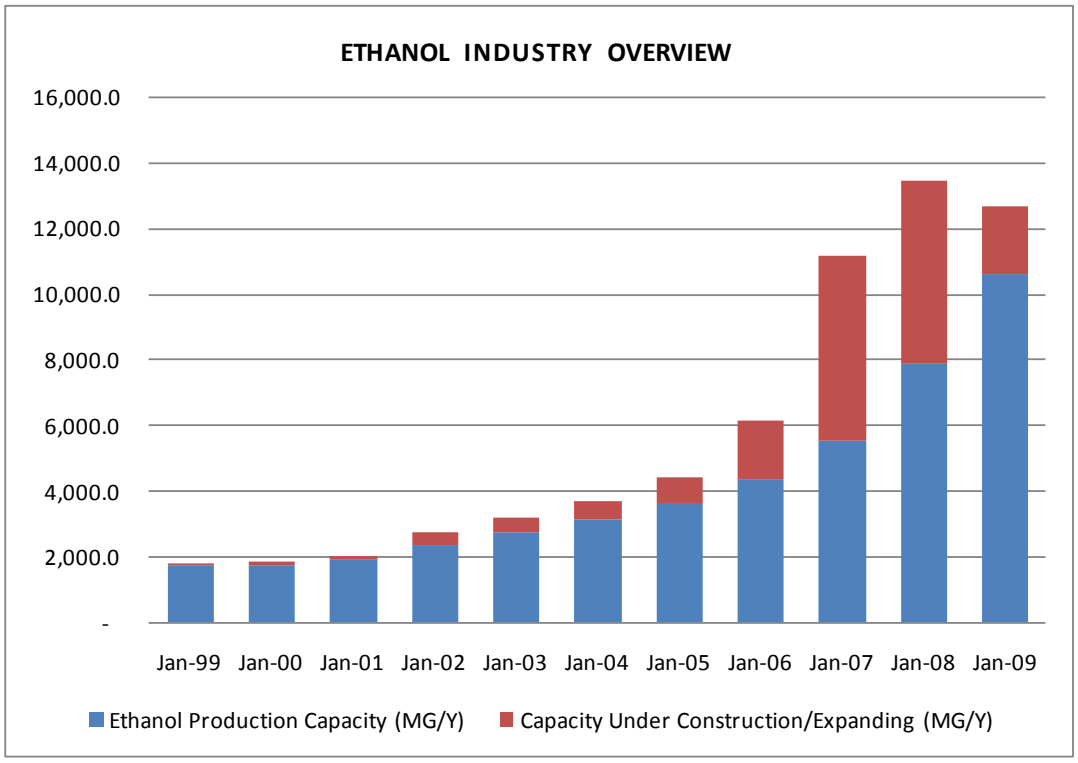

Figure 1: Ethanol Industry Overview

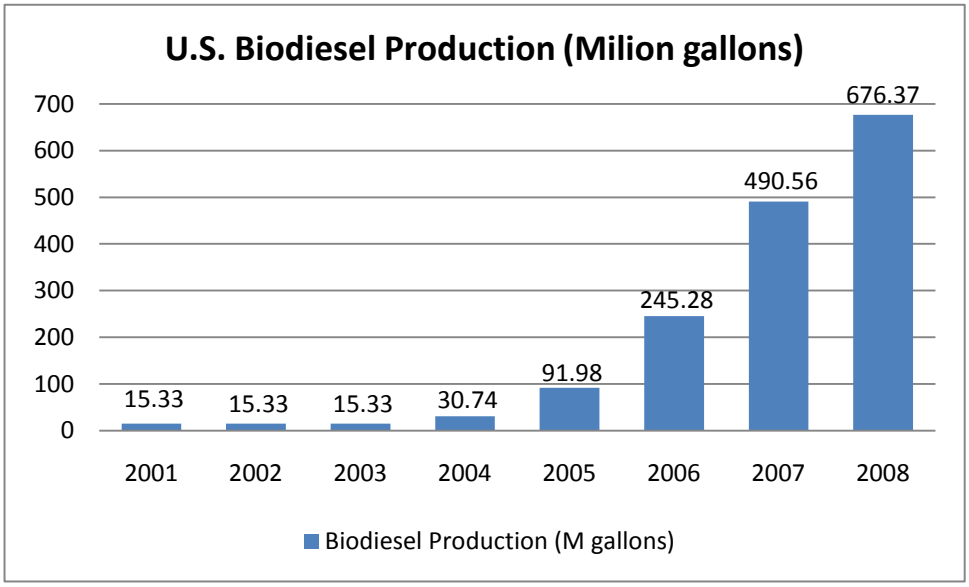

Figure 2: Annual U.S. Biodiesel Production

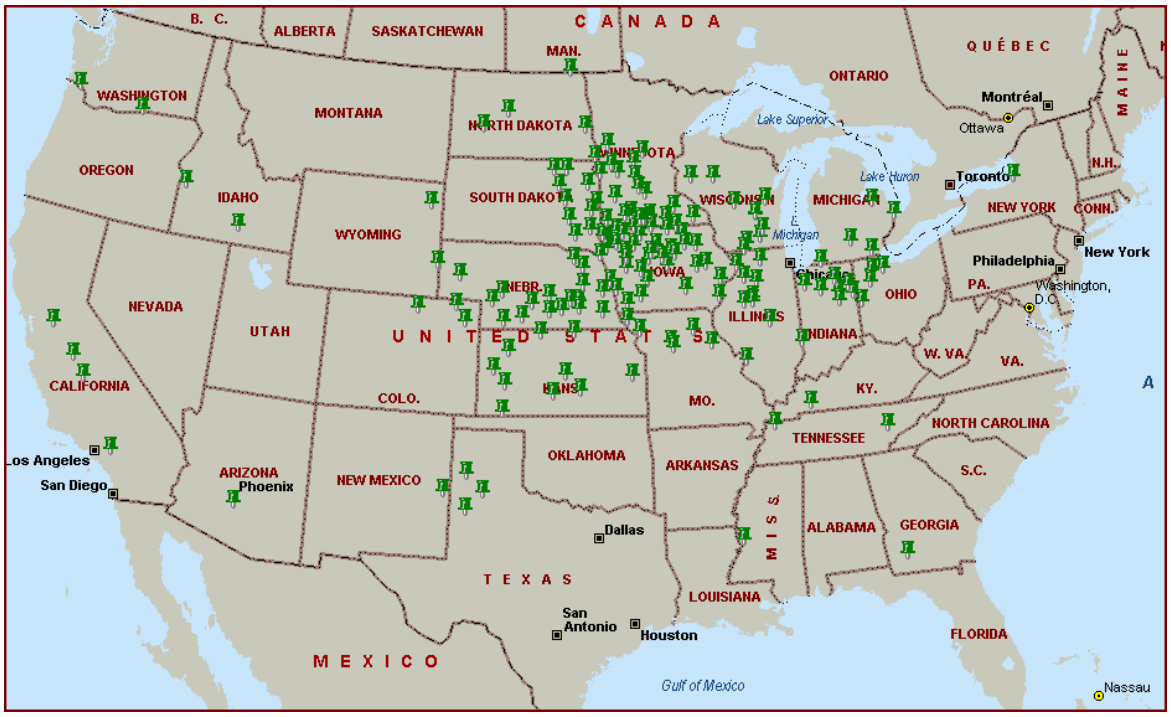

Figure 3: Map of U.S. Ethanol plants (as of April 13, 2009)

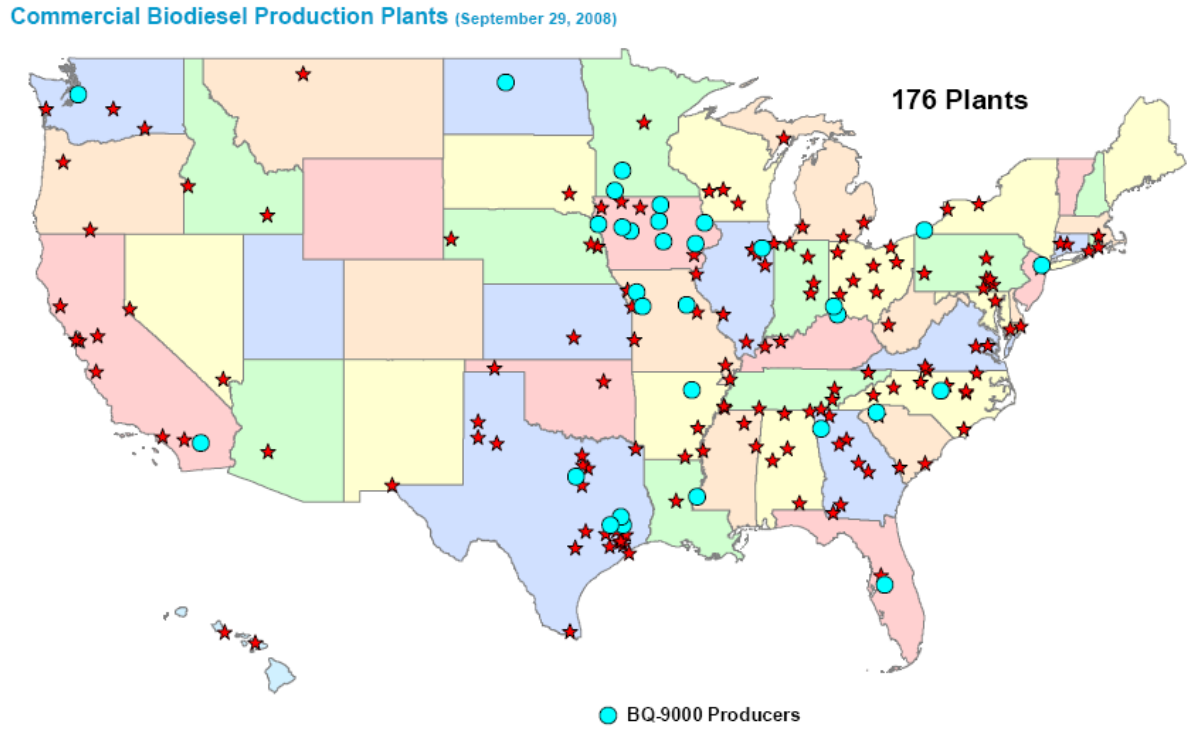

Figure 4: Commercial Biodiesel Plants (as of September 29, 2008)

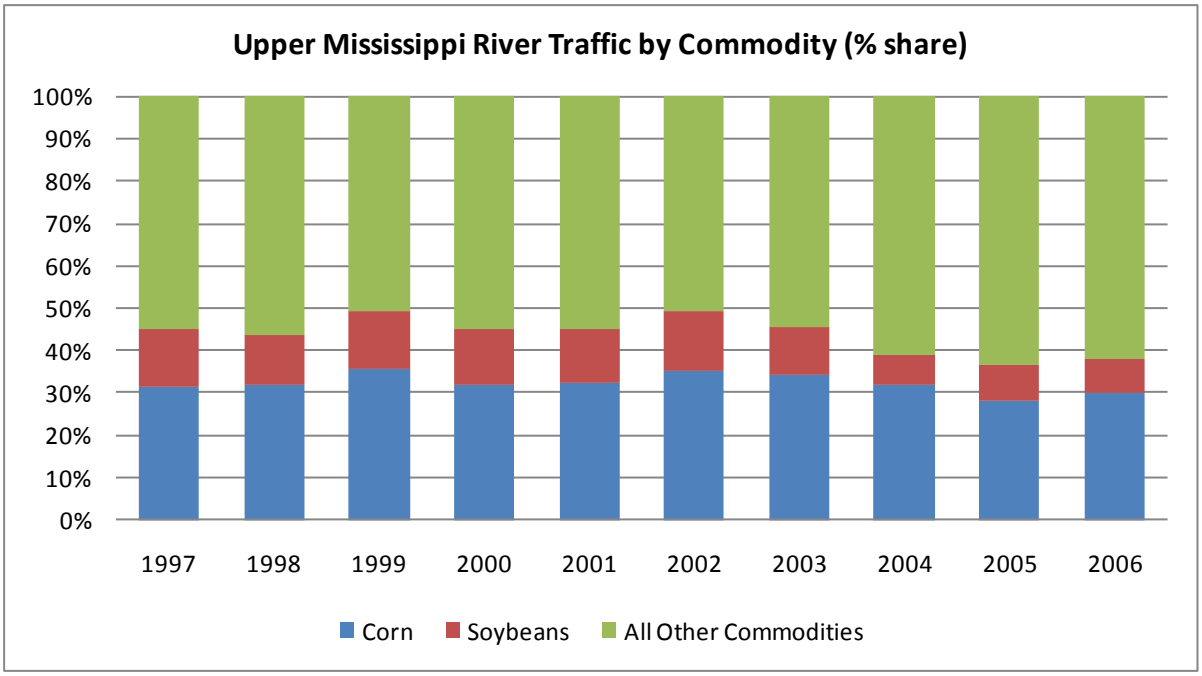

Figure 5: Upper Mississippi River, Minneapolis, MN to Mouth of Missouri River

Table 1: Ethanol Industry Overview

Year	Jan-00	Jan-01	Jan-02	Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08	Jan-09
Total Ethanol Plants	54	56	61	68	72	81	95	110	139	170
Ethanol Production Capacity (M G/Y)	1,748.7	1,921.9	2,347.3	2,706.8	3,100.8	3,643.7	4,336.4	5,493.4	7,888.4	10,569.4
Percent Change in Production Capacity	3%	10%	22%	15%	15%	18%	19%	27%	44%	34%
Plants Under Const-ruction/ Expanding	6	5	13	11	15	16	31	76	61	24
Capacity Under Construction (M G/Y)	91.5	64.7	390.7	483.0	598.0	754.0	1,778.0	5,635.5	5,536.0	2,066.0
States with Ethanol Plants	17	18	19	20	19	18	20	21	21	26

Table 2: Annual U.S. Biofuels Production

Year	Unit	2001	2002	2003	2004	2005	2006	2007	2008
Fuel Ethanol Production	M G /Y	1,762.95	2,146.20	2,805.39	3,397.21	3,909.15	4,890.27	6,497.40	9,238.57
Per cent Increase in Ethanol Production	%	8%	22%	31%	21%	15%	25%	33%	42%
Biodiesel Production	M G /Y	15.33	15.33	15.33	30.74	91.98	245.28	490.56	676.37
Per cent Increase in Biodiesel Production	%		0%	0%	101%	199%	167%	100%	38%

Note: The table is modified from its original format at EIA website

Table 3: Corn and Soybean Production in eight Midwestern States, 2007 - 08 MY

	States	Corn Prod M/bushel	Soybean Prod M/bushel
1	Illinois	2,283.8	354.3
2	Indiana	987.4	212.9
3	Iowa	2,368.4	443.6
4	Minnesota	1,136.9	254.9
5	Nebraska	1,472.0	192.5
6	Ohio	541.5	196.2
7	South Dakota	544.5	135.0
8	Wisconsin	442.8	52.4
	Midwest TOTAL	**9,777.1**	**1,841.9**
	Percent of U.S. Total	75%	71%
	U.S. TOTAL	**13,069.0**	**2,585.2**

Table 4: U.S. Fuel Ethanol Production Capacity by State (as of Dec 07 and Mar 09)

	States	Prod cap M G, Dec 07	Prod cap M bu, Dec 07	Prod cap M G, Mar 09	Prod cap M bu, Mar 09
1	Illinois	881.0	325.5	1,233.0	455.5
2	Indiana	467.0	172.5	697.0	257.5
3	Iowa	1,979.0	731.1	2,866.0	1,058.7
4	Minnesota	604.6	223.3	837.6	309.4
5	Nebraska	1,143.5	422.4	1,001.0	369.8
6	Ohio	65.0	24.0	246.0	90.9
7	South Dakota	767.0	283.3	906.0	334.7
8	Wisconsin	278.0	102.7	498.0	184.0
	Midwest TOTAL	**6,185.1**	**2,284.9**	**8,285.0**	**3,060.0**
	Percent of U.S. Total	**83%**	**83%**	**80%**	**80%**
	U.S. TOTAL	**7,415.4**	**2,739.3**	**10,358**	**3,827**

Table 5: Upper Mississippi River, Minneapolis, MN to Mouth of Missouri River

Year	Corn (M s t)	Corn (M bu)	Soybean (M s t)	Soybean (M bu)	All Other Commodities (M s t)	UMR Total (M s t)
1997	24.6	879.4	10.5	348.6	42.8	77.8
1998	25.6	913.4	9.1	304.8	44.9	79.6
1999	30.7	1,096.1	11.4	381.3	43.5	85.7
2000	26.4	943.4	11.2	375.0	45.6	83.3
2001	25.5	912.0	9.9	330.8	43.3	78.8
2002	29.8	1,064.1	11.7	389.1	42.6	84.1
2003	26.6	950.5	8.9	297.3	42.3	77.8
2004	23.3	833.3	5.1	169.5	44.9	73.3
2005	19.3	689.6	5.9	195.4	43.8	68.9
2006	21.3	760.0	5.8	191.7	44.3	71.3

Table 7: The EPAct 2005 RFS Provisions

Year	Applicable Volume of Renewable Fuel (B gal)
2006	4.0
2007	4.7
2008	5.4
2009	6.1
2010	6.8
2011	7.4
2012	7.5

Table 6: Ethanol Cconsumption Projection (B gallons)

Ethanol from corn	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018-26
Reference Case: 2005	8.57	9.34	11.40	11.95	12.46	12.84	13.18	14.11	14.48	15.03	15.17
High Economic Growth Case	8.57	9.34	11.45	11.99	12.48	12.89	13.60	14.16	14.66	15.17	15.17
Low Economic Growth Case	8.57	9.34	11.48	11.99	12.47	12.95	13.65	14.28	14.70	15.17	15.17
High Price Case	8.57	9.32	11.27	11.99	12.49	12.77	13.54	13.84	14.08	14.96	15.17
Low Price Case	8.57	9.35	11.62	11.89	12.52	13.11	13.71	14.70	14.80	15.17	15.17

U.S. Ethanol Industry Overview

This table contains information on ethanol plants' names, locations, and utilization of operating capacity for the 2007-08 crop year.

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
1	Pinal Energy, LLC	Maricopa	Arizona	60	Corn	55	producing			
2	Calgren Renewable Fuels, LLC	Pixley	California	51	Corn				55	
3	Cilion Ethanol	Keyes	California	51	Corn				50	
4	Pacific Ethanol	Madera	California	51	Corn	40	10/2006 producing			
5	Pacific Ethanol	Stockton	California	51	Corn	60	09/2008			
6	Phoenix Biofuels	Goshen	California	51	Corn	31.5	producing			
7	Pacific Ethanol	Calipatria	California	80	Grain				60	Construction currently suspended since 12/10/2007
8	Front Range Energy, LLC	Windsor	Colorado	20	Corn	40	06/2006 producing			Pacific Ethanol has 42% ownership of Front Range Energy
9	Sterling Ethanol, LLC	Sterling	Colorado	20	Corn	42	producing			
10	Yuma Ethanol	Yuma	Colorado	60	Corn	40	Dec-07			
11	First United Ethanol, LLC (fuel)	Mitchel Co.	Georgia	70	Corn				100	
12	Pacific Ethanol	Burley	Idaho	80	Corn	50	04/2008			
13	Illinois River Energy, LLC	Rochelle	Illinois	10	Corn Grain / Wheat Starch	50	producing			
14	Adkins Energy, LLC	Lena	Illinois	10	Corn Grain / Wheat Starch	40	producing			
15	Marquis Energy, LLC	Hennepin	Illinois	10	Corn Grain / Wheat Starch	100	Feb-08			
16	Patriot Renewable Fuels, LLC	Annawan	Illinois	10	Corn Grain / Wheat Starch				100	

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
17	Archer Daniels Midland	Decatur	Illinois	40	Corn Grain / Wheat Starch		wet mill producing			
18	Archer Daniels Midland	Peoria	Illinois	40	Corn Grain / Wheat Starch		wet mill producing			
19	MGP Ingredients, Inc.	Pekin	Illinois	40	Corn Grain / Wheat Starch	39	producing			
20	Aventine Renewable Energy, LLC	Pekin	Illinois	40	Grain	157	Dry mill- 01/07 producing			Wet mill produces 100 Mg/y and Dry mill produces 50 Mg/y
21	Biofuel Energy	Gilman	Illinois	50	Grain				115	This plant is not included in the RFA page but in the company's page
22	Abengoa Bioenergy of Illinois	Madison	Illinois	60	Grain				88	
23	Lincolnland Agri-Energy, LLC*	Palestine	Illinois	70	Corn Grain / Wheat Starch	48	producing			
24	Center Ethanol Company	Sauget	Illinois	80	Corn Grain / Wheat Starch	54	8-Feb			
25	Iroquois Bio-Energy Company, LLC	Rensselaer	Indiana	10	Corn	40	producing			
26	Vera Sun Energy Corporation	Reynolds	Indiana	10	Grain				110	Construction was stopped in 10/2007 This plant is not included in RFA web page
27	POET Biorefining	North Manchester	Indiana	20	Corn				68	

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
28	The Andersons Clymers Ethanol, LLC	Clymers	Indiana	20	Corn	110	producing			
29	New Energy Corp.	South Bend	Indiana	20	Corn	102	producing			
30	Indiana Bio-Energy	Bluffton	Indiana	30	Corn	101	8-Feb			
31	Vera Sun Energy Corporation	Linden	Indiana	40	Grain	110	08/2007 producing			
32	Central Indiana Ethanol, LLC	Marion	Indiana	50	Corn	40	07/2007 producing			
33	POET Biorefining	Alexandria	Indiana	50	Corn	65	04/2008			
34	Cardinal Ethanol	Harrisville	Indiana	60	Grain				100	
35	POET Biorefining	Portland	Indiana	60	Corn	68	9/18/2007			
36	Abengoa Bioenergy of Indiana	Mount Vernon	Indiana	70	Grain				88	
37	Aventine Renewable Energy, LLC	Mount Vernon	Indiana	70	Corn				113	
38	Green Plains Renewable Energy	Superior	Iowa	10	Corn	50	Aug-08			
39	Biofuel Energy	Alta	Iowa	10	Corn				115	This plant is not included in the RFA page but in the company's page
40	Little Sioux Corn Processors, LP*	Marcus	Iowa	10	Corn	52	producing			
41	Plymouth Ethanol, LLC*	Merrill	Iowa	10	Corn				50	
42	POET Biorefining	Ashton	Iowa	10	Corn	56	04/2004			
43	Vera Sun Energy Corporation	Albert City	Iowa	10	Corn	110	12/2006			
44	Siouxland Energy & Livestock Coop*	Sioux Center	Iowa	10	Corn	25	35 add on January 2008			
45	POET Biorefining	Emmetsburg	Iowa	10	Corn	55	producing			20th plant built since 1983
46	Vera Sun Energy Corporation	Hartley	Iowa	10	Corn	110	08/2008			
47	Absolut Energy, LLC	St. Ansgar	Iowa	20	Corn	100	3/3/2008			
48	Corn Plus LLP	Goldfield	Iowa	20	Corn	50	producing			
49	Global Ethanol/Midwest Grain Processors	Lakota	Iowa	20	Corn	95	producing			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
50	Golden Grain Energy, LLC*	Mason City	Iowa	20	Corn	110	producing	50		
51	Hawkeye Renewables, LLC	Shellrock	Iowa	20	Corn				110	
52	POET Biorefining	Hanlontown	Iowa	20	Corn	56	producing3/8/2004			
53	Vera Sun Energy Corporation	Charles City	Iowa	20	Corn	110	04/2007 producing			
54	Hawkeye Renewables, LLC	Fairbank	Iowa	30	Corn	115	producing			
55	Homeland Energy	New Hampton	Iowa	30	Corn				100	
56	Vera Sun Energy Corporation	Dyersville	Iowa	30	Corn	110	08/2008			
57	Amaizing Energy LLC	Denison	Iowa	40	Corn	40	producing			
58	Hawkeye Renewables, LLC	Menlo	Iowa	40	Corn				100	
59	Platinum Ethanol, LLC*	Arthur	Iowa	40	Corn				110	
60	POET Biorefining	Coon Rapids	Iowa	40	Corn	52	08/2002 producing			
61	Quad-County Corn Processors*	Galva	Iowa	40	Corn	27	producing			
62	Lincolnway Energy, LLC*	Nevada	Iowa	50	Corn	50	producing			
63	Hawkeye Renewables, LLC	Iowa Fall	Iowa	50	Corn	105	producing			
64	Pine Lake Corn Processors, LLC*	Steamboat Rock	Iowa	50	Corn	20	producing			
65	POET Biorefining	Gowrie	Iowa	50	Corn	60	05/2006 producing			23th plant built since 1983
66	POET Biorefining	Jewell	Iowa	50	Corn	60	03/2006 producing			
67	Vera Sun Energy Corporation	Fort Dodge	Iowa	50	Corn	110	10/2005 producing			
68	Tate & Lyle	Fort Dodge	Iowa	50	Corn		wet mill		105	
69	Archer Daniels Midland	Cedar Rapids	Iowa	60	Corn	?	ADM 400 at both locations	wet mill		
70	Archer Daniels Midland	Clinton	Iowa	60	Corn	?	ADM 400 at both locations	wet mill		
71	Grain Processing Corp.	Muscatin	Iowa	60	Corn	20	producing wet mill			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
72	Penford Products	Cedar Rapids	Iowa	60	Corn		wet mill		45	
73	Xethanol BioFuels, LLC	Blairstown	Iowa	60	Corn	5	producing			
74	Amaizing Energy LLC	Atlantic	Iowa	70	Corn				110	
75	Green Plains Renewable Energy	Shenandoah	Iowa	70	Corn	50	producing			
76	POET Biorefining	Corning	Iowa	70	Corn	65	05/2007 producing			
77	Southwest Iowa Renewable Energy, LLC *	Council Bluffs	Iowa	70	Corn				110	
78	Big River Resource, LLC	West Burlington	Iowa	90	Corn	40	52 added after Dec 2007			
79	Cargill Inc.	Eddyville	Iowa	90	Corn	35	producing wet mill			
80	ESE Alcochol Inc.	Leoti	Kansas	20	Corn Seed	1.5	producing			
81	Commonwealth Agri-Energy, LLC	Hopkinsville	kentucky	20	Corn	33	NOT in kansas/producing			
82	Abengoa Bioenergy New Technologies Biorefinery	Hugoton	Kansas	30	Corn/Milo				88	
83	Arkalon Energy LLC	Liberal	Kansas	30	Corn	110	Jan-08			
84	Bonanza Energy LLC	Garden City	Kansas	30	Corn/Milo	55	Nov-07			
85	Reeve Agri-Energy	Garden City	Kansas	30	Corn/Milo	12	producing			
86	Prairie Horizon Agri-Energy, LLC	Phillipsburg	Kansas	40	Corn	40	producing			
87	Kansas Ethanol, LLC	Lyons	Kansas	50	Corn/Milo	55	May-08			
88	Abengoa Bioenergy Corp.-Colwich	Colwich	Kansas	60	Corn/Milo	25	producing			
89	E Caruso (Goodland Energy Center)	Woodland	Kansas	60	Corn/Milo				20	
90	Gateway Ethanol	Pratts	Kansas	60	Corn/Milo	55	Jan-08			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
91	Biofuel Energy	Atchison	Kansas	70	Grain				115	This plant is not included in the RFA page but in the company's page
92	East Kansas Agri Energy, LLC	Garnet	Kansas	80	Corn/Milo	35	producing 6/22/2005			
93	Western Plains Energy, LLC*	Campus	Kansas	80	Corn	45	producing			
94	POET Biorefining	Caro	Michigan	60	Corn	53	producing			14th plant built since 1983
95	The Andersons Albion Ethanol LLC	Albion	Michigan	80	Corn	55	producing			
96	Vera Sun Energy Corporation	Woodbury	Michigan	80	Corn	50	02/2008			
97	Global Ethanol/Midwest Grain Processors	Riga	Mchigan	90	Corn	57	producing			
98	Marysville Ethanol, LLC	Marysville	Michigan	90	Corn	50	Jul-08			
99	Archer Daniels Midland	Marshall	Minnesota	70	Corn	40	producing wet mill			
100	Chipewa Valley Ethanol Co.	Benson	Minnesota	40	Corn	45	producing			
101	Denco, LLC	Morris	Minnesota	40	Corn	21.5	producing 1999			
102	Granite Falls Energy, LLC*	Granite Falls	Minnesota	40	Corn	48	producing			
103	Otter Tail Ag Enterprises	Fergus Falls	Minnesota	40	Corn	55	1-May			
104	Bushmills Ethanol Inc.	Atwater	Minnesota	50	Corn	49	producing 12/30/2005			
105	Centrel MN Ethanol Co-op	Little Falls	Minnesota	50	Corn	21.5	03/1999 producing			
106	Heartland Corn Products*	Winthrop	Minnesota	50	Corn	100	producing			
107	Minnesota Energy*	Buffalo Lake	Minnesota	50	Corn	18	producing			
108	Agri-Energy LLC	Luverne	Minnesota	70	Corn	21	producing			
109	Heron Lake BioEnergy, LLC	Heron Lake	Minnesota	70	Corn	50	Oct-07			
110	POET Biorefining	Bingham Lake	Minnesota	70	Corn	35	producing			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
111	Biofuel Energy-Buffalo Lake Energy, LLC	Fairmont	Minnesota	80	Corn	110	Jun-08			The company's web page says the plant is under construction, but RFA page mentions the 115 as operating capacity
112	POET Biorefining	Glenville	Minnesota	80	Corn	42	producing			13th plant built since 1983
113	POET Biorefining	Lake Crystal	Minnesota	80	Corn	56	producing			21st. plant built since 1983
114	Vera Sun Energy Corporation	Janesville	Minnesota	80	Corn	110	NOV. 2008		110	Production will start Q4 2008
115	Vera Sun Energy Corporation	Welcome	Minnesota	80	Corn	110	06/2008			
116	Al Corn Clean Fuel	Claremont	Minnesota	90	Corn	35	producing	15		
117	POET Biorefining	Preston	Minnesota	90	Corn	46	producing			
118	Golden Triangle Energy, LLC*	Craig	Missouri	10	Corn	20	producing			
119	POET Biorefining	Macon	Missouri	20	Corn	15	05/2003 producing			
120	Show Me Ethanol	Carrollton	Missouri	20	Corn	55	Jun-08			
121	POET Biorefining	Laddonia	Missouri	30	Corn	50	09/2006 producing			
122	Mid-Missouri Energy, Inc.*	Malta Bend	Missouri	50	Corn	45	producing 2005			
123	Lifeline Foods, LLC	St. Joseph	Missouri	60	Grain	40	???????? Cannot determine if operational			
124	NEDAK Ethanol	Atkinson	Nebraska	20	Corn				44	
125	Elkhorn Valley Ethanol, LLC	Norfolk	Nebraska	30	Corn	40	Nov-07			
126	Husker Ag, LLC*	Plainview	Nebraska	30	Corn	26.5	Oct-07			
127	Vera Sun Energy Corporation	Albion	Nebraska	30	Corn	110	10/2007			
128	Siouxland Ethanol, LLC	Jackson	Nebraska	30	Corn	50	producing			
129	Abengoa Bioenergy of Nebraska	Ravenna	Nebraska	50	Corn	88	producing 7/1/2007			
130	Biofuel Energy-Pioneer Trail Energu, LLC	Wood River	Nebraska	50	Corn	115	Jul-08			The company's web page says the plant is under construction, but RFA page mentions the 115 as operating capacity
131	Cornhusker Energy Lexiston, LLC	Lexington	Nebraska	50	Corn	40	producing 2006		150	Under construction capacity only mention in company's web page

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
132	Vera Sun Energy Corporation	Ord	Nebraska	50	Corn	50	05/2007 producing			
133	Archer Daniels Midland	Columbus	Nebraska	60	Corn		100 wet mill			
134	Aventine Renewable Energy, LLC	Aurora	Nebraska	60	Corn				113	
135	Aventine Renewable Energy, LLC	Aurora	Nebraska	60	Corn	50	producing			
136	Cargill Inc.	Blair	Nebraska	60	Corn	85	198 wet mill			
136	Vera Sun Energy Corporation	Central City	Nebraska	60	Corn	100	04/2004-40mg/y 10/2006-100 mg/y	producing		
137	Mid America Agri Products/Wheatland	Madrid	Nebraska	70	Corn	44	Jun-08			
138	Midwest Renewable Energy, LLC	Sutherland	Nebraska	70	Corn	25	producing 1999			
139	Trenton Agri Products, LLC	Trenton	Nebraska	70	Corn	40	producing 2004			
140	AG Processing Inc.	Hastings	Nebraska	80	Corn	52	producing 1995			
141	Chief Ethanol	Hastings	Nebraska	80	Corn	62	producing1985			
142	KAAPA Ethanol, LLC*	Minden	Nebraska	80	Corn	40	producing			
143	Mid America Agri Products/Horizon	Cambridge	Nebraska	80	Corn	44	Apr-08			
144	Advanced Bioenergy	Fairmont	Nebraska	90	Corn	100	Oct-07			
145	E Energy Adams, LLC	Adams	Nebraska	90	Corn	50	10/2007			
146	Abengoa Bioenergy Corp.-Portales	Portales	New Mexico	30	Grain	30	producing-probably milo and corn			
147	Northeast Biofuels	Volney	New York	50	Grain	114	08/2008			
148	Archer Daniels Midland	Wallhala	North Dakota	30	Corn/Barley		wet mill			
149	Blue Flint Ethanol	Underwood	North Dakota	40	Corn	50	02/2007 producing			
150	Tharaldson Ethanol	Casselton	North Dakota	60	Grain				110	
151	Red Trail Energy, LLC	Richardton	North Dakota	70	Corn	50	producing			
152	Vera Sun Energy Corporation	Hankinson	North Dakota	90	Corn	110	07/2008			
153	Greater Ohio Ethanol, LLC	Lima	Ohio	10	Corn	54	Apr-08			
154	POET Biorefining	Leipsic	Ohio	10	Corn	68	1/10/2008			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
155	POET Biorefining	Fostoria	Ohio	20	Corn				68	
156	The Andersons Marathon Ethanol, LLC	Greenville	Ohio	40	Corn	110	Feb-08			
157	POET Biorefining	Marion	Ohio	50	Corn				68	
158	Vera Sun Energy Corporation	Bloomingburg	Ohio	50	Corn	110	03/2008			
159	Coshocton Ethanol, OH	Coshocton	Ohio	60	Corn	60	Feb-08			
160	Cascade Grain	Clatskanie	Oregon	10	Corn	108	Jun-08			In construction, expected to be in operation second quarter of 2008
161	Pacific Ethanol	Boardman	Oregon	20	Corn	40	08/2007 producing			
162	Bioenergy International	Clearfield	Pennsylvania	50	Corn				110	
163	Glacial Lakes Energy, LLC-Mina*	Mina	South Dakota	20	Corn	100	Jun-08			
164	Heartland Grain Fuels, LP*	Aberdeen	South Dakota	20	Corn	9	producing			
165	POET Biorefining	Groton	South Dakota	20	Corn	53	producing			16th plant built since 1983
166	Redfield Energy, LLC *	Redfield	South Dakota	20	Corn	50	producing			
167	North Country Ethanol, LLC*	Rosholt	South Dakota	30	Corn	20	producing			
168	POET Biorefining	Big Stone	South Dakota	30	Corn	75	06/2002 producing			
169	Glacial Lakes Energy, LLC*	Watertown	South Dakota	30	Corn	50	producing			
170	Heartland Grain Fuels, LP*	Huron	South Dakota	50	Corn	12	producing			
171	Vera Sun Energy Corporation	Aurora	South Dakota	50	Corn	120	12/2003-100mg/y 06/2005-120 mg/y	producing		
172	Dakota Ethanol, LLC	Wentworth	South Dakota	60	Corn	48	09/2001 producing			
173	POET Biorefining	Mitchell	South Dakota	60	Corn	60	producing			
174	POET Biorefining	Chancellor	South Dakota	90	Corn	50	producing			
175	POET Biorefining	Hudson	South Dakota	90	Corn	56	producing 5/17/2004			
176	POET Biorefining	Scotland	South Dakota	90	Corn	11	producing			
177	Vera Sun Energy Corporation	Marion	South Dakota	90	Corn	110	Feb-08			
178	Ethanol Grain Processors, LLC	Obion	Tennessee	10	Corn				100	

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
179	Tate & Lyle	Loudon	Tennessee	60	Corn	67	wet mill	38		
180	Panda Ethanol	Hereford	Texas	11	Corn/Milo				115	
181	White Energy	Hereford	Texas	11	Corn/Milo	100	Feb-08	85%corn, 15%milo		
182	White Energy	Plainview	Texas	11	Corn/Milo	100	May-08	85% corn, 15% milo		
183	Levelland/Hockley County Ethanol, LLC	Levelland	Texas	12	Milo	40	Mar-08			
184	Northwest Renewable, LLC	Longview	Washington	10	Corn				55	
185	ACE Ethanol , LLC	Stanley	Wisconsin	10	Corn	41	producing			
186	Western Wisconsin Renewable Energy, LLC*	Boyceville	Wisconsin	40	Corn	40	producing 9/1/2006			
187	Castle Rocks Renewable Fuels, LLC	Necedah	Wisconsin	50	Corn	50	2/2/2008			
188	Utica Energy, LLC	Oshkosh	Wisconsin	60	Corn	49	producing 2003			
189	Badger State Ethanol	Monroe	Wisconsin	80	Corn	48	producing 10/15/2002			
190	Didion Ethanol	Cambria	Wisconsin	80	Corn	40	probably overstates capacity since a unique procesing technique is operation		echnique in operation	
191	Renew Energy	Jefferson Junction	Wisconsin	80	Corn	130	Jan-08			
192	United Ethanol	Milton	Wisconsin	80	Corn	52	producing 3/1/2007			
193	United WI Grain Producers, LLC*	Friesland	Wisconsin	80	Corn	49	operating 5/1/2005			
194	Renova Energy	Torrington	Wyoming	50	Grain	5	producing			
	White Energy	Russell	Kansas	40	Corn/Milo	48	producing			

U.S. ETHANOL INDUSTRY BASED ON CORN

Crop Year Sept. 1/2007 - Aug. 30/2008

	COMPANY NAME	LOCATION		CROP REPORTING DISTRICT-CRD	FEED STOCK (Grain only)	OPERATING PLANT CAPACITY (Mgal/y)	DATE PLANT CAME ONLINE	EXPANSION PLANT CAPACITY (Mgal/y)	UNDER CONSTRUCTION PLANT CAPACITY (Mgal/y)	OBSERVATIONS
		City	State							
	POET BiorefininG- Total				Grain	1467-RFA (1260-adding individual plant capacities from company's web page)			65-RFA (204-adding individual plant capacities from company's web page)	
	Vera Sun Energy Corporation- Total				Grain	1420-RFA (1530-adding capacities from company's web page)			220	

TOTAL CAPACITY FOR CORPORATIONS		
Archer Daniels Midland- Total	1070	550
Pacific Ethanol		420

*Locally owned

Barge to Barge Distance
U.S.

This worksheet contains distance, in miles, from selected barge locations to other barge locations.
The barge distance matrix does not cover all possible origin-destination pairs, but it only reflects the real world barge grain flow patterns.

Distance calculations are based on "Upper Mississippi River Navigation Charts.pdf" and online Google map.
Source: U.S. Army Corps of Engineers

Barge to Barge Distance

ORIGIN / DESTINATION	Barge1 _AL_CRD10	Barge17 _KY_CRD30	Barge18 _LA_CRD60	Barge22 _MO_CRD20	Barge31 _TN_CRD10	Barge32 _TN_CRD40	Barge33 _TN_CRD60
Barge2_AR_CRD30	564	549	565	600	50	423	877
Barge3_AR_CRD60	937	961	400	1016	353	836	1250
Barge4_AR_CRD90	857	711	422	889	230	711	1170
Barge5_CO_CRD20	1202	1230	1580	923	1084	1105	1515
Barge6_IL_CRD20	833	838	1196	531	692	712	1146
Barge7_IL_CRD40	753	758	1116	451	612	632	1066
Barge8_IL_CRD60	664	684	1042	376	538	560	977
Barge9_IL_CRD80	370	376	738	432	233	250	683
Barge10_IN_CRD70	465	189	925	619	420	319	778
Barge11_IN_CRD90	705	49	1157	856	657	556	1018
Barge12_IA_CRD30	937	957	1315	649	811	831	1250
Barge13_IA_CRD40	1284	1289	1647	480	1143	1163	1597
Barge14_IA_CRD60	747	831	1075	484	685	705	1060
Barge15_IA_CRD90	697	781	1125	434	635	655	1010
Barge16_KY_CRD10	440	416	708	472	170	290	753
Barge17_KY_CRD30	653		1113	807	609	508	966
Barge19_MN_CRD90	1086	1105	1464	768	959	979	1399
Barge20_MS_CRD70	905	910	204	962	301	784	1218
Barge21_MO_CRD10	1005	1009	1367	200	863	883	1318
Barge22_MO_CRD20	788	807	1166		661	682	1101
Barge23_MO_CRD30	677	681	1000	334	535	555	990
Barge24_MO_CRD40	935	939	1297	130	793	813	1248
Barge25_MO_CRD60	538	557	916	250	411	432	851
Barge26_NE_CRD60	1184	1189	1547	380	1043	1063	1497
Barge27_NE_CRD90	1134	1139	1497	330	993	1013	1447
Barge28_OH_CRD70	790	134	1242	941	742	641	1103
Barge29_OK_CRD70	1117	1211	790	1264	603	1086	1430
Barge30_OK_CRD80	1075	1161	730	1214	553	1036	1388
Barge31_TN_CRD10	604	609	505	661		483	917

Port to Port Distance
International

Distance between ports of international corn / soybeans excess supply and demand regions (nautical miles)

Excess Supply Regions / Excess Demand Regions	Rotterdam	Barcelona	Bari	Haifa	Algiers	Damman	Dar es Salaam	Lagos	Singapore	Kaohsiung	Ulsan	Yokohama	Shanghai	Veracruz	Callao	Puerto Cortes	Maracaibo	Odessa	Durban	Madras	Buenos Aires	Santos	Bangkok	Montreal
Odessa	3,461	2,047	1,471	1,116	1,684	4,272	4,213	5,194	6,100	7,715	8,759	8,986	8,443					100	5,682	5,163			6,967	
Durban	6,944	6,144	5,662	4,723	6,057	4,099	1,580	3,355	4,867	6,402	7,284	7,667							100	4,088				
Madras				4,204		2,588	3,103	7,390	1,586	3,207	4,089	4,478						5,163	4,088	100			2,417	
Bangkok				6,008	7,342	4,396	4,872	8,974	831	1,685	2,569	2,979							5,698	2,417			100	
Montreal	3,290	3,695	4,195	5,180	3,592	8,117	8,220	5,130	10,107	11,722	12,335	11,948	12,338	3,318	5,601	3,116	2,992	5,332			6,440	5,529		
Vancouver									7,082	5,520	4,627	4,264	5,114											
BuenosAires	6,341	5,804	6,268	7,289	5,701	8,548	6,028	4,304	9,298	10,745	11,060	10,652	11,161	6,353	4,048	5,849	4,861	7,431	4,459	8,494	100	998	10,078	
Santos	5,430	4,892	5,356	7,377	4,789	8,246	5,726	3,454	8,996	10,443	11,325	11,362	11,056	5,442	4,758	4,938	3,948	6,519	4,157	8,192	998	100	9,776	
NewOrleans	4,854	5,085	5,549	6,570	4,982	9,507	9,610	5,754	11,497	10,445	9,570	9,183	10,067	810	2,836	960	1,690	6,712	8,074	10,518	6,223	5,312	12,080	
Houston	5,052	5,283	5,747	6,768	5,180	9,705	9,808	5,952	11,695	10,853	9,978	9,591	10,475	665	3,244	1,067	1,837	6,910	8,277	10,716	6,422	5,510		
Seattle	8,847	8,886	9,350	10,371	8,783	10,329	11,105	10,954	7,064	5,502	4,609	4,246	5,096	6,238	4,749	6,267	6,967						7,160	
Norfolk	3,547	3,877	4,341	5,362	3,774	8,299	8,402	4,926	10,289	11,647	10,772	10,385	11,269	1,757	4,038	1,555	1,708	5,504	7,567	9,310				
Duluth																								1,159
Toledo																								528
Shanghai				7,414		5,811	6,278		2,237	600	487	1,036							7,015	3,823			2,251	
DarEsSalaam				3,296	4,630	3,424	100	4,924											1,580	3,103				
Lagos		3,609	4,432		3,506		4,924	100											3,355					
Bari	2,699	990	100	1,149	930	4,093	4,111	4,432										1,471	5,662					
Singapore						3,667	4,187		100	1,621	2,522	2,892	2,237							1,586			831	
Callao	6,180	6,219	7,042	7,704	6,116	10,743	9,219	7,839	10,662	9,674	8,860	8,412	9,304	3,571	100	2,073	4,300				4,048	4,758		

This worksheet contains distance information, in nautical miles, between ports that are assigned to excess supply and excess demand countries.
Since one major port is assigned to a group of countries, there are cases where one excess supply and another excess demand region belong to the same port.
In these cases 100 nautical miles is arbitrarily assigned to facilitate a shipping link between those countries that belong to the same port, since we did not consider rail transportation mode between international locations.

Note: Missing origin-destination pair distances are due to impracticality of shipping on these routings.

Source: Port to port distances are obtained from the following websites:
URL1: http://www.distances.com/
URL2: http://www.searates.com/reference/portdistance/

Truck and Rail Distance
Mexico

Distance for truck and rail shipments between Mexican regional major cities (miles)

STATE and CITY		Veracruz Veracruz	Veracruz Coatzacoalcos	District Federal Mexico City	Jalisco Guadalajara	Coahuila Torreon	Chihuahua Chihuahua
Veracruz	Veracruz	0	160	236	574	768	1,085
Veracruz	Coatzacoalcos	160	0	386	728	926	1,241
District Federal	Mexico City	236	386	0	342	604	926
Jalisco	Guadalajara	574	728	342	0	405	692
Coahuila	Torreon	768	926	604	405	0	322
Chihuahua	Chihuahua	1,085	1,241	926	692	322	0

This worksheet contains truck and rail distance, in miles, between Mexican regional major cities.

Note: The distance is the driving distance between a pair of cities.

Source: http://distancecalculator.globefeed.com/Mexico_Distance_Calculator.asp

Truck and Rail Distance
U.S.

Rail Distance
U.S. to Canada

Rail distance between U.S. origin and Canadian destination pairs (miles)

U.S. STATE	CRD	U.S. CITY	Winnipeg, MB				Armstrong, BC				Montreal, QC				Trenton, ON				Calgary, AB				Saskatoon, SK			
			Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer
MN	10	Bejou	210	210	210	210	1,313	1,313	1,313	1,313									1,000	1,000	1,000	1,000	688	688	688	688
MN	40	Lowry	338	338	338	338	1,438	1,438	1,438	1,438									1,125	1,125	1,125	1,125	823	823	823	823
ND	30	Forest River	139	139	139	139	1,250	1,250	1,250	1,250	1,500	1,500	1,500	1,500	1,375	1,375	1,375	1,375	969	969	969	969	625	625	625	625
ND	90	Fullerton	406	406	406	406	1,313	1,313	1,313	1,313	1,563	1,563	1,563	1,563	1,375	1,375	1,375	1,375	938	938	938	938	643	643	643	643
SD	30	Britton	350	350	350	350	1,348	1,348	1,348	1,348	1,563	1,563	1,563	1,563	1,313	1,313	1,313	1,313	984	984	984	984	706	706	706	706
MN	30	Duluth									1,326	1,326	1,326	1,326	1,094	1,094	1,094	1,094								
MN	60	Minneapolis									1,344	1,344	1,344	1,344	1,063	1,063	1,063	1,063								
NY	40	Buffalo									406	406	406	406	219	219	219	219								

This worksheet contains rail distances, in miles, between US crop reporting districts and Canadian regional cities of major grain importing provinces.

Rail Distance
U.S. to Mexico

Rail distances, in miles, from U.S. crop reporting districts (CRDs) to Mexican regional centers

FROM	TO	RAIL DISTANCE
IL_CRD10	Mexico_NE	981
IL_CRD20	Mexico_NE	1,035
IL_CRD60	Mexico_NE	1,128
IA_CRD10	Mexico_NE	876
IA_CRD40	Mexico_NE	935
IA_CRD50	Mexico_NE	916
IA_CRD70	Mexico_NE	998
IA_CRD80	Mexico_NE	986
KS_CRD30	Mexico_NE	1,339
KS_CRD40	Mexico_NE	1,158
KS_CRD50	Mexico_NE	1,210
KS_CRD60	Mexico_NE	1,275
MN_CRD10	Mexico_NE	840
MN_CRD30	Mexico_NE	803
MN_CRD40	Mexico_NE	780
MN_CRD60	Mexico_NE	650
MN_CRD70	Mexico_NE	819
MO_CRD10	Mexico_NE	1,074
MT_CRD30	Mexico_NE	1,272
MT_CRD90	Mexico_NE	1,207
NE_CRD20	Mexico_NE	1,076
NE_CRD30	Mexico_NE	970
NE_CRD60	Mexico_NE	1,029
NE_CRD70	Mexico_NE	1,180
NE_CRD80	Mexico_NE	1,136
NE_CRD90	Mexico_NE	1,069
ND_CRD10	Mexico_NE	1,122
ND_CRD20	Mexico_NE	1,013
ND_CRD30	Mexico_NE	938
ND_CRD50	Mexico_NE	963
ND_CRD60	Mexico_NE	874
ND_CRD70	Mexico_NE	1,123
ND_CRD80	Mexico_NE	1,023
ND_CRD90	Mexico_NE	888
OK_CRD40	Mexico_NE	1,341
SD_CRD20	Mexico_NE	939
SD_CRD30	Mexico_NE	845
SD_CRD50	Mexico_NE	964
SD_CRD60	Mexico_NE	888
SD_CRD90	Mexico_NE	951
TX_CRD40	Mexico_NE	1,617
IL_CRD10	Mexico_NW	952
IL_CRD20	Mexico_NW	1,006
IL_CRD60	Mexico_NW	1,099
IA_CRD10	Mexico_NW	847
IA_CRD40	Mexico_NW	906

FROM	TO	RAIL DISTANCE
IA_CRD50	Mexico_NW	887
IA_CRD70	Mexico_NW	969
IA_CRD80	Mexico_NW	957
KS_CRD30	Mexico_NW	1,310
KS_CRD40	Mexico_NW	1,129
KS_CRD50	Mexico_NW	1,181
KS_CRD60	Mexico_NW	1,246
MN_CRD10	Mexico_NW	811
MN_CRD30	Mexico_NW	774
MN_CRD40	Mexico_NW	751
MN_CRD60	Mexico_NW	621
MN_CRD70	Mexico_NW	790
MO_CRD10	Mexico_NW	1,045
MT_CRD30	Mexico_NW	1,243
MT_CRD90	Mexico_NW	1,178
NE_CRD20	Mexico_NW	1,047
NE_CRD30	Mexico_NW	941
NE_CRD60	Mexico_NW	1,000
NE_CRD70	Mexico_NW	1,151
NE_CRD80	Mexico_NW	1,107
NE_CRD90	Mexico_NW	1,040
ND_CRD10	Mexico_NW	1,093
ND_CRD20	Mexico_NW	984
ND_CRD30	Mexico_NW	909
ND_CRD50	Mexico_NW	934
ND_CRD60	Mexico_NW	845
ND_CRD70	Mexico_NW	1,094
ND_CRD80	Mexico_NW	994
ND_CRD90	Mexico_NW	859
OK_CRD40	Mexico_NW	1,312
SD_CRD20	Mexico_NW	910
SD_CRD30	Mexico_NW	816
SD_CRD50	Mexico_NW	935
SD_CRD60	Mexico_NW	859
SD_CRD90	Mexico_NW	922
TX_CRD40	Mexico_NW	1,588
IL_CRD10	Mexico_West	1,259
IL_CRD20	Mexico_West	1,313
IL_CRD60	Mexico_West	1,406
IA_CRD10	Mexico_West	1,154
IA_CRD40	Mexico_West	1,213
IA_CRD50	Mexico_West	1,194
IA_CRD70	Mexico_West	1,276
IA_CRD80	Mexico_West	1,264
KS_CRD30	Mexico_West	1,617
KS_CRD40	Mexico_West	1,436
KS_CRD50	Mexico_West	1,488
KS_CRD60	Mexico_West	1,553
MN_CRD10	Mexico_West	1,118

FROM	TO	RAIL DISTANCE
MN_CRD30	Mexico_West	1,081
MN_CRD40	Mexico_West	1,058
MN_CRD60	Mexico_West	928
MN_CRD70	Mexico_West	1,097
MO_CRD10	Mexico_West	1,352
MT_CRD30	Mexico_West	1,550
MT_CRD90	Mexico_West	1,485
NE_CRD20	Mexico_West	1,354
NE_CRD30	Mexico_West	1,248
NE_CRD60	Mexico_West	1,307
NE_CRD70	Mexico_West	1,458
NE_CRD80	Mexico_West	1,414
NE_CRD90	Mexico_West	1,347
ND_CRD10	Mexico_West	1,400
ND_CRD20	Mexico_West	1,291
ND_CRD30	Mexico_West	1,216
ND_CRD50	Mexico_West	1,241
ND_CRD60	Mexico_West	1,152
ND_CRD70	Mexico_West	1,401
ND_CRD80	Mexico_West	1,301
ND_CRD90	Mexico_West	1,166
OK_CRD40	Mexico_West	1,619
SD_CRD20	Mexico_West	1,217
SD_CRD30	Mexico_West	1,123
SD_CRD50	Mexico_West	1,242
SD_CRD60	Mexico_West	1,166
SD_CRD90	Mexico_West	1,229
TX_CRD40	Mexico_West	1,895

Elasticity of Corn and Soybeans
U.S.

This file contains excess supply and excess demand elasticities of corn and soybeans for domestic crop reporting districts (CRDs).

NOTE: All elasticity data are FAPRI elasticity estimates for 2003-04.
Source: Data come from file "Domestic and Foreign Elasticities.xlsx", which comes from the old (2004) model.

Excess Supply Corn

STATE	CRD	SURPLUS	EX-SUP-ELA
AR	30	21,372,475	1.69
AR	50	3,028,821	2.22
AR	60	3,028,821	2.22
AR	90	18,732,410	5.89
GA	70	1,364,266	0.39
GA	80	1,364,266	0.39
GA	90	1,364,266	0.39
IA	10	49,442,382	1.35
IA	20	144,706,888	0.85
IA	30	164,281,184	0.56
IA	40	212,426,649	0.71
IA	50	143,665,513	0.48
IA	70	91,971,527	0.44
IA	90	37,723,636	0.75
IL	10	310,476,889	0.44
IL	20	116,340,430	1.10
IL	30	203,387,417	0.36
IL	50	280,944,733	0.42
IL	60	286,034,734	0.35
IL	70	208,854,550	0.56
IL	80	54,005,643	0.51
IL	90	54,005,643	0.51
IN	20	13,891,816	1.64
IN	30	13,891,816	1.64
IN	10	89,136,986	0.99
IN	40	30,199,186	0.90
IN	50	89,048,842	0.42
IN	60	89,048,842	0.42
IN	70	70,221,032	1.18
IN	80	19,669,026	0.65
IN	90	19,669,026	0.65
KS	60	12,575,408	0.98
KS	70	18,639,252	0.98
KS	80	18,639,252	0.98
KS	90	19,293,911	0.95
KY	10	21,560,583	2.02

Excess Demand Corn

STATE	CRD	S-ELAST	EX-DEM-ELA
AL	10	0.65	-0.21
AL	20	0.65	-0.21
AL	30	0.65	-0.21
AL	40	0.65	-0.23
AL	50	0.65	-0.23
AL	60	0.65	-0.23
AR	10	0.65	-0.20
AR	20	0.65	-0.20
AR	40	0.65	-0.20
AR	70	0.65	-0.21
AR	80	0.65	-0.20
AZ	10	0.67	-0.24
AZ	80	0.67	-0.24
CA	10	0.67	-0.21
CA	20	0.67	-0.21
CA	30	0.67	-0.21
CA	40	0.67	-0.21
CA	50	0.67	-0.21
CA	51	0.67	-0.21
CA	60	0.67	-0.21
CA	80	0.67	-0.21
CO	10	0.67	-0.69
CO	20	0.67	-0.69
CO	60	0.67	-0.69
CO	70	0.67	-0.69
CO	80	0.67	-0.69
CO	90	0.67	-0.69
CT	10	0.40	-0.20
DE	50	0.40	-0.33
FL	10	0.39	-0.26
FL	30	0.39	-0.21
FL	50	0.39	-0.21
FL	80	0.39	-0.21
GA	10	0.39	-0.25
GA	20	0.39	-0.25
GA	30	0.39	-0.25

Excess Supply Soya

STATE	CRD	SURPLUS	EX-SUP-ELA
AL	40	443,405	0.58
AL	50	443,405	0.58
AL	60	443,405	0.58
AR	10	98,204	0.61
AR	20	98,204	0.54
AR	30	36,316,432	0.58
AR	40	890,530	0.58
AR	50	13,077,894	2.82
AR	60	13,077,894	2.82
AR	70	597,034	0.58
AR	80	98,204	0.58
AR	90	17,245,925	0.58
DE	20	1,294,505	0.63
DE	50	1,294,505	0.63
DE	80	1,294,505	0.63
FL	10	261,244	0.40
FL	50	60,150	0.40
GA	40	1,563,077	0.40
GA	50	1,563,077	0.40
GA	60	1,563,077	0.40
IL	10	42,851,560	0.27
IL	20	32,998,149	0.27
IL	60	45,899,002	0.27
IL	70	63,887,036	0.27
IL	80	5,033,170	1.51
IL	90	5,033,170	1.51
IN	10	31,204,255	0.27
IN	20	1,868,557	9.15
IN	30	1,868,557	9.15
IN	40	9,656,325	2.46
IN	50	5,449,245	2.99
IN	60	5,449,245	2.99
IN	80	683,797	1.28
IN	90	683,797	1.28
IA	10	49,353,230	1.23
IA	30	38,375,364	0.27

Excess Demand Soya

STATE	CRD	S-ELAST	EX-DEM-ELA
AL	10	0.38	-0.18
AL	20	0.38	-0.18
AL	30	0.38	-0.18
GA	10	0.38	-0.78
GA	20	0.38	-0.78
GA	30	0.38	-0.78
GA	70	0.38	-0.83
GA	80	0.38	-0.83
GA	90	0.38	-0.83
IL	30	0.25	-2.91
IL	40	0.25	-2.78
IL	50	0.25	-3.89
IN	70	0.25	-2.77
IA	20	0.25	-2.67
IA	40	0.25	-1.32
IA	70	0.25	-1.73
IA	80	0.25	-1.30
KS	70	0.50	-1.48
KS	80	0.50	-1.48
KY	20	0.38	-2.85
LA	40	0.54	-1.68
LA	50	0.54	-1.68
LA	60	0.54	-1.68
LA	70	0.54	-1.68
LA	80	0.54	-1.68
LA	90	0.54	-1.68
MD	10	0.59	-1.65
MD	20	0.59	-1.65
MD	30	0.59	-1.65
MD	80	0.59	-1.65
MD	90	0.59	-1.65
MN	80	0.33	-1.36
MO	10	0.25	-1.45
MO	40	0.25	-1.25
NC	10	0.38	-1.04
NC	20	0.38	-1.04

Excess Supply Corn

STATE	CRD	SURPLUS	EX-SUP-ELA
KY	20	58,507,928	0.82
KY	40	11,146,876	2.08
LA	30	86,502,770	0.67
LA	60	10,539,448	15.67
MI	30	11,917,838	1.50
MI	60	33,926,544	1.60
MI	70	25,772,797	0.70
MI	80	25,772,797	0.70
MI	90	16,985,645	0.44
MN	10	4,940,697	4.31
MN	20	4,940,697	4.31
MN	30	4,940,697	4.31
MN	60	4,940,697	4.31
MN	40	123,610,468	0.80
MN	70	71,321,918	2.28
MN	80	119,988,496	1.09
MN	90	103,548,131	1.11
MO	10	69,528,029	1.89
MO	20	7,046,426	0.31
MO	30	43,430,485	0.46
MO	40	23,264,866	3.19
MO	60	20,997,104	0.59
MO	90	84,046,906	0.38
MS	10	18,014,815	0.69
MS	20	18,014,815	0.69
MS	30	1,923,286	0.36
MS	40	15,258,663	0.36
MS	50	15,258,663	0.36
MS	60	15,258,663	0.36
ND	10	19,783,720	1.31
ND	20	19,783,720	1.31
ND	30	19,783,720	1.31
ND	40	19,783,720	1.31
ND	50	19,783,720	1.31
ND	60	19,783,720	1.31
ND	70	19,783,720	1.31
ND	80	19,783,720	1.31
ND	90	19,783,720	1.31
NE	30	144,645,764	0.89
NE	50	108,079,752	0.69
NE	60	52,413,226	7.96

Excess Demand Corn

STATE	CRD	S-ELAST	EX-DEM-ELA
GA	40	0.39	-0.24
GA	50	0.39	-0.24
GA	60	0.39	-0.24
IA	60	0.31	-0.90
IA	80	0.31	-0.20
ID	10	0.67	-0.26
ID	70	0.67	-0.26
ID	80	0.67	-0.26
ID	90	0.67	-0.26
IL	40	0.31	-1.74
KS	30	0.57	-0.95
KS	40	0.57	-0.32
KS	50	0.57	-0.32
LA	10	0.65	-0.23
LA	20	0.65	-0.23
MA	10	0.40	-0.20
MD	30	0.40	-0.93
MD	90	0.40	-0.93
ME	10	0.40	-0.20
ME	20	0.40	-0.20
ME	30	0.40	-0.20
MI	10	0.36	-0.24
MN	50	0.36	-0.42
MO	50	0.31	-0.48
MO	70	0.31	-0.22
MO	80	0.31	-0.24
MS	70	0.36	-0.21
MS	80	0.36	-0.21
MS	90	0.36	-0.21
MT	50	0.96	-0.27
NC	10	0.39	-0.20
NC	20	0.39	-0.20
NC	40	0.39	-0.20
NC	50	0.39	-0.20
NC	60	0.39	-0.20
NC	70	0.39	-0.23
NC	80	0.39	-0.23
NC	90	0.39	-0.23
NE	10	0.57	-0.83
NE	20	0.57	-0.83
NH	10	0.40	-0.19

Excess Supply Soya

STATE	CRD	SURPLUS	EX-SUP-ELA
IA	50	50,693,359	0.94
IA	60	43,977,444	0.27
IA	90	35,057,638	0.27
KS	10	1,718,194	0.53
KS	20	1,718,194	0.53
KS	30	1,718,194	0.53
KS	40	12,060,095	0.53
KS	50	12,060,095	0.53
KS	60	9,860,554	0.53
KS	90	12,458,490	0.53
LA	10	421,272	0.58
LA	20	421,272	0.58
LA	30	9,150,808	0.57
MI	10	50,218	0.36
MI	20	1,770,179	0.36
MI	30	1,770,179	0.36
MI	40	1,770,179	0.36
MI	50	1,770,179	0.36
MI	60	15,176,950	0.36
MI	70	12,373,397	0.84
MI	80	12,373,397	0.84
MI	90	17,743,640	0.36
MN	10	10,971,903	0.36
MN	20	10,971,903	0.36
MN	30	10,971,903	0.36
MN	40	24,473,372	1.33
MN	50	34,595,523	0.36
MN	60	10,971,903	0.36
MN	70	34,673,555	1.22
MN	90	31,080,385	0.36
MS	10	5,614,747	8.85
MS	20	5,614,747	8.85
MS	30	2,946,114	0.58
MS	40	9,723,292	0.58
MS	50	9,723,292	0.58
MS	60	9,723,292	0.58
MS	70	621,664	0.58
MS	80	621,664	0.58
MS	90	621,664	0.58
MO	20	31,587,027	0.27
MO	30	13,773,463	1.77

Excess Demand Soya

STATE	CRD	S-ELAST	EX-DEM-ELA
NC	40	0.38	-1.04
NC	50	0.38	-1.04
NC	60	0.38	-1.04
NC	70	0.38	-1.04
NC	80	0.38	-1.04
NC	90	0.38	-1.04
SC	10	0.38	-1.35
SC	20	0.38	-1.35
SC	30	0.38	-1.35
SC	40	0.38	-1.35
SC	50	0.38	-1.35
SC	80	0.38	-1.35
VA	50	0.38	-2.10
VA	60	0.38	-2.10
VA	90	0.38	-2.10

Excess Supply Corn

STATE	CRD	SURPLUS	EX-SUP-ELA
NE	70	76,495,342	1.18
NE	80	71,461,353	2.85
NE	90	85,535,431	1.06
NJ	20	2,208,178	0.61
NJ	50	2,208,178	0.61
NJ	80	2,208,178	0.61
NY	40	1,400,545	0.43
NY	50	1,400,545	0.43
NY	60	1,400,545	0.43
NY	70	1,400,545	0.43
NY	80	1,400,545	0.43
NY	90	1,400,545	0.43
NY	91	1,400,545	0.43
OH	10	71,485,586	0.40
OH	20	71,485,586	0.40
OH	40	59,263,725	0.61
OH	50	59,263,725	0.61
OH	70	7,301,293	4.77
OH	80	7,301,293	4.77
OH	90	1,061,767	0.60
OK	40	1,948,703	0.82
PA	10	4,607,669	0.78
PA	40	4,607,669	0.78
PA	70	4,607,669	0.78
SD	10	7,421,891	4.29
SD	20	7,421,891	4.29
SD	40	7,421,891	4.29
SD	70	7,421,891	4.29
SD	30	31,060,767	3.86
SD	50	2,480,496	1.41
SD	60	52,384,138	2.14
SD	90	52,384,138	2.14
SD	80	4,839,935	1.43
TN	30	1,505,477	1.52
TN	40	1,505,477	1.52
TX	40	37,507,120	4.52
TX	82	2,521,233	1.18
TX	90	26,517,550	1.65
VA	50	1,298,124	2.95
VA	60	1,298,124	2.95
VA	90	1,298,124	2.95

Excess Demand Corn

STATE	CRD	S-ELAST	EX-DEM-ELA
NM	10	0.67	-0.33
NM	30	0.67	-0.33
NM	70	0.67	-0.33
NM	90	0.67	-0.33
NV	30	0.67	-0.20
NY	20	0.40	-0.31
OH	30	0.31	0.31
OH	60	0.31	0.31
OK	10	0.82	-0.36
OK	20	0.82	-0.22
OK	30	0.82	-0.22
OK	50	0.82	-0.22
OK	60	0.82	-0.22
OK	70	0.82	-0.21
OK	80	0.82	-0.21
OK	90	0.82	-0.21
OR	10	0.67	-0.29
OR	70	0.67	-0.29
PA	20	0.40	-0.53
PA	50	0.40	-0.53
PA	90	0.40	-0.53
RI	10	0.40	-0.18
SC	10	0.39	-0.30
SC	20	0.39	-0.30
SC	30	0.39	-0.30
SC	40	0.39	-0.30
SC	50	0.39	-0.30
SC	80	0.39	-0.30
TN	10	0.39	-0.55
TN	20	0.39	-0.55
TN	50	0.39	-0.47
TN	60	0.39	-0.47
TX	11	0.82	-0.26
TX	12	0.82	-0.22
TX	21	0.82	-0.20
TX	22	0.82	-0.20
TX	30	0.82	-0.20
TX	51	0.82	-0.20
TX	52	0.82	-0.22
TX	70	0.82	-0.21
TX	81	0.82	-0.26

Excess Supply Soya

STATE	CRD	SURPLUS	EX-SUP-ELA
MO	50	18,351,834	0.27
MO	60	10,758,895	0.27
MO	70	5,540,703	0.27
MO	80	868,211	0.27
MO	90	30,608,337	0.27
NE	10	2,014,294	0.53
NE	20	2,014,294	0.53
NE	30	34,094,241	1.37
NE	50	11,555,015	0.53
NE	60	16,133,088	9.02
NE	70	3,453,202	0.53
NE	80	19,664,863	0.53
NE	90	46,315,253	0.53
NJ	20	910,989	0.63
NJ	50	910,989	0.63
NJ	80	910,989	0.63
NY	20	153,667	0.66
NY	30	153,667	0.66
NY	40	1,185,875	0.66
NY	50	1,185,875	0.66
NY	60	1,185,875	0.66
NY	70	1,185,875	0.66
NY	80	1,185,875	0.66
NY	90	1,185,875	0.66
NY	91	1,185,875	0.66
ND	10	12,976,044	0.82
ND	20	12,976,044	0.82
ND	30	12,976,044	0.82
ND	40	12,976,044	0.82
ND	50	12,976,044	0.82
ND	60	12,976,044	0.82
ND	70	12,976,044	0.82
ND	80	12,976,044	0.82
ND	90	12,976,044	0.82
OH	10	2,437,618	2.21
OH	20	2,437,618	2.21
OH	30	6,348,373	0.27
OH	40	10,823,654	3.25
OH	50	10,823,654	3.25
OH	60	6,348,373	0.27
OH	70	11,857,271	0.27

Excess Demand Soya

STATE	CRD	S-ELAST	EX-DEM-ELA

Excess Supply Corn

STATE	CRD	SURPLUS	EX-SUP-ELA
WI	50	867,475	0.84
WI	70	17,985,636	1.51
WI	80	17,985,636	1.51
WI	90	17,985,636	1.51

Excess Demand Corn

STATE	CRD	S-ELAST	EX-DEM-ELA
TX	96	0.82	-0.42
TX	97	0.82	-0.42
UT	10	0.67	-0.22
UT	50	0.67	-0.22
UT	60	0.67	-0.22
UT	70	0.67	-0.22
VA	20	0.39	-0.22
VA	40	0.39	-0.22
VA	70	0.39	-0.22
VA	80	0.39	-0.22
VT	10	0.40	-0.20
WA	10	0.67	-0.28
WA	20	0.67	-0.28
WA	30	0.67	-0.28
WA	50	0.67	-0.28
WA	90	0.67	-0.28
WI	10	0.36	-0.33
WI	20	0.36	-0.33
WI	40	0.36	-0.33
WV	60	0.39	-0.23
WY	20	0.67	-0.89
WY	40	0.67	-0.89

Excess Supply Soya

STATE	CRD	SURPLUS	EX-SUP-ELA
OH	80	11,857,271	0.27
OH	90	1,833,621	0.27
OK	10	128,335	0.61
OK	30	680,731	0.61
OK	40	1,283,345	0.61
OK	70	1,707,407	0.61
OK	80	443,591	0.61
OK	90	443,591	0.61
PA	10	1,313,104	0.63
PA	20	2,546,231	0.63
PA	30	2,546,231	0.63
PA	40	1,313,104	0.63
PA	50	2,546,231	0.63
PA	60	2,546,231	0.63
PA	70	1,313,104	0.63
PA	80	2,546,231	0.63
PA	90	2,546,231	0.63
SD	10	7,074,021	0.82
SD	20	7,074,021	0.82
SD	30	30,373,987	0.12
SD	40	7,074,021	0.82
SD	50	12,495,317	0.82
SD	60	22,993,971	0.63
SD	70	7,074,021	0.82
SD	80	1,161,706	0.82
SD	90	22,993,971	0.63
TN	10	7,755,868	0.40
TN	20	7,755,868	0.40
TN	30	1,233,127	0.09
TN	40	1,233,127	0.09
TN	50	753,268	0.40
TN	60	753,268	0.40
TX	11	511,405	0.61
TX	12	99,889	0.61
TX	40	1,624,958	0.61
TX	51	350,550	0.61
TX	81	107,862	0.60
TX	90	633,687	0.61
TX	96	57,448	0.57
VA	20	390,583	0.40
VA	40	390,583	0.40

Excess Demand Soya

STATE	CRD	S-ELAST	EX-DEM-ELA

Excess Supply Corn

STATE	CRD	SURPLUS	EX-SUP-ELA

Excess Demand Corn

STATE	CRD	S-ELAST	EX-DEM-ELA

Excess Supply Soya

STATE	CRD	SURPLUS	EX-SUP-ELA
VA	70	390,583	0.40
VA	80	390,583	0.40
WV	20	171,857	0.40
WV	40	171,857	0.40
WV	60	171,857	0.40
WI	10	4,177,381	0.01
WI	20	4,177,381	0.01
WI	30	4,839,513	0.12
WI	40	4,177,381	0.01
WI	50	4,839,513	0.12
WI	60	4,839,513	0.12
WI	70	10,277,920	0.06
WI	80	10,277,920	0.06
WI	90	10,277,920	0.06

Excess Demand Soya

STATE	CRD	S-ELAST	EX-DEM-ELA

Elasticity of Corn International

This file contains quarterly foreign excess supply and excess demand elasticities for corn and soybeans.

NOTE: All elasticity data are FAPRI elasticity estimates for 2003-04.

Source: Data come from file "Domestic and Foreign Elasticities.xlsx", which comes from the old (2004) model.

FOREIGN SUPPLY AND DEMAND ELASTICITIES FOR CORN

		D-ELAST	S-ELAST	EX-DEM-ELA
SCANDINAVIA	Fall	-0.32	0.28	
	Winter	-0.32		-0.17
	Spring	-0.32		-0.32
	Summer	-0.32		-0.28
NW-EUROPE	Fall	-0.32	0.29	-0.28
	Winter			-0.28
NE-EUROPE	Fall	-0.31	0.28	-1.79
SE-EUROPE	Fall	-0.29	0.24	-3.13
	Winter	-0.29		-18.07
	Spring	-0.29		-18.07
	Summer	-0.29		-91.71
E-MEDITERRANEAN	Fall	-0.12	0.24	-0.28
	Winter	-0.12		-0.24
	Spring	-0.12		-0.24
	Summer	-0.12		-0.28
N-AFRICA	Fall	-0.44	0.29	-0.58
	Winter	-0.44		-0.45
	Summer	-0.44		-0.48
E-AFRICA	Fall	-0.24	0.24	-20.50
	Winter	-0.24		-1.27
	Spring	-0.24		-4.86
	Summer	-0.24		-39.94
W-AFRICA	Fall	-0.13		-10.96
	Winter			-10.96
	Spring			-10.96
	Summer			-10.96
PERSIAN GULF	Fall	-0.24	0.12	-0.33
	Winter			-0.33
	Spring	-0.24		-0.25
	Summer	-0.24		-0.32
SE-ASIA	Fall	-0.18	0.21	-1.05
	Winter	-0.18		-841.55
	Spring	-0.18		-1.22
	Summer	-0.18		-0.39
TAIWAN	Fall	-0.20	0.31	-0.21
	Winter	-0.20		-0.21
	Spring	-0.20		-0.19
	Summer	-0.20		-0.22
KOREA	Fall	-0.17	0.42	-0.18
	Winter	-0.17		-0.24
	Spring	-0.17		-0.20
	Summer	-0.17		-0.23
JAPAN	Fall	-0.16	0.40	-0.17
	Winter	-0.16		-0.15
	Spring	-0.16		-0.17

		D-ELAST	S-ELAST	EX-DEM-ELA
	Summer	-0.16		-0.17
WEST S. AMERICA	Fall	-0.22	0.26	-0.41
	Winter	-0.22		-0.43
	Spring	-0.22		-0.65
	Summer	-0.22		-0.41
CENTRAL AMERICA	Fall	-0.21	0.24	-0.43
	Winter	-0.21		-0.55
	Spring	-0.21		-0.51
	Summer	-0.21		-0.39
CARIBBEAN	Fall	-0.24	0.22	-0.40
	Winter	-0.24		-0.48
	Spring	-0.24		-0.35
	Summer	-0.24		-0.35
EU-NORTH	Fall	-0.32	0.29	-2.65
	Winter	-0.32		-2.95
	Spring	-0.32		-2.21
	Summer	-0.32		-11.38
EU-SOUTH	Fall	-0.32	0.29	-2.08
	Winter	-0.32		-2.32
	Spring	-0.32		-1.74
	Summer	-0.32		-8.96

Elasticity of Soybeans International

FOREIGN SUPPLY AND DEMAND ELASTICITIES FOR SOYBEANS

		D-ELAST	S-ELAST	EX-DEM-ELA
SCANDINAVIA	Fall	-0.90	0.26	-0.79
	Winter	-0.90		-1.25
	Spring	-0.90		-0.85
	Summer	-0.90		-0.83
NW-EUROPE	Fall	-0.75	0.18	-0.69
	Winter	-0.75		-0.31
NE-EUROPE	Fall	-0.90	0.26	-88.50
SE-EUROPE	Fall	-0.90	0.26	-4.58
	Winter	-0.90		-4.58
	Spring	-0.90		-4.58
	Summer	-0.90		-4.58
E-MEDITERRANEAN	Fall	-0.90	0.26	-0.75
	Winter	-0.90		-1.09
	Spring	-0.90		-0.69
	Summer	-0.90		-1.21
N-AFRICA	Fall	-0.90	0.26	-1.07
	Winter	-0.90		-0.56
	Summer	-0.90		-0.62
E-AFRICA	Fall	-0.90	0.26	-4.39
	Winter	-0.90		-4.39
	Spring	-0.90		-4.39
	Summer	-0.90		-4.39
W-AFRICA	Winter	-0.90		-9.24
PERSIAN GULF	Fall	-0.90	0.26	-0.82
	Spring	-0.90		-0.79
	Summer	-0.90		-0.62
SW-ASIA	Fall	-0.90	0.26	-0.91
	Winter	-0.90		-0.91
	Spring	-0.90		-0.91
	Summer	-0.90		-0.91
SE-ASIA	Fall	-0.90	0.26	-1.08
	Winter	-0.90		-1.37
	Spring	-0.90		-1.25
	Summer	-0.90		-1.47
TAIWAN	Fall	-1.37	0.20	-1.12
	Winter	-1.37		-1.57
	Spring	-1.37		-1.32
	Summer	-1.37		-1.89
KOREA	Fall	-1.40	0.41	-1.78
	Winter	-1.40		-2.33
	Spring	-1.40		-1.23
	Summer	-1.40		-2.56
JAPAN	Fall	-0.60	0.36	-0.55
	Winter	-0.60		-0.56
	Spring	-0.60		-0.61

		D-ELAST	S-ELAST	EX-DEM-ELA
	Summer	-0.60		-0.94
CHINA	Fall	-0.28	0.19	-0.48
	Winter	-0.28		-0.69
	Spring	-0.28		-0.62
	Summer	-0.28		-0.57
WEST S. AMERICA	Fall	-0.90	0.26	-14.91
	Winter	-0.90		-15.75
	Spring	-0.90		-2.39
	Summer	-0.90		-3.38
CENTRAL AMERICA	Fall	-0.90	0.26	-0.84
	Winter	-0.90		-0.87
	Spring	-0.90		-0.89
	Summer	-0.90		-3.44
CARIBBEAN	Fall	-0.90	0.26	-1.25
	Winter	-0.90		-0.81
	Spring	-0.90		-1.30
	Summer	-0.90		-0.65
EU-NORTH	Fall	-0.75	0.18	-0.50
	Winter	-0.75		-0.84
	Spring	-0.75		-0.61
	Summer	-0.75		-0.69
EU-SOUTH	Fall	-0.75	0.18	-0.84
	Winter	-0.75		-1.74
	Spring	-0.75		-1.13
	Summer	-0.75		-0.84

EXCESS DEMAND CORN - MEXICO

		PRICE	SUPPLY	CONSUMP	D-ELAST	S-ELAST	EX-DEM-ELA	IMPORTS	ORATE-GULF
NORTHWEST MEXICO	Fall	3.34	147.99	47.00	-0.44	0.28	-2.30	8.97	21.50
	Winter	3.85		47.00	-0.44		-6.36	3.25	26.50
	Spring	4.00		47.00	-0.44		-4.63	4.47	26.00
	Summer	3.30		47.00	-0.44		-5.62	3.68	25.50
NORTHEAST MEXICO	Fall	3.29	147.99	47.19	-0.44	0.28	-1.45	14.34	19.50
	Winter	3.80		47.19	-0.44		-3.98	5.22	24.50
	Spring	3.94		47.19	-0.44		-2.89	7.19	24.00
	Summer	3.25		47.19	-0.44		-3.54	5.86	23.50
WEST MEXICO	Fall	3.34	147.99	47.19	-0.44	0.28	-0.89	23.31	21.50
	Winter	3.85		47.19	-0.44		-2.45	8.47	26.50
	Spring	4.00		47.19	-0.44		-1.78	11.65	26.00
	Summer	3.30		47.19	-0.44		-2.18	9.54	25.50
CENTRAL MEXICO	Fall	3.29	147.99	47.19	-0.44	0.28	-0.83	25.13	19.50
	Winter	3.80		47.19	-0.44		-2.27	9.15	24.50
	Spring	3.94		47.19	-0.44		-1.65	12.58	24.00
	Summer	3.25		47.19	-0.44		-2.02	10.30	23.50
SOUTH MEXICO	Fall	3.29	147.99	47.19	-0.44	0.28	-1.16	17.95	19.50
	Winter	3.80		47.19	-0.44		-3.19	6.51	24.50
	Spring	3.94		47.19	-0.44		-2.31	8.97	24.00
	Summer	3.25		47.19	-0.44		-2.83	7.33	23.50

EXCESS DEMAND SOYA - MEXICO

		PRICE	SUPPLY	CONSUMP	D-ELAST	S-ELAST	EX-DEM-ELA	IMPORTS	ORATE-GULF
NORTHWEST MEXICO	Fall	8.51	0.83	6.54	-0.90	0.26	-0.91	6.47	21.50
	Winter	9.96		6.54	-0.90		-1.16	5.07	26.50
	Spring	10.47		6.54	-0.90		-1.21	4.87	26.00
	Summer	7.56		6.54	-0.90		-1.54	3.83	25.50
NORTHEAST MEXICO	Fall	8.46	0.83	6.54	-0.90	0.26	-0.66	8.90	19.50
	Winter	9.91		6.54	-0.90		-0.85	6.97	24.50
	Spring	10.41		6.54	-0.90		-0.88	6.67	24.00
	Summer	7.51		6.54	-0.90		-1.11	5.30	23.50
WEST MEXICO	Fall	8.51	0.83	6.54	-0.90	0.26	-0.40	14.56	21.50
	Winter	9.96		6.54	-0.90		-0.52	11.40	26.60
	Spring	10.47		6.54	-0.90		-0.54	10.93	26.00
	Summer	7.56		6.54	-0.90		-0.68	8.67	25.50
CENTRAL MEXICO	Fall	8.46	0.83	6.54	-0.90	0.26	-0.97	6.07	19.50
	Winter	9.91		6.54	-0.90		-1.24	4.77	24.50
	Spring	10.41		6.54	-0.90		-1.29	4.57	24.00
	Summer	7.51		6.54	-0.90		-1.64	3.60	23.50
SOUTH MEXICO	Fall	8.46	0.83	6.54	-0.90	0.26	-1.32	4.47	19.50
	Winter	9.91		6.54	-0.90		-1.68	3.50	24.50
	Spring	10.41		6.54	-0.90		-1.77	3.33	24.00
	Summer	7.51		6.54	-0.90		-2.24	2.63	23.50

Barge Rates
U.S.

Barge Rate, (US$/Metric Ton Mile) For corn and soybean shipments between barge locations.

		LA_CRD60		Baton Rogue, LA		AL_CRD10		Huntsville, AL		TN_CRD60		Knoxville, TN		TN_CRD10		Memphis, TN		TN_CRD40		Nashville, TN		MO_CRD20		Glasgow, MO		KY_CRD30		Louisville, KY	
City, State	Location	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer
Augusta, AR	AR_CRD60	0.0763	0.0496	0.0512	0.0636																								
Beardstown, IL	IL_CRD60	0.0278	0.0205	0.0205	0.0255	0.0441	0.0325	0.0325	0.0403	0.0325	0.0240	0.0240	0.0298	0.0764	0.0564	0.0564	0.0700	0.0243	0.0179	0.0180	0.0223	0.0673	0.0497	0.0497	0.0616	0.0529	0.0390	0.0390	0.0484
Burlington, IA	IA_CRD90	0.0272		0.0223	0.0256	0.0443		0.0363	0.0416	0.0327		0.0268	0.0308	0.0652		0.0534	0.0613	0.0238		0.0195	0.0224	0.0628		0.0515	0.0591	0.0474		0.0388	0.0445
Cairo, IL	IL_CRD80	0.0263	0.0169	0.0173	0.0219	0.0505	0.0324	0.0332	0.0421	0.0312	0.0200	0.0205	0.0260	0.1304	0.0836	0.0857	0.1087	0.0229	0.0147	0.0151	0.0191	0.0350	0.0225	0.0230	0.0292	0.0690	0.0442	0.0454	0.0575
Catoosa, OK	OK_CRD70	0.0484	0.0315	0.0325	0.0403																								
Chester, IL	IL_CRD80	0.0247	0.0168	0.0168	0.0212	0.0430	0.0293	0.0292	0.0370	0.0291	0.0199	0.0198	0.0250	0.0921	0.0628	0.0625	0.0791	0.0205	0.0140	0.0139	0.0176	0.0567	0.0387	0.0385	0.0487	0.0548	0.0374	0.0372	0.0471
Cincinnati, OH	OH_CRD70	0.0229	0.0148	0.0151	0.0186	0.0310	0.0201	0.0204	0.0252	0.0243	0.0158	0.0160	0.0198	0.0494	0.0320	0.0325	0.0402	0.0243	0.0158	0.0160	0.0198	0.0215	0.0139	0.0141	0.0175	0.2317	0.1503	0.1524	0.1885
Clinton, IA	IA_CRD60	0.0268		0.0220	0.0252	0.0385		0.0316	0.0362	0.0303		0.0248	0.0285	0.0596		0.0488	0.0560	0.0247		0.0202	0.0232	0.0521		0.0427	0.0490	0.0448		0.0367	0.0421
Dubuque, IA	IA_CRD30	0.0270		0.0222	0.0254	0.0382		0.0313	0.0359	0.0302		0.0247	0.0283	0.0571		0.0469	0.0537	0.0244		0.0200	0.0229	0.0497		0.0408	0.0468	0.0430		0.0352	0.0404
Evansville, IN	IN_CRD70	0.0262	0.0170	0.0173	0.0213	0.0442	0.0288	0.0292	0.0361	0.0295	0.0192	0.0195	0.0241	0.0752	0.0490	0.0497	0.0614	0.0381	0.0248	0.0252	0.0311	0.0250	0.0163	0.0165	0.0204	0.1408	0.0917	0.0930	0.1148
Glasgow, MO	MO_CRD20	0.0331		0.0272	0.0312	0.0470		0.0385	0.0442	0.0365		0.0300	0.0344	0.0673		0.0552	0.0633	0.0261		0.0214	0.0245					0.0551		0.0452	0.0518
Hannibal, MO	MO_CRD30	0.0281		0.0230	0.0264	0.0419		0.0343	0.0394	0.0314		0.0257	0.0295	0.0727		0.0596	0.0684	0.0238		0.0195	0.0224	0.0738		0.0605	0.0694	0.0528		0.0433	0.0496
Hickman, KY	KY_CRD10	0.0262	0.0168	0.0172	0.0218																								
Kansas City, MO	MO_CRD40	0.0309		0.0253	0.0290	0.0414		0.0339	0.0389	0.0333		0.0273	0.0313	0.0582		0.0477	0.0547	0.0256		0.0210	0.0241	0.2633		0.2159	0.2475	0.0491		0.0403	0.0462
Louisville, KY	KY_CRD30	0.0242	0.0158	0.0160	0.0198	0.0351	0.0229	0.0232	0.0286	0.0262	0.0171	0.0173	0.0214	0.0577	0.0376	0.0381	0.0470	0.0266	0.0173	0.0176	0.0217	0.0229	0.0149	0.0152	0.0187				
Madison, IN	IN_CRD90	0.0236	0.0153	0.0155	0.0192	0.0330	0.0214	0.0217	0.0268	0.0252	0.0164	0.0166	0.0205	0.0539	0.0350	0.0355	0.0439	0.0256	0.0166	0.0168	0.0208	0.0222	0.0144	0.0146	0.0180	0.6157	0.3993	0.4051	0.5010
McGregor, IA	IA_CRD30	0.0274		0.0236	0.0269	0.0367		0.0316	0.0360	0.0296		0.0255	0.0290	0.0554		0.0478	0.0544	0.0250		0.0215	0.0245	0.0486		0.0419	0.0477	0.0427		0.0368	0.0419
Memphis, TN	TN_CRD10	0.0318	0.0204	0.0209	0.0265																								
Muscatine, IA	IA_CRD60	0.0299		0.0245	0.0281	0.0433		0.0355	0.0407	0.0327		0.0268	0.0307	0.0626		0.0513	0.0588	0.0241		0.0198	0.0227	0.0594		0.0487	0.0558	0.0468		0.0384	0.0440
Muskogee, OK	OK_CRD80	0.0489	0.0318	0.0328	0.0407																								
Nebraska City, NE	NE_CRD90	0.0318		0.0261	0.0299	0.0408		0.0335	0.0384	0.0339		0.0278	0.0318	0.0541		0.0444	0.0509	0.0272		0.0223	0.0256	0.1184		0.0971	0.1113	0.0472		0.0387	0.0443
Omaha, NE	NE_CRD60	0.0318		0.0261	0.0299	0.0405		0.0332	0.0380	0.0338		0.0277	0.0317	0.0531		0.0435	0.0499	0.0278		0.0228	0.0261	0.1150		0.0943	0.1081	0.0466		0.0382	0.0438
Osceola, AR	AR_CRD30	0.0301	0.0193	0.0198	0.0251																								
Ottawa, IL	IL_CRD20	0.0270	0.0199	0.0199	0.0247	0.0390	0.0288	0.0288	0.0357	0.0304	0.0224	0.0224	0.0278	0.0641	0.0473	0.0473	0.0587	0.0240	0.0177	0.0177	0.0220	0.0543	0.0401	0.0401	0.0497	0.0465	0.0343	0.0343	0.0426
Peoria, IL	IL_CRD40	0.0269	0.0199	0.0199	0.0247	0.0402	0.0297	0.0297	0.0368	0.0307	0.0226	0.0226	0.0281	0.0689	0.0508	0.0509	0.0631	0.0242	0.0179	0.0179	0.0222	0.0589	0.0434	0.0435	0.0539	0.0487	0.0359	0.0359	0.0446
Pine Bluff, AR	AR_CRD90	0.0503	0.0327	0.0337	0.0419																								
Red Wing, MN	MN_CRD90	0.0246		0.0212	0.0242	0.0328		0.0282	0.0321	0.0272		0.0235	0.0267	0.0470		0.0405	0.0461	0.0228		0.0197	0.0224	0.0403		0.0347	0.0395	0.0374		0.0322	0.0367
Sioux City, IA	IA_CRD40	0.0347		0.0285	0.0326	0.0435		0.0357	0.0409	0.0366		0.0300	0.0344	0.0554		0.0454	0.0521	0.0310		0.0254	0.0291	0.1071		0.0878	0.1007	0.0492		0.0403	0.0462
St. Joseph, MO	MO_CRD10	0.0325		0.0266	0.0305	0.0428		0.0351	0.0402	0.0347		0.0285	0.0327	0.0585		0.0479	0.0549	0.0277		0.0227	0.0260	0.1919		0.1574	0.1804	0.0500		0.0410	0.0470
St. Louis, MO	MO_CRD60	0.0235	0.0160	0.0159	0.0202	0.0404	0.0276	0.0274	0.0347	0.0280	0.0191	0.0190	0.0241	0.0797	0.0543	0.0540	0.0684	0.0204	0.0139	0.0139	0.0176	0.0722	0.0492	0.0489	0.0620	0.0495	0.0338	0.0336	0.0425
St. Paul, MN	CO_CRD20	0.0243		0.0210	0.0239	0.0322		0.0277	0.0316	0.0269		0.0231	0.0263	0.0451		0.0389	0.0442	0.0223		0.0192	0.0218	0.0385		0.0331	0.0377	0.0360		0.0310	0.0353
Vicksburg, MS	MS_CRD70	0.0665	0.0433	0.0446	0.0554																								
Winona, MN	MN_CRD90	0.0258		0.0223	0.0253	0.0350		0.0302	0.0344	0.0286		0.0247	0.0281	0.0503		0.0433	0.0493	0.0239		0.0206	0.0235	0.0452		0.0389	0.0443	0.0396		0.0341	0.0388

NOTE: $/MetricTonMile rates are based on files "BargeRate_Ston.xlsx" and "BargeDist_UID.xlsx". First, $/ShortTon rates are converted into metric ton rates and then divided by distance.
Some origin destination pairs are extrapolated using river distance chart and online GoogleMaps.

Rail Rates
Corn - U.S.

Average quarterly rail rates for corn in specific corridors for 2007-08 crop year (USD/CostTonMile)

	CORN ROUTES						Fall	Winter	Spring	Summer	Fall (unit tr.)	Winter (unit tr.)	Spring (unit tr.)	Summer (unit tr.)
Corridor 1	**From Locations:**						0.0237	0.0253	0.0252	0.0257	0.0231	0.0232	0.0231	0.0238
	IL_CRD30	IA_CRD10	IA_CRD20	IA_CRD30	IA_CRD40	IA_CRD50								
	IA_CRD70	IA_CRD80	IA_CRD90	MN_CRD10	MN_CRD20	MN_CRD40								
	MN_CRD50	MN_CRD60	MN_CRD70	MN_CRD80	MN_CRD90	MO_CRD10								
	MO_CRD30	NE_CRD20	NE_CRD30	NE_CRD50	NE_CRD60	NE_CRD70								
	NE_CRD80	NE_CRD90	ND_CRD20	ND_CRD30	ND_CRD50	ND_CRD60								
	ND_CRD90	SD_CRD10	SD_CRD20	SD_CRD30	SD_CRD40	SD_CRD50								
	SD_CRD60	SD_CRD80	SD_CRD90	WI_CRD10	WI_CRD40									
To Locations:	OR_CRD10	OR_CRD20	OR_CRD80	WA_CRD10	WA_CRD20									
Corridor 2	**From Locations:**						0.0322	0.0270	0.0317	0.0249	0.0204	0.0218	0.0241	0.0225
	IL_CRD30	IA_CRD10	IA_CRD20	IA_CRD30	IA_CRD40	IA_CRD50								
	IA_CRD60	IA_CRD70	IA_CRD80	IA_CRD90	KS_CRD70	KS_CRD80								
	KS_CRD90	MN_CRD10	MN_CRD20	MN_CRD40	MN_CRD50	MN_CRD60								
	MN_CRD70	MN_CRD80	MN_CRD90	MO_CRD10	MO_CRD20	MO_CRD30								
	MO_CRD40	MO_CRD50	NE_CRD20	NE_CRD30	NE_CRD50	NE_CRD60								
	NE_CRD70	NE_CRD80	NE_CRD90	SD_CRD30	SD_CRD40	SD_CRD50								
	SD_CRD60	SD_CRD80	SD_CRD90	WI_CRD10	WI_CRD40									
To Locations:	CA_CRD10	CA_CRD20	CA_CRD40	CA_CRD50	CA_CRD51	CA_CRD60								
Corridor 3	**From Locations:**						0.0246	0.0319	0.0296	0.0284	0.0209	0.0212	0.0212	0.0239
	IL_CRD10	IL_CRD20	IL_CRD40	IL_CRD50	IL_CRD70	IN_CRD10								
	IN_CRD20	IN_CRD30	IN_CRD40	IN_CRD50	IN_CRD60	IN_CRD70								
	IN_CRD80	IN_CRD90	MI_CRD70	MI_CRD80	WI_CRD80	WI_CRD90								
To Locations:	LA_CRD60	LA_CRD90	MS_CRD90											
Corridor 4	**From Locations:**						0.0498	0.0534	0.0529	0.0568	0.0455	0.0387	0.0443	0.0495
	IL_CRD10	IL_CRD20	IL_CRD40	IL_CRD50	IL_CRD70	IL_CRD90								
	IN_CRD10	IN_CRD20	IN_CRD30	IN_CRD40	IN_CRD50	IN_CRD60								
	IN_CRD70	IN_CRD80	IN_CRD90	KY_CRD20	MI_CRD70	MI_CRD80								
	WI_CRD80	WI_CRD90												
To Locations:	AL_CRD20	AL_CRD30	AL_CRD40	AL_CRD60	GA_CRD10	GA_CRD20								
	GA_CRD30	GA_CRD40	GA_CRD50	GA_CRD60	GA_CRD70	GA_CRD80								
	GA_CRD90	NC_CRD20	SC_CRD10	SC_CRD40	TN_CRD50	TN_CRD60								

Corridor 5	**From Locations:**							0.0413	0.0389	0.0347	0.0451	0.0257	0.0247	0.0251	0.0267
	IL_CRD30	IL_CRD40	IL_CRD60	IA_CRD10	IA_CRD20	IA_CRD30									
	IA_CRD40	IA_CRD50	IA_CRD70	IA_CRD80	IA_CRD90	KS_CRD70									
	KS_CRD80	KS_CRD90	MO_CRD10	MO_CRD20	MO_CRD30	MO_CRD40									
	MO_CRD50	NE_CRD20	NE_CRD30	NE_CRD50	NE_CRD60	NE_CRD70									
	NE_CRD80	NE_CRD90	SD_CRD90												
To Locations:	TX_CRD40	TX_CRD51	TX_CRD52	TX_CRD70	TX_CRD81	TX_CRD82									
	TX_CRD90	TX_CRD96	TX_CRD97												
Corridor 6	**From Locations:**							0.0505	0.0526	0.0518	0.0502	0.0288	0.0299	0.0326	0.0349
	IL_CRD10	IL_CRD20	IL_CRD30	IL_CRD40	IL_CRD50	IN_CRD10									
	IA_CRD10	IA_CRD20	IA_CRD30	IA_CRD40	IA_CRD50	IA_CRD60									
	IA_CRD70	IA_CRD80	IA_CRD90	MO_CRD10	MO_CRD30	NE_CRD20									
	NE_CRD30	NE_CRD50	NE_CRD60	NE_CRD70	NE_CRD80	NE_CRD90									
	SD_CRD90	WI_CRD50	WI_CRD70	WI_CRD80	WI_CRD90										
To Locations:	NM_CRD30	TX_CRD11	TX_CRD12	TX_CRD21											
Corridor 7	**From Locations:**							0.0507	0.0576	0.0539	0.0526	0.0367	0.0395	0.0377	0.0492
	IL_CRD70	IN_CRD10	IN_CRD20	IN_CRD30	IN_CRD40	IN_CRD50									
	IN_CRD60	IN_CRD70	IN_CRD80	IN_CRD90	MI_CRD70	MI_CRD80									
	OH_CRD10	OH_CRD20	OH_CRD40	OH_CRD50	OH_CRD60	OH_CRD70									
	OH_CRD80	OH_CRD90													
To Locations:	NC_CRD10	NC_CRD20	NC_CRD40	NC_CRD50	NC_CRD60	NC_CRD70									
	NC_CRD80	NC_CRD90	SC_CRD20	SC_CRD30	VA_CRD40	VA_CRD50									
	VA_CRD60	VA_CRD70	VA_CRD80	VA_CRD90	WV_CRD60										
Corn other	FROM all other UIN locations to other UIN locations[4]														
	Short distance (miles): 100 - 500						Short	0.0585	0.0589	0.0588	0.0618	0.0480	0.0456	0.0474	0.0541
	Medium distance (m): 501 - 1000						Medium	0.0414	0.0427	0.0431	0.0450	0.0330	0.0318	0.0335	0.0365
	Long distance (miles): greater than 1000						Long	0.0255	0.0265	0.0270	0.0279	0.0255	0.0265	0.0270	0.0279

This worksheet contains quarterly rail rates (USD/MetricTon Miles) for corn movements between two geographic regions.

Annual waybill data sets for 2007 and 2008 are used for the calculation of rail rates

For each commodity, transportation **corridors** are assigned for high volume of commodity movements between two specific geographic regions.
For example, corn route 3 reflects a high volume of corn movement between Illinois (and part of Indiana) and Gulf Coast.

Quarterly rates are calculated as the arithmetic average of rail rates within quarter and within corridor.

Quarterly rates for unit train shipments are calculated as the arithmetic average of rail rates within quarter and within corridor.
These rates are usually lower than non-unit-train shipment rates.

The movements that do not belong to any corridor are pooled into **"all other" category** and the quarterly average rates are calculated for three distinct distance categories.

Rail Rates
Soybeans - U.S.

Average quarterly rail rates for soybean in specific corridors for 2007-08 crop year (USD/CostTonMile)

	SOYBEAN ROUTES							Fall	Winter	Spring	Summer	Fall (unit tr.)	Winter (unit tr.)	Spring (unit tr.)	Summer (unit tr.)
Corridor PNW	**From Locations:**							0.0312	0.0259	0.0288	0.0314	0.0246	0.0236	0.0248	0.0259
	IL_CRD30	IA_CRD10	IA_CRD20	IA_CRD30	IA_CRD40	IA_CRD50									
	IA_CRD60	IA_CRD70	IA_CRD80	IA_CRD90	MN_CRD10	MN_CRD20									
	MN_CRD40	MN_CRD50	MN_CRD60	MN_CRD70	MN_CRD80	MN_CRD90									
	MO_CRD10	MO_CRD30	NE_CRD20	NE_CRD30	NE_CRD50	NE_CRD60									
	NE_CRD70	NE_CRD80	NE_CRD90	ND_CRD20	ND_CRD30	ND_CRD50									
	ND_CRD60	ND_CRD90	SD_CRD10	SD_CRD20	SD_CRD30	SD_CRD40									
	SD_CRD50	SD_CRD60	SD_CRD80	SD_CRD90	WI_CRD10	WI_CRD40									
To Location:	WA_CRD10														
Corridor GULF	**From Locations:**							0.0253	0.0254	0.0282	0.0263	0.0253	0.0254	0.0282	0.0263
	IL_CRD10	IL_CRD30	IL_CRD40	IL_CRD60	IA_CRD10	IA_CRD20									
	IA_CRD30	IA_CRD40	IA_CRD50	IA_CRD60	IA_CRD70	IA_CRD80									
	IA_CRD90	KS_CRD70	KS_CRD80	KS_CRD90	MN_CRD10	MN_CRD20									
	MN_CRD40	MN_CRD50	MN_CRD60	MN_CRD70	MN_CRD80	MN_CRD90									
	MO_CRD10	MO_CRD20	MO_CRD30	MO_CRD40	MO_CRD50	NE_CRD20									
	NE_CRD30	NE_CRD50	NE_CRD60	NE_CRD70	NE_CRD80	NE_CRD90									
	ND_CRD20	ND_CRD30	ND_CRD50	ND_CRD60	ND_CRD90	SD_CRD10									
	SD_CRD20	SD_CRD30	SD_CRD40	SD_CRD50	SD_CRD60	SD_CRD80									
	SD_CRD90	WI_CRD10	WI_CRD40	WI_CRD50	WI_CRD70	WI_CRD80									
To Locations:	LA_CRD60	LA_CRD90	MS_CRD90												
Non-export	FROM various BEAs to other BEAs														
	Short distance (miles): 100 - 500						Short	0.0580	0.0601	0.0586	0.0594	0.0484	0.0457	0.0458	0.0564
	Medium distance (m): 501 - 1000						Medium	0.0323	0.0399	0.0319	0.0384	0.0287	0.0291	0.0306	0.0339
	Long distance (miles): greater than 1000						Long	0.0265	0.0224	0.0231	0.0296	0.0265	0.0224	0.0231	0.0296

This worksheet contains quarterly rail rates (USD/MetricTon Miles) for soybean movements between two geographic regions.

Annual waybill data sets for 2007 and 2008 are used for the calculation of rail rates

For each commodity, transportation **corridors** are assigned for high volume of commodity movements between two specific geographic regions.
For example, corn route 3 reflects a high volume of corn movement between Illinois (and part of Indiana) and Gulf Coast.

Quarterly rates are calculated as the arithmetic average of rail rates within quarter and within corridor.

Quarterly rates for unit train shipments are calculated as the arithmetic average of rail rates within quarter and within corridor.
These rates are usually lower than non-unit-train shipment rates.

The movements that do not belong to any corridor are pooled into **"all other" category** and the quarterly average rates are calculated for three distinct distance categories.

Rail Rates
Corn & Soybeans
U.S. to Canada

Quarterly rates for corn and soybeans from US to Canada by Canadian Pacific (USD/Metric Ton/Mile). Fuel surcharges are included.

STATE	CRD	CITY	Winnipeg, MB				Armstrong, BC				Montreal, QC				Trenton, ON				Calgary, AB				Saskatoon, SK			
			Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer
MN	10	Bejou	0.0926	0.1013	0.1069	0.1138	0.0395	0.0403	0.0409	0.0467									0.0271	0.0324	0.0307	0.0327	0.0367	0.0418	0.0400	0.0420
MN	40	Lowry	0.0605	0.0639	0.0676	0.0727	0.0362	0.0370	0.0376	0.0431									0.0243	0.0290	0.0276	0.0296	0.0310	0.0353	0.0339	0.0359
ND	30	Forest River	0.1388	0.1515	0.1595	0.1690	0.0414	0.0422	0.0428	0.0488	0.0386	0.0430	0.0456	0.0497	0.0384	0.0432	0.0458	0.0499	0.0280	0.0333	0.0316	0.0336	0.0403	0.0457	0.0437	0.0457
ND	90	Fullerton	0.0524	0.0535	0.0567	0.0612	0.0395	0.0403	0.0409	0.0467	0.0371	0.0414	0.0439	0.0479	0.0384	0.0432	0.0458	0.0499	0.0289	0.0344	0.0326	0.0346	0.0392	0.0445	0.0426	0.0446
SD	30	Britton	0.0684	0.0692	0.0732	0.0785	0.0385	0.0393	0.0399	0.0456	0.0371	0.0414	0.0439	0.0479	0.0402	0.0451	0.0479	0.0520	0.0276	0.0329	0.0312	0.0332	0.0358	0.0407	0.0390	0.0410
MN	30	Duluth									0.0339	0.0388	0.0412	0.0450	0.0364	0.0421	0.0447	0.0487								
MN	60	Minneapolis									0.0316	0.0365	0.0387	0.0425	0.0350	0.0409	0.0435	0.0474								
NY	40	Buffalo									0.0573	0.0581	0.0587	0.0607	0.0939	0.0948	0.0953	0.0973								

This worksheet contains quarterly rail rates (USD/Metric Ton/Mile) for corn and soybeans between selected US and Canadian locations.

Note: The rail rate data is Canadian Pacific (CP) Railway's quoted tariffs. The rate is calculated as CP rates plus fuel surcharge (comes from CP as well).
Both, tarif rates and fuel surcharge rates come from file "**EPA Canadian Corn-Soybean Imports 2007-08.xls**"
Source: Canadian Pacific https://www8.cpr.ca/enetp22/TariffPublishing/DisplayTariffHistory.aspx?TariffCode=CPRS%204444

Rail Rates
Corn
U.S. to Mexico

BNSF corn movements (unit trains: 110-120 cars, 5000 cf max capacity) from US to Mexican regions.

Quarter	ORIGIN	DESTINATION	DISTANCE	Rate ($/MTonMile)
Fall	IL_CRD10	Mexico_NE	981	0.0613
Fall	IL_CRD20	Mexico_NE	1035	0.0581
Fall	IL_CRD60	Mexico_NE	1128	0.0529
Fall	IA_CRD10	Mexico_NE	876	0.0798
Fall	IA_CRD40	Mexico_NE	935	0.0726
Fall	IA_CRD50	Mexico_NE	916	0.0740
Fall	IA_CRD70	Mexico_NE	998	0.0666
Fall	IA_CRD80	Mexico_NE	986	0.0687
Fall	KS_CRD30	Mexico_NE	1339	0.0474
Fall	KS_CRD40	Mexico_NE	1158	0.0558
Fall	KS_CRD50	Mexico_NE	1210	0.0534
Fall	KS_CRD60	Mexico_NE	1275	0.0499
Fall	MN_CRD10	Mexico_NE	840	0.0919
Fall	MN_CRD30	Mexico_NE	803	0.0961
Fall	MN_CRD40	Mexico_NE	780	0.0980
Fall	MN_CRD60	Mexico_NE	650	0.1171
Fall	MN_CRD70	Mexico_NE	819	0.0926
Fall	MO_CRD10	Mexico_NE	1074	0.0566
Fall	NE_CRD10	Mexico_NE	1207	0.0531
Fall	NE_CRD20	Mexico_NE	1076	0.0664
Fall	NE_CRD30	Mexico_NE	970	0.0720
Fall	NE_CRD60	Mexico_NE	1029	0.0653
Fall	NE_CRD70	Mexico_NE	1180	0.0534
Fall	NE_CRD80	Mexico_NE	1136	0.0582
Fall	NE_CRD90	Mexico_NE	1069	0.0629
Fall	ND_CRD30	Mexico_NE	938	0.0829
Fall	ND_CRD50	Mexico_NE	963	0.0807
Fall	ND_CRD60	Mexico_NE	874	0.0889
Fall	SD_CRD20	Mexico_NE	939	0.0827
Fall	SD_CRD50	Mexico_NE	964	0.0801
Fall	SD_CRD60	Mexico_NE	888	0.0857
Fall	SD_CRD90	Mexico_NE	951	0.0773
Fall	IL_CRD10	Mexico_NW	952	0.0587
Fall	IL_CRD20	Mexico_NW	1006	0.0555
Fall	IL_CRD60	Mexico_NW	1099	0.0504
Fall	IA_CRD10	Mexico_NW	847	0.0772
Fall	IA_CRD40	Mexico_NW	906	0.0700
Fall	IA_CRD50	Mexico_NW	887	0.0713
Fall	IA_CRD70	Mexico_NW	969	0.0639
Fall	IA_CRD80	Mexico_NW	957	0.0660
Fall	KS_CRD30	Mexico_NW	1310	0.0450
Fall	KS_CRD40	Mexico_NW	1129	0.0532
Fall	KS_CRD50	Mexico_NW	1181	0.0508
Fall	KS_CRD60	Mexico_NW	1246	0.0474
Fall	MN_CRD10	Mexico_NW	811	0.0896
Fall	MN_CRD30	Mexico_NW	774	0.0938
Fall	MN_CRD40	Mexico_NW	751	0.0958
Fall	MN_CRD60	Mexico_NW	621	0.1153
Fall	MN_CRD70	Mexico_NW	790	0.0902
Fall	MO_CRD10	Mexico_NW	1045	0.0538
Fall	NE_CRD10	Mexico_NW	1178	0.0506

Fall	NE_CRD20	Mexico_NW	1047	0.0639
Fall	NE_CRD30	Mexico_NW	941	0.0694
Fall	NE_CRD60	Mexico_NW	1000	0.0627
Fall	NE_CRD70	Mexico_NW	1151	0.0495
Fall	NE_CRD80	Mexico_NW	1107	0.0557
Fall	NE_CRD90	Mexico_NW	1040	0.0603
Fall	ND_CRD30	Mexico_NW	909	0.0805
Fall	ND_CRD50	Mexico_NW	934	0.0783
Fall	ND_CRD60	Mexico_NW	845	0.0866
Fall	SD_CRD20	Mexico_NW	910	0.0804
Fall	SD_CRD50	Mexico_NW	935	0.0777
Fall	SD_CRD60	Mexico_NW	859	0.0833
Fall	SD_CRD90	Mexico_NW	922	0.0748
Fall	IL_CRD10	Mexico_West	1259	0.0599
Fall	IL_CRD20	Mexico_West	1313	0.0575
Fall	IL_CRD60	Mexico_West	1406	0.0533
Fall	IA_CRD10	Mexico_West	1154	0.0736
Fall	IA_CRD40	Mexico_West	1213	0.0684
Fall	IA_CRD50	Mexico_West	1194	0.0693
Fall	IA_CRD70	Mexico_West	1276	0.0639
Fall	IA_CRD80	Mexico_West	1264	0.0655
Fall	KS_CRD30	Mexico_West	1617	0.0486
Fall	KS_CRD40	Mexico_West	1436	0.0555
Fall	KS_CRD50	Mexico_West	1488	0.0535
Fall	KS_CRD60	Mexico_West	1553	0.0506
Fall	MN_CRD10	Mexico_West	1118	0.0825
Fall	MN_CRD30	Mexico_West	1081	0.0853
Fall	MN_CRD40	Mexico_West	1058	0.0865
Fall	MN_CRD60	Mexico_West	928	0.0982
Fall	MN_CRD70	Mexico_West	1097	0.0828
Fall	MO_CRD10	Mexico_West	1352	0.0561
Fall	NE_CRD10	Mexico_West	1485	0.0533
Fall	NE_CRD20	Mexico_West	1354	0.0638
Fall	NE_CRD30	Mexico_West	1248	0.0680
Fall	NE_CRD60	Mexico_West	1307	0.0629
Fall	NE_CRD70	Mexico_West	1458	0.0527
Fall	NE_CRD80	Mexico_West	1414	0.0574
Fall	NE_CRD90	Mexico_West	1347	0.0611
Fall	ND_CRD30	Mexico_West	1216	0.0763
Fall	ND_CRD50	Mexico_West	1241	0.0747
Fall	ND_CRD60	Mexico_West	1152	0.0805
Fall	SD_CRD20	Mexico_West	1217	0.0762
Fall	SD_CRD50	Mexico_West	1242	0.0742
Fall	SD_CRD60	Mexico_West	1166	0.0782
Fall	SD_CRD90	Mexico_West	1229	0.0721
Winter	IL_CRD10	Mexico_NE	981	0.0635
Winter	IL_CRD20	Mexico_NE	1035	0.0602
Winter	IL_CRD60	Mexico_NE	1128	0.0547
Winter	IA_CRD10	Mexico_NE	876	0.0813
Winter	IA_CRD40	Mexico_NE	935	0.0740
Winter	IA_CRD50	Mexico_NE	916	0.0754
Winter	IA_CRD70	Mexico_NE	998	0.0679
Winter	IA_CRD80	Mexico_NE	986	0.0700
Winter	KS_CRD30	Mexico_NE	1339	0.0484
Winter	KS_CRD40	Mexico_NE	1158	0.0569
Winter	KS_CRD50	Mexico_NE	1210	0.0545

Winter	KS_CRD60	Mexico_NE	1275	0.0509
Winter	MN_CRD10	Mexico_NE	840	0.0935
Winter	MN_CRD30	Mexico_NE	803	0.0977
Winter	MN_CRD40	Mexico_NE	780	0.0997
Winter	MN_CRD60	Mexico_NE	650	0.1191
Winter	MN_CRD70	Mexico_NE	819	0.0942
Winter	MO_CRD10	Mexico_NE	1074	0.0578
Winter	NE_CRD10	Mexico_NE	1207	0.0542
Winter	NE_CRD20	Mexico_NE	1076	0.0676
Winter	NE_CRD30	Mexico_NE	970	0.0733
Winter	NE_CRD60	Mexico_NE	1029	0.0666
Winter	NE_CRD70	Mexico_NE	1180	0.0545
Winter	NE_CRD80	Mexico_NE	1136	0.0594
Winter	NE_CRD90	Mexico_NE	1069	0.0641
Winter	ND_CRD30	Mexico_NE	938	0.0843
Winter	ND_CRD50	Mexico_NE	963	0.0820
Winter	ND_CRD60	Mexico_NE	874	0.0904
Winter	SD_CRD20	Mexico_NE	939	0.0841
Winter	SD_CRD50	Mexico_NE	964	0.0814
Winter	SD_CRD60	Mexico_NE	888	0.0872
Winter	SD_CRD90	Mexico_NE	951	0.0787
Winter	IL_CRD10	Mexico_NW	952	0.0602
Winter	IL_CRD20	Mexico_NW	1006	0.0569
Winter	IL_CRD60	Mexico_NW	1099	0.0516
Winter	IA_CRD10	Mexico_NW	847	0.0782
Winter	IA_CRD40	Mexico_NW	906	0.0709
Winter	IA_CRD50	Mexico_NW	887	0.0723
Winter	IA_CRD70	Mexico_NW	969	0.0648
Winter	IA_CRD80	Mexico_NW	957	0.0669
Winter	KS_CRD30	Mexico_NW	1310	0.0457
Winter	KS_CRD40	Mexico_NW	1129	0.0540
Winter	KS_CRD50	Mexico_NW	1181	0.0516
Winter	KS_CRD60	Mexico_NW	1246	0.0481
Winter	MN_CRD10	Mexico_NW	811	0.0907
Winter	MN_CRD30	Mexico_NW	774	0.0950
Winter	MN_CRD40	Mexico_NW	751	0.0969
Winter	MN_CRD60	Mexico_NW	621	0.1167
Winter	MN_CRD70	Mexico_NW	790	0.0913
Winter	MO_CRD10	Mexico_NW	1045	0.0547
Winter	NE_CRD10	Mexico_NW	1178	0.0513
Winter	NE_CRD20	Mexico_NW	1047	0.0647
Winter	NE_CRD30	Mexico_NW	941	0.0703
Winter	NE_CRD60	Mexico_NW	1000	0.0635
Winter	NE_CRD70	Mexico_NW	1151	0.0502
Winter	NE_CRD80	Mexico_NW	1107	0.0564
Winter	NE_CRD90	Mexico_NW	1040	0.0611
Winter	ND_CRD30	Mexico_NW	909	0.0815
Winter	ND_CRD50	Mexico_NW	934	0.0793
Winter	ND_CRD60	Mexico_NW	845	0.0876
Winter	SD_CRD20	Mexico_NW	910	0.0813
Winter	SD_CRD50	Mexico_NW	935	0.0786
Winter	SD_CRD60	Mexico_NW	859	0.0843
Winter	SD_CRD90	Mexico_NW	922	0.0758
Winter	IL_CRD10	Mexico_West	1259	0.0617
Winter	IL_CRD20	Mexico_West	1313	0.0592
Winter	IL_CRD60	Mexico_West	1406	0.0549

Winter	IA_CRD10	Mexico_West	1154	0.0751
Winter	IA_CRD40	Mexico_West	1213	0.0698
Winter	IA_CRD50	Mexico_West	1194	0.0708
Winter	IA_CRD70	Mexico_West	1276	0.0652
Winter	IA_CRD80	Mexico_West	1264	0.0668
Winter	KS_CRD30	Mexico_West	1617	0.0497
Winter	KS_CRD40	Mexico_West	1436	0.0567
Winter	KS_CRD50	Mexico_West	1488	0.0547
Winter	KS_CRD60	Mexico_West	1553	0.0517
Winter	MN_CRD10	Mexico_West	1118	0.0841
Winter	MN_CRD30	Mexico_West	1081	0.0869
Winter	MN_CRD40	Mexico_West	1058	0.0881
Winter	MN_CRD60	Mexico_West	928	0.1001
Winter	MN_CRD70	Mexico_West	1097	0.0844
Winter	MO_CRD10	Mexico_West	1352	0.0574
Winter	NE_CRD10	Mexico_West	1485	0.0545
Winter	NE_CRD20	Mexico_West	1354	0.0651
Winter	NE_CRD30	Mexico_West	1248	0.0694
Winter	NE_CRD60	Mexico_West	1307	0.0643
Winter	NE_CRD70	Mexico_West	1458	0.0547
Winter	NE_CRD80	Mexico_West	1414	0.0586
Winter	NE_CRD90	Mexico_West	1347	0.0624
Winter	ND_CRD30	Mexico_West	1216	0.0777
Winter	ND_CRD50	Mexico_West	1241	0.0761
Winter	ND_CRD60	Mexico_West	1152	0.0820
Winter	SD_CRD20	Mexico_West	1217	0.0776
Winter	SD_CRD50	Mexico_West	1242	0.0757
Winter	SD_CRD60	Mexico_West	1166	0.0797
Winter	SD_CRD90	Mexico_West	1229	0.0735
Spring	IL_CRD10	Mexico_NE	981	0.0635
Spring	IL_CRD20	Mexico_NE	1035	0.0602
Spring	IL_CRD60	Mexico_NE	1128	0.0547
Spring	IA_CRD10	Mexico_NE	876	0.0813
Spring	IA_CRD40	Mexico_NE	935	0.0740
Spring	IA_CRD50	Mexico_NE	916	0.0754
Spring	IA_CRD70	Mexico_NE	998	0.0679
Spring	IA_CRD80	Mexico_NE	986	0.0700
Spring	KS_CRD30	Mexico_NE	1339	0.0484
Spring	KS_CRD40	Mexico_NE	1158	0.0569
Spring	KS_CRD50	Mexico_NE	1210	0.0545
Spring	KS_CRD60	Mexico_NE	1275	0.0509
Spring	MN_CRD10	Mexico_NE	840	0.0935
Spring	MN_CRD30	Mexico_NE	803	0.0977
Spring	MN_CRD40	Mexico_NE	780	0.0997
Spring	MN_CRD60	Mexico_NE	650	0.1191
Spring	MN_CRD70	Mexico_NE	819	0.0942
Spring	MO_CRD10	Mexico_NE	1074	0.0578
Spring	NE_CRD10	Mexico_NE	1207	0.0542
Spring	NE_CRD20	Mexico_NE	1076	0.0676
Spring	NE_CRD30	Mexico_NE	970	0.0733
Spring	NE_CRD60	Mexico_NE	1029	0.0666
Spring	NE_CRD70	Mexico_NE	1180	0.0549
Spring	NE_CRD80	Mexico_NE	1136	0.0594
Spring	NE_CRD90	Mexico_NE	1069	0.0641
Spring	ND_CRD30	Mexico_NE	938	0.0843
Spring	ND_CRD50	Mexico_NE	963	0.0820

Spring	ND_CRD60	Mexico_NE	874	0.0904
Spring	SD_CRD20	Mexico_NE	939	0.0841
Spring	SD_CRD50	Mexico_NE	964	0.0814
Spring	SD_CRD60	Mexico_NE	888	0.0872
Spring	SD_CRD90	Mexico_NE	951	0.0787
Spring	IL_CRD10	Mexico_NW	952	0.0609
Spring	IL_CRD20	Mexico_NW	1006	0.0576
Spring	IL_CRD60	Mexico_NW	1099	0.0523
Spring	IA_CRD10	Mexico_NW	847	0.0791
Spring	IA_CRD40	Mexico_NW	906	0.0717
Spring	IA_CRD50	Mexico_NW	887	0.0731
Spring	IA_CRD70	Mexico_NW	969	0.0655
Spring	IA_CRD80	Mexico_NW	957	0.0677
Spring	KS_CRD30	Mexico_NW	1310	0.0462
Spring	KS_CRD40	Mexico_NW	1129	0.0546
Spring	KS_CRD50	Mexico_NW	1181	0.0522
Spring	KS_CRD60	Mexico_NW	1246	0.0486
Spring	MN_CRD10	Mexico_NW	811	0.0915
Spring	MN_CRD30	Mexico_NW	774	0.0959
Spring	MN_CRD40	Mexico_NW	751	0.0979
Spring	MN_CRD60	Mexico_NW	621	0.1178
Spring	MN_CRD70	Mexico_NW	790	0.0922
Spring	MO_CRD10	Mexico_NW	1045	0.0553
Spring	NE_CRD10	Mexico_NW	1178	0.0519
Spring	NE_CRD20	Mexico_NW	1047	0.0654
Spring	NE_CRD30	Mexico_NW	941	0.0710
Spring	NE_CRD60	Mexico_NW	1000	0.0642
Spring	NE_CRD70	Mexico_NW	1151	0.0508
Spring	NE_CRD80	Mexico_NW	1107	0.0571
Spring	NE_CRD90	Mexico_NW	1040	0.0618
Spring	ND_CRD30	Mexico_NW	909	0.0823
Spring	ND_CRD50	Mexico_NW	934	0.0800
Spring	ND_CRD60	Mexico_NW	845	0.0885
Spring	SD_CRD20	Mexico_NW	910	0.0821
Spring	SD_CRD50	Mexico_NW	935	0.0794
Spring	SD_CRD60	Mexico_NW	859	0.0851
Spring	SD_CRD90	Mexico_NW	922	0.0765
Spring	IL_CRD10	Mexico_West	1259	0.0617
Spring	IL_CRD20	Mexico_West	1313	0.0592
Spring	IL_CRD60	Mexico_West	1406	0.0549
Spring	IA_CRD10	Mexico_West	1154	0.0751
Spring	IA_CRD40	Mexico_West	1213	0.0698
Spring	IA_CRD50	Mexico_West	1194	0.0708
Spring	IA_CRD70	Mexico_West	1276	0.0652
Spring	IA_CRD80	Mexico_West	1264	0.0668
Spring	KS_CRD30	Mexico_West	1617	0.0497
Spring	KS_CRD40	Mexico_West	1436	0.0567
Spring	KS_CRD50	Mexico_West	1488	0.0547
Spring	KS_CRD60	Mexico_West	1553	0.0517
Spring	MN_CRD10	Mexico_West	1118	0.0841
Spring	MN_CRD30	Mexico_West	1081	0.0869
Spring	MN_CRD40	Mexico_West	1058	0.0881
Spring	MN_CRD60	Mexico_West	928	0.0985
Spring	MN_CRD70	Mexico_West	1097	0.0844
Spring	MO_CRD10	Mexico_West	1352	0.0574
Spring	NE_CRD10	Mexico_West	1485	0.0545

Spring	NE_CRD20	Mexico_West	1354	0.0651
Spring	NE_CRD30	Mexico_West	1248	0.0694
Spring	NE_CRD60	Mexico_West	1307	0.0643
Spring	NE_CRD70	Mexico_West	1458	0.0547
Spring	NE_CRD80	Mexico_West	1414	0.0586
Spring	NE_CRD90	Mexico_West	1347	0.0624
Spring	ND_CRD30	Mexico_West	1216	0.0777
Spring	ND_CRD50	Mexico_West	1241	0.0761
Spring	ND_CRD60	Mexico_West	1152	0.0820
Spring	SD_CRD20	Mexico_West	1217	0.0776
Spring	SD_CRD50	Mexico_West	1242	0.0757
Spring	SD_CRD60	Mexico_West	1166	0.0797
Spring	SD_CRD90	Mexico_West	1229	0.0735
Summer	IL_CRD10	Mexico_NE	981	0.0635
Summer	IL_CRD20	Mexico_NE	1035	0.0602
Summer	IL_CRD60	Mexico_NE	1128	0.0547
Summer	IA_CRD10	Mexico_NE	876	0.0813
Summer	IA_CRD40	Mexico_NE	935	0.0740
Summer	IA_CRD50	Mexico_NE	916	0.0754
Summer	IA_CRD70	Mexico_NE	998	0.0679
Summer	IA_CRD80	Mexico_NE	986	0.0700
Summer	KS_CRD30	Mexico_NE	1339	0.0484
Summer	KS_CRD40	Mexico_NE	1158	0.0569
Summer	KS_CRD50	Mexico_NE	1210	0.0545
Summer	KS_CRD60	Mexico_NE	1275	0.0509
Summer	MN_CRD10	Mexico_NE	840	0.0935
Summer	MN_CRD30	Mexico_NE	803	0.0977
Summer	MN_CRD40	Mexico_NE	780	0.0997
Summer	MN_CRD60	Mexico_NE	650	0.1191
Summer	MN_CRD70	Mexico_NE	819	0.0942
Summer	MO_CRD10	Mexico_NE	1074	0.0578
Summer	NE_CRD10	Mexico_NE	1207	0.0542
Summer	NE_CRD20	Mexico_NE	1076	0.0676
Summer	NE_CRD30	Mexico_NE	970	0.0733
Summer	NE_CRD60	Mexico_NE	1029	0.0666
Summer	NE_CRD70	Mexico_NE	1180	0.0551
Summer	NE_CRD80	Mexico_NE	1136	0.0594
Summer	NE_CRD90	Mexico_NE	1069	0.0641
Summer	ND_CRD30	Mexico_NE	938	0.0843
Summer	ND_CRD50	Mexico_NE	963	0.0820
Summer	ND_CRD60	Mexico_NE	874	0.0904
Summer	SD_CRD20	Mexico_NE	939	0.0841
Summer	SD_CRD50	Mexico_NE	964	0.0814
Summer	SD_CRD60	Mexico_NE	888	0.0872
Summer	SD_CRD90	Mexico_NE	951	0.0787
Summer	IL_CRD10	Mexico_NW	952	0.0613
Summer	IL_CRD20	Mexico_NW	1006	0.0580
Summer	IL_CRD60	Mexico_NW	1099	0.0526
Summer	IA_CRD10	Mexico_NW	847	0.0795
Summer	IA_CRD40	Mexico_NW	906	0.0721
Summer	IA_CRD50	Mexico_NW	887	0.0734
Summer	IA_CRD70	Mexico_NW	969	0.0659
Summer	IA_CRD80	Mexico_NW	957	0.0680
Summer	KS_CRD30	Mexico_NW	1310	0.0465
Summer	KS_CRD40	Mexico_NW	1129	0.0549
Summer	KS_CRD50	Mexico_NW	1181	0.0525

Summer	KS_CRD60	Mexico_NW	1246	0.0489
Summer	MN_CRD10	Mexico_NW	811	0.0920
Summer	MN_CRD30	Mexico_NW	774	0.0963
Summer	MN_CRD40	Mexico_NW	751	0.0983
Summer	MN_CRD60	Mexico_NW	621	0.1184
Summer	MN_CRD70	Mexico_NW	790	0.0927
Summer	MO_CRD10	Mexico_NW	1045	0.0557
Summer	NE_CRD10	Mexico_NW	1178	0.0522
Summer	NE_CRD20	Mexico_NW	1047	0.0657
Summer	NE_CRD30	Mexico_NW	941	0.0714
Summer	NE_CRD60	Mexico_NW	1000	0.0646
Summer	NE_CRD70	Mexico_NW	1151	0.0511
Summer	NE_CRD80	Mexico_NW	1107	0.0574
Summer	NE_CRD90	Mexico_NW	1040	0.0621
Summer	ND_CRD30	Mexico_NW	909	0.0826
Summer	ND_CRD50	Mexico_NW	934	0.0804
Summer	ND_CRD60	Mexico_NW	845	0.0889
Summer	SD_CRD20	Mexico_NW	910	0.0825
Summer	SD_CRD50	Mexico_NW	935	0.0797
Summer	SD_CRD60	Mexico_NW	859	0.0951
Summer	SD_CRD90	Mexico_NW	922	0.0769
Summer	IL_CRD10	Mexico_West	1259	0.0607
Summer	IL_CRD20	Mexico_West	1313	0.0582
Summer	IL_CRD60	Mexico_West	1406	0.0540
Summer	IA_CRD10	Mexico_West	1154	0.0740
Summer	IA_CRD40	Mexico_West	1213	0.0684
Summer	IA_CRD50	Mexico_West	1194	0.0697
Summer	IA_CRD70	Mexico_West	1276	0.0642
Summer	IA_CRD80	Mexico_West	1264	0.0658
Summer	KS_CRD30	Mexico_West	1617	0.0489
Summer	KS_CRD40	Mexico_West	1436	0.0558
Summer	KS_CRD50	Mexico_West	1488	0.0538
Summer	KS_CRD60	Mexico_West	1553	0.0509
Summer	MN_CRD10	Mexico_West	1118	0.0829
Summer	MN_CRD30	Mexico_West	1081	0.0857
Summer	MN_CRD40	Mexico_West	1058	0.0869
Summer	MN_CRD60	Mexico_West	928	0.0987
Summer	MN_CRD70	Mexico_West	1097	0.0832
Summer	MO_CRD10	Mexico_West	1352	0.0564
Summer	NE_CRD10	Mexico_West	1485	0.0536
Summer	NE_CRD20	Mexico_West	1354	0.0642
Summer	NE_CRD30	Mexico_West	1248	0.0683
Summer	NE_CRD60	Mexico_West	1307	0.0633
Summer	NE_CRD70	Mexico_West	1458	0.0538
Summer	NE_CRD80	Mexico_West	1414	0.0577
Summer	NE_CRD90	Mexico_West	1347	0.0614
Summer	ND_CRD30	Mexico_West	1216	0.0766
Summer	ND_CRD50	Mexico_West	1241	0.0751
Summer	ND_CRD60	Mexico_West	1152	0.0809
Summer	SD_CRD20	Mexico_West	1217	0.0765
Summer	SD_CRD50	Mexico_West	1242	0.0746
Summer	SD_CRD60	Mexico_West	1166	0.0795
Summer	SD_CRD90	Mexico_West	1229	0.0724

This worksheet contains quarterly rail rates ($/Metric Ton Mile) for corn shipments from US locations to Mexican locations.

Quarterly rates are calculated by averaging monthly rates over counties and months within CRD (UID) for specific O-D pairs.

The corn shipments originate from 34 US CRD (UID) locations to three Mexican Geographic regions.

These Mexican geographic regions include Mexico Northwest (Chihuahua), Mexico Northwest (Torreon), Mexico West (Guadalajara).

The 2008 Waybill sample contains 64 observations on shipments to Mexico. It is observed that most cars are loaded between 99 to 100 short tons.

Rates for US$/MT are calculated for the cars being loaded up to 100 short tons (4450 cf load/car) plus the applicable fuel surcharges.

The fuel surcharge rates are the simple average of BNSF monthly carload fuel surcharge rates.

Source: For freight rates: BNSF RATE BOOK 4022-L
For fuel surcharge rates:
BNSF Rules Book 6100 - Carload Fuel Surcharge

URL:
http://www.bnsf.com/markets/agricultural/prices/bnsf4022l/com/commenu.html

Rail Rates
Soybeans
U.S. to Mexico

BNSF soybean movements (unit trains: 110-120 cars, 5000 cf max capacity) from US to Mexican regions.

Quarter	ORIGIN	DESTINATION	Distance	Rate ($/MTonMile)
Fall	IA_CRD10	Mexico_NW	847	0.0685
Fall	IA_CRD40	Mexico_NW	906	0.0621
Fall	IA_CRD50	Mexico_NW	887	0.0632
Fall	IA_CRD70	Mexico_NW	969	0.0567
Fall	IA_CRD80	Mexico_NW	957	0.0586
Fall	KS_CRD30	Mexico_NW	1310	0.0400
Fall	KS_CRD40	Mexico_NW	1129	0.0472
Fall	KS_CRD50	Mexico_NW	1181	0.0451
Fall	KS_CRD60	Mexico_NW	1246	0.0420
Fall	MN_CRD10	Mexico_NW	811	0.0795
Fall	MN_CRD30	Mexico_NW	774	0.0833
Fall	MN_CRD40	Mexico_NW	751	0.0850
Fall	MN_CRD60	Mexico_NW	621	0.1023
Fall	MN_CRD70	Mexico_NW	790	0.0801
Fall	MO_CRD10	Mexico_NW	1045	0.0478
Fall	NE_CRD10	Mexico_NW	1178	0.0449
Fall	NE_CRD20	Mexico_NW	1047	0.0567
Fall	NE_CRD30	Mexico_NW	941	0.0616
Fall	NE_CRD60	Mexico_NW	1000	0.0556
Fall	NE_CRD70	Mexico_NW	1151	0.0439
Fall	NE_CRD80	Mexico_NW	1107	0.0494
Fall	NE_CRD90	Mexico_NW	1040	0.0535
Fall	ND_CRD30	Mexico_NW	909	0.0715
Fall	ND_CRD50	Mexico_NW	934	0.0695
Fall	ND_CRD60	Mexico_NW	845	0.0769
Fall	SD_CRD20	Mexico_NW	910	0.0713
Fall	SD_CRD50	Mexico_NW	935	0.0689
Fall	SD_CRD60	Mexico_NW	859	0.0739
Fall	SD_CRD90	Mexico_NW	922	0.0664
Fall	IA_CRD10	Mexico_West	1154	0.0730
Fall	IA_CRD40	Mexico_West	1213	0.0681
Fall	IA_CRD50	Mexico_West	1194	0.0691
Fall	IA_CRD70	Mexico_West	1276	0.0640
Fall	IA_CRD80	Mexico_West	1264	0.0652
Fall	KS_CRD30	Mexico_West	1617	0.0500
Fall	KS_CRD40	Mexico_West	1436	0.0556
Fall	KS_CRD50	Mexico_West	1488	0.0528
Fall	KS_CRD60	Mexico_West	1553	0.0497
Fall	MN_CRD10	Mexico_West	1118	0.0826
Fall	MN_CRD30	Mexico_West	1081	0.0838
Fall	MN_CRD40	Mexico_West	1058	0.0858
Fall	MN_CRD60	Mexico_West	928	0.0955
Fall	MN_CRD70	Mexico_West	1097	0.0810
Fall	MO_CRD10	Mexico_West	1352	0.0588
Fall	MT_CRD30	Mexico_West	1550	0.0618

Fall	NE_CRD10	Mexico_West	1485	0.0555
Fall	NE_CRD20	Mexico_West	1354	0.0640
Fall	NE_CRD30	Mexico_West	1248	0.0672
Fall	NE_CRD60	Mexico_West	1307	0.0632
Fall	NE_CRD70	Mexico_West	1458	0.0566
Fall	NE_CRD80	Mexico_West	1414	0.0583
Fall	NE_CRD90	Mexico_West	1347	0.0619
Fall	ND_CRD10	Mexico_West	1400	0.0675
Fall	ND_CRD20	Mexico_West	1291	0.0732
Fall	ND_CRD30	Mexico_West	1216	0.0767
Fall	ND_CRD50	Mexico_West	1241	0.0751
Fall	ND_CRD60	Mexico_West	1152	0.0805
Fall	ND_CRD70	Mexico_West	1401	0.0675
Fall	ND_CRD80	Mexico_West	1301	0.0727
Fall	ND_CRD90	Mexico_West	1166	0.0815
Fall	OK_CRD40	Mexico_West	1619	0.0472
Fall	SD_CRD20	Mexico_West	1217	0.0766
Fall	SD_CRD30	Mexico_West	1123	0.0830
Fall	SD_CRD50	Mexico_West	1242	0.0729
Fall	SD_CRD60	Mexico_West	1166	0.0771
Fall	SD_CRD90	Mexico_West	1229	0.0716
Fall	TX_CRD40	Mexico_West	1895	0.0367
Fall	IA_CRD10	Mexico_NE	876	0.0788
Fall	IA_CRD40	Mexico_NE	935	0.0721
Fall	IA_CRD50	Mexico_NE	916	0.0734
Fall	IA_CRD70	Mexico_NE	998	0.0666
Fall	IA_CRD80	Mexico_NE	986	0.0682
Fall	KS_CRD30	Mexico_NE	1339	0.0491
Fall	KS_CRD40	Mexico_NE	1158	0.0558
Fall	KS_CRD50	Mexico_NE	1210	0.0523
Fall	KS_CRD60	Mexico_NE	1275	0.0486
Fall	MN_CRD10	Mexico_NE	840	0.0918
Fall	MN_CRD30	Mexico_NE	803	0.0938
Fall	MN_CRD40	Mexico_NE	780	0.0972
Fall	MN_CRD60	Mexico_NE	650	0.1129
Fall	MN_CRD70	Mexico_NE	819	0.0899
Fall	MO_CRD10	Mexico_NE	1074	0.0598
Fall	MT_CRD30	Mexico_NE	1272	0.0634
Fall	NE_CRD10	Mexico_NE	1207	0.0557
Fall	NE_CRD20	Mexico_NE	1076	0.0664
Fall	NE_CRD30	Mexico_NE	970	0.0726
Fall	NE_CRD60	Mexico_NE	1029	0.0655
Fall	NE_CRD70	Mexico_NE	1180	0.0570
Fall	NE_CRD80	Mexico_NE	1136	0.0592
Fall	NE_CRD90	Mexico_NE	1069	0.0638
Fall	ND_CRD10	Mexico_NE	1122	0.0707
Fall	ND_CRD20	Mexico_NE	1013	0.0783
Fall	ND_CRD30	Mexico_NE	938	0.0831

Fall	ND_CRD50	Mexico_NE	963	0.0810
Fall	ND_CRD60	Mexico_NE	874	0.0887
Fall	ND_CRD70	Mexico_NE	1123	0.0706
Fall	ND_CRD80	Mexico_NE	1023	0.0775
Fall	ND_CRD90	Mexico_NE	888	0.0897
Fall	OK_CRD40	Mexico_NE	1341	0.0457
Fall	SD_CRD20	Mexico_NE	939	0.0830
Fall	SD_CRD30	Mexico_NE	845	0.0923
Fall	SD_CRD50	Mexico_NE	964	0.0782
Fall	SD_CRD60	Mexico_NE	888	0.0844
Fall	SD_CRD90	Mexico_NE	951	0.0765
Fall	TX_CRD40	Mexico_NE	1617	0.0336
Winter	IA_CRD10	Mexico_NW	847	0.0715
Winter	IA_CRD40	Mexico_NW	906	0.0648
Winter	IA_CRD50	Mexico_NW	887	0.0660
Winter	IA_CRD70	Mexico_NW	969	0.0592
Winter	IA_CRD80	Mexico_NW	957	0.0612
Winter	KS_CRD30	Mexico_NW	1310	0.0418
Winter	KS_CRD40	Mexico_NW	1129	0.0493
Winter	KS_CRD50	Mexico_NW	1181	0.0471
Winter	KS_CRD60	Mexico_NW	1246	0.0439
Winter	MN_CRD10	Mexico_NW	811	0.0829
Winter	MN_CRD30	Mexico_NW	774	0.0868
Winter	MN_CRD40	Mexico_NW	751	0.0886
Winter	MN_CRD60	Mexico_NW	621	0.1066
Winter	MN_CRD70	Mexico_NW	790	0.0835
Winter	MO_CRD10	Mexico_NW	1045	0.0499
Winter	NE_CRD10	Mexico_NW	1178	0.0469
Winter	NE_CRD20	Mexico_NW	1047	0.0591
Winter	NE_CRD30	Mexico_NW	941	0.0642
Winter	NE_CRD60	Mexico_NW	1000	0.0581
Winter	NE_CRD70	Mexico_NW	1151	0.0459
Winter	NE_CRD80	Mexico_NW	1107	0.0516
Winter	NE_CRD90	Mexico_NW	1040	0.0558
Winter	ND_CRD30	Mexico_NW	909	0.0745
Winter	ND_CRD50	Mexico_NW	934	0.0724
Winter	ND_CRD60	Mexico_NW	845	0.0801
Winter	SD_CRD20	Mexico_NW	910	0.0743
Winter	SD_CRD50	Mexico_NW	935	0.0719
Winter	SD_CRD60	Mexico_NW	859	0.0771
Winter	SD_CRD90	Mexico_NW	922	0.0693
Winter	IA_CRD10	Mexico_West	1154	0.0747
Winter	IA_CRD40	Mexico_West	1213	0.0697
Winter	IA_CRD50	Mexico_West	1194	0.0707
Winter	IA_CRD70	Mexico_West	1276	0.0655
Winter	IA_CRD80	Mexico_West	1264	0.0667
Winter	KS_CRD30	Mexico_West	1617	0.0512
Winter	KS_CRD40	Mexico_West	1436	0.0569

Winter	KS_CRD50	Mexico_West	1488	0.0541
Winter	KS_CRD60	Mexico_West	1553	0.0510
Winter	MN_CRD10	Mexico_West	1118	0.0844
Winter	MN_CRD30	Mexico_West	1081	0.0856
Winter	MN_CRD40	Mexico_West	1058	0.0877
Winter	MN_CRD60	Mexico_West	928	0.0976
Winter	MN_CRD70	Mexico_West	1097	0.0828
Winter	MO_CRD10	Mexico_West	1352	0.0602
Winter	MT_CRD30	Mexico_West	1550	0.0631
Winter	NE_CRD10	Mexico_West	1485	0.0568
Winter	NE_CRD20	Mexico_West	1354	0.0654
Winter	NE_CRD30	Mexico_West	1248	0.0688
Winter	NE_CRD60	Mexico_West	1307	0.0646
Winter	NE_CRD70	Mexico_West	1458	0.0579
Winter	NE_CRD80	Mexico_West	1414	0.0597
Winter	NE_CRD90	Mexico_West	1347	0.0634
Winter	ND_CRD10	Mexico_West	1400	0.0689
Winter	ND_CRD20	Mexico_West	1291	0.0747
Winter	ND_CRD30	Mexico_West	1216	0.0780
Winter	ND_CRD50	Mexico_West	1241	0.0767
Winter	ND_CRD60	Mexico_West	1152	0.0821
Winter	ND_CRD70	Mexico_West	1401	0.0688
Winter	ND_CRD80	Mexico_West	1301	0.0741
Winter	ND_CRD90	Mexico_West	1166	0.0827
Winter	OK_CRD40	Mexico_West	1619	0.0484
Winter	SD_CRD20	Mexico_West	1217	0.0782
Winter	SD_CRD30	Mexico_West	1123	0.0847
Winter	SD_CRD50	Mexico_West	1242	0.0745
Winter	SD_CRD60	Mexico_West	1166	0.0788
Winter	SD_CRD90	Mexico_West	1229	0.0732
Winter	TX_CRD40	Mexico_West	1895	0.0378
Winter	IA_CRD10	Mexico_NE	876	0.0807
Winter	IA_CRD40	Mexico_NE	935	0.0739
Winter	IA_CRD50	Mexico_NE	916	0.0752
Winter	IA_CRD70	Mexico_NE	998	0.0682
Winter	IA_CRD80	Mexico_NE	986	0.0698
Winter	KS_CRD30	Mexico_NE	1339	0.0503
Winter	KS_CRD40	Mexico_NE	1158	0.0572
Winter	KS_CRD50	Mexico_NE	1210	0.0537
Winter	KS_CRD60	Mexico_NE	1275	0.0499
Winter	MN_CRD10	Mexico_NE	840	0.0938
Winter	MN_CRD30	Mexico_NE	803	0.0959
Winter	MN_CRD40	Mexico_NE	780	0.0992
Winter	MN_CRD60	Mexico_NE	650	0.1154
Winter	MN_CRD70	Mexico_NE	819	0.0919
Winter	MO_CRD10	Mexico_NE	1074	0.0613
Winter	MT_CRD30	Mexico_NE	1272	0.0647
Winter	NE_CRD10	Mexico_NE	1207	0.0571

Winter	NE_CRD20	Mexico_NE	1076	0.0679
Winter	NE_CRD30	Mexico_NE	970	0.0740
Winter	NE_CRD60	Mexico_NE	1029	0.0669
Winter	NE_CRD70	Mexico_NE	1180	0.0584
Winter	NE_CRD80	Mexico_NE	1136	0.0606
Winter	NE_CRD90	Mexico_NE	1069	0.0653
Winter	ND_CRD10	Mexico_NE	1122	0.0721
Winter	ND_CRD20	Mexico_NE	1013	0.0799
Winter	ND_CRD30	Mexico_NE	938	0.0846
Winter	ND_CRD50	Mexico_NE	963	0.0827
Winter	ND_CRD60	Mexico_NE	874	0.0905
Winter	ND_CRD70	Mexico_NE	1123	0.0721
Winter	ND_CRD80	Mexico_NE	1023	0.0791
Winter	ND_CRD90	Mexico_NE	888	0.0911
Winter	OK_CRD40	Mexico_NE	1341	0.0469
Winter	SD_CRD20	Mexico_NE	939	0.0848
Winter	SD_CRD30	Mexico_NE	845	0.0942
Winter	SD_CRD50	Mexico_NE	964	0.0799
Winter	SD_CRD60	Mexico_NE	888	0.0860
Winter	SD_CRD90	Mexico_NE	951	0.0782
Winter	TX_CRD40	Mexico_NE	1617	0.0346
Spring	IA_CRD10	Mexico_NW	847	0.0739
Spring	IA_CRD40	Mexico_NW	906	0.0670
Spring	IA_CRD50	Mexico_NW	887	0.0682
Spring	IA_CRD70	Mexico_NW	969	0.0612
Spring	IA_CRD80	Mexico_NW	957	0.0632
Spring	KS_CRD30	Mexico_NW	1310	0.0432
Spring	KS_CRD40	Mexico_NW	1129	0.0510
Spring	KS_CRD50	Mexico_NW	1181	0.0487
Spring	KS_CRD60	Mexico_NW	1246	0.0454
Spring	MN_CRD10	Mexico_NW	811	0.0855
Spring	MN_CRD30	Mexico_NW	774	0.0895
Spring	MN_CRD40	Mexico_NW	751	0.0914
Spring	MN_CRD60	Mexico_NW	621	0.1101
Spring	MN_CRD70	Mexico_NW	790	0.0861
Spring	MO_CRD10	Mexico_NW	1045	0.0517
Spring	NE_CRD10	Mexico_NW	1178	0.0485
Spring	NE_CRD20	Mexico_NW	1047	0.0611
Spring	NE_CRD30	Mexico_NW	941	0.0664
Spring	NE_CRD60	Mexico_NW	1000	0.0600
Spring	NE_CRD70	Mexico_NW	1151	0.0475
Spring	NE_CRD80	Mexico_NW	1107	0.0533
Spring	NE_CRD90	Mexico_NW	1040	0.0577
Spring	ND_CRD30	Mexico_NW	909	0.0768
Spring	ND_CRD50	Mexico_NW	934	0.0747
Spring	ND_CRD60	Mexico_NW	845	0.0826
Spring	SD_CRD20	Mexico_NW	910	0.0767
Spring	SD_CRD50	Mexico_NW	935	0.0741

Spring	SD_CRD60	Mexico_NW	859	0.0795
Spring	SD_CRD90	Mexico_NW	922	0.0715
Spring	IA_CRD10	Mexico_West	1154	0.0755
Spring	IA_CRD40	Mexico_West	1213	0.0705
Spring	IA_CRD50	Mexico_West	1194	0.0715
Spring	IA_CRD70	Mexico_West	1276	0.0662
Spring	IA_CRD80	Mexico_West	1264	0.0675
Spring	KS_CRD30	Mexico_West	1617	0.0518
Spring	KS_CRD40	Mexico_West	1436	0.0576
Spring	KS_CRD50	Mexico_West	1488	0.0547
Spring	KS_CRD60	Mexico_West	1553	0.0516
Spring	MN_CRD10	Mexico_West	1118	0.0851
Spring	MN_CRD30	Mexico_West	1081	0.0865
Spring	MN_CRD40	Mexico_West	1058	0.0883
Spring	MN_CRD60	Mexico_West	928	0.0986
Spring	MN_CRD70	Mexico_West	1097	0.0837
Spring	MO_CRD10	Mexico_West	1352	0.0609
Spring	MT_CRD30	Mexico_West	1550	0.0637
Spring	NE_CRD10	Mexico_West	1485	0.0575
Spring	NE_CRD20	Mexico_West	1354	0.0662
Spring	NE_CRD30	Mexico_West	1248	0.0699
Spring	NE_CRD60	Mexico_West	1307	0.0653
Spring	NE_CRD70	Mexico_West	1458	0.0586
Spring	NE_CRD80	Mexico_West	1414	0.0604
Spring	NE_CRD90	Mexico_West	1347	0.0641
Spring	ND_CRD10	Mexico_West	1400	0.0696
Spring	ND_CRD20	Mexico_West	1291	0.0755
Spring	ND_CRD30	Mexico_West	1216	0.0789
Spring	ND_CRD50	Mexico_West	1241	0.0775
Spring	ND_CRD60	Mexico_West	1152	0.0830
Spring	ND_CRD70	Mexico_West	1401	0.0696
Spring	ND_CRD80	Mexico_West	1301	0.0749
Spring	ND_CRD90	Mexico_West	1166	0.0836
Spring	OK_CRD40	Mexico_West	1619	0.0490
Spring	SD_CRD20	Mexico_West	1217	0.0790
Spring	SD_CRD30	Mexico_West	1123	0.0856
Spring	SD_CRD50	Mexico_West	1242	0.0753
Spring	SD_CRD60	Mexico_West	1166	0.0787
Spring	SD_CRD90	Mexico_West	1229	0.0740
Spring	TX_CRD40	Mexico_West	1895	0.0382
Spring	IA_CRD10	Mexico_NE	876	0.0810
Spring	IA_CRD40	Mexico_NE	935	0.0741
Spring	IA_CRD50	Mexico_NE	916	0.0755
Spring	IA_CRD70	Mexico_NE	998	0.0684
Spring	IA_CRD80	Mexico_NE	986	0.0701
Spring	KS_CRD30	Mexico_NE	1339	0.0505
Spring	KS_CRD40	Mexico_NE	1158	0.0574
Spring	KS_CRD50	Mexico_NE	1210	0.0539

Spring	KS_CRD60	Mexico_NE	1275	0.0501
Spring	MN_CRD10	Mexico_NE	840	0.0940
Spring	MN_CRD30	Mexico_NE	803	0.0962
Spring	MN_CRD40	Mexico_NE	780	0.0994
Spring	MN_CRD60	Mexico_NE	650	0.1159
Spring	MN_CRD70	Mexico_NE	819	0.0919
Spring	MO_CRD10	Mexico_NE	1074	0.0615
Spring	MT_CRD30	Mexico_NE	1272	0.0649
Spring	NE_CRD10	Mexico_NE	1207	0.0573
Spring	NE_CRD20	Mexico_NE	1076	0.0682
Spring	NE_CRD30	Mexico_NE	970	0.0727
Spring	NE_CRD60	Mexico_NE	1029	0.0672
Spring	NE_CRD70	Mexico_NE	1180	0.0586
Spring	NE_CRD80	Mexico_NE	1136	0.0608
Spring	NE_CRD90	Mexico_NE	1069	0.0656
Spring	ND_CRD10	Mexico_NE	1122	0.0724
Spring	ND_CRD20	Mexico_NE	1013	0.0802
Spring	ND_CRD30	Mexico_NE	938	0.0850
Spring	ND_CRD50	Mexico_NE	963	0.0830
Spring	ND_CRD60	Mexico_NE	874	0.0909
Spring	ND_CRD70	Mexico_NE	1123	0.0723
Spring	ND_CRD80	Mexico_NE	1023	0.0794
Spring	ND_CRD90	Mexico_NE	888	0.0914
Spring	OK_CRD40	Mexico_NE	1341	0.0470
Spring	SD_CRD20	Mexico_NE	939	0.0851
Spring	SD_CRD30	Mexico_NE	845	0.0946
Spring	SD_CRD50	Mexico_NE	964	0.0802
Spring	SD_CRD60	Mexico_NE	888	0.0863
Spring	SD_CRD90	Mexico_NE	951	0.0785
Spring	TX_CRD40	Mexico_NE	1617	0.0348
Summer	IA_CRD10	Mexico_NW	847	0.0795
Summer	IA_CRD40	Mexico_NW	906	0.0721
Summer	IA_CRD50	Mexico_NW	887	0.0734
Summer	IA_CRD70	Mexico_NW	969	0.0659
Summer	IA_CRD80	Mexico_NW	957	0.0680
Summer	KS_CRD30	Mexico_NW	1310	0.0465
Summer	KS_CRD40	Mexico_NW	1129	0.0549
Summer	KS_CRD50	Mexico_NW	1181	0.0525
Summer	KS_CRD60	Mexico_NW	1246	0.0489
Summer	MN_CRD10	Mexico_NW	811	0.0920
Summer	MN_CRD30	Mexico_NW	774	0.0963
Summer	MN_CRD40	Mexico_NW	751	0.0983
Summer	MN_CRD60	Mexico_NW	621	0.1184
Summer	MN_CRD70	Mexico_NW	790	0.0927
Summer	MO_CRD10	Mexico_NW	1045	0.0557
Summer	NE_CRD10	Mexico_NW	1178	0.0522
Summer	NE_CRD20	Mexico_NW	1047	0.0657
Summer	NE_CRD30	Mexico_NW	941	0.0714

Summer	NE_CRD60	Mexico_NW	1000	0.0646
Summer	NE_CRD70	Mexico_NW	1151	0.0511
Summer	NE_CRD80	Mexico_NW	1107	0.0574
Summer	NE_CRD90	Mexico_NW	1040	0.0621
Summer	ND_CRD30	Mexico_NW	909	0.0826
Summer	ND_CRD50	Mexico_NW	934	0.0804
Summer	ND_CRD60	Mexico_NW	845	0.0889
Summer	SD_CRD20	Mexico_NW	910	0.0825
Summer	SD_CRD50	Mexico_NW	935	0.0797
Summer	SD_CRD60	Mexico_NW	859	0.0951
Summer	SD_CRD90	Mexico_NW	922	0.0769
Summer	IA_CRD10	Mexico_West	1154	0.0760
Summer	IA_CRD40	Mexico_West	1213	0.0709
Summer	IA_CRD50	Mexico_West	1194	0.0719
Summer	IA_CRD70	Mexico_West	1276	0.0666
Summer	IA_CRD80	Mexico_West	1264	0.0679
Summer	KS_CRD30	Mexico_West	1617	0.0521
Summer	KS_CRD40	Mexico_West	1436	0.0580
Summer	KS_CRD50	Mexico_West	1488	0.0550
Summer	KS_CRD60	Mexico_West	1553	0.0519
Summer	MN_CRD10	Mexico_West	1118	0.0856
Summer	MN_CRD30	Mexico_West	1081	0.0870
Summer	MN_CRD40	Mexico_West	1058	0.0891
Summer	MN_CRD60	Mexico_West	928	0.0992
Summer	MN_CRD70	Mexico_West	1097	0.0841
Summer	MO_CRD10	Mexico_West	1352	0.0612
Summer	MT_CRD30	Mexico_West	1550	0.0641
Summer	NE_CRD10	Mexico_West	1485	0.0578
Summer	NE_CRD20	Mexico_West	1354	0.0665
Summer	NE_CRD30	Mexico_West	1248	0.0709
Summer	NE_CRD60	Mexico_West	1307	0.0655
Summer	NE_CRD70	Mexico_West	1458	0.0589
Summer	NE_CRD80	Mexico_West	1414	0.0607
Summer	NE_CRD90	Mexico_West	1347	0.0644
Summer	ND_CRD10	Mexico_West	1400	0.0700
Summer	ND_CRD20	Mexico_West	1291	0.0759
Summer	ND_CRD30	Mexico_West	1216	0.0793
Summer	ND_CRD50	Mexico_West	1241	0.0779
Summer	ND_CRD60	Mexico_West	1152	0.0835
Summer	ND_CRD70	Mexico_West	1401	0.0699
Summer	ND_CRD80	Mexico_West	1301	0.0753
Summer	ND_CRD90	Mexico_West	1166	0.0840
Summer	OK_CRD40	Mexico_West	1619	0.0493
Summer	SD_CRD20	Mexico_West	1217	0.0794
Summer	SD_CRD30	Mexico_West	1123	0.0861
Summer	SD_CRD50	Mexico_West	1242	0.0757
Summer	SD_CRD60	Mexico_West	1166	0.0798
Summer	SD_CRD90	Mexico_West	1229	0.0744

Summer	TX_CRD40	Mexico_West	1895	0.0385
Summer	IA_CRD10	Mexico_NE	876	0.0811
Summer	IA_CRD40	Mexico_NE	935	0.0743
Summer	IA_CRD50	Mexico_NE	916	0.0756
Summer	IA_CRD70	Mexico_NE	998	0.0686
Summer	IA_CRD80	Mexico_NE	986	0.0702
Summer	KS_CRD30	Mexico_NE	1339	0.0506
Summer	KS_CRD40	Mexico_NE	1158	0.0575
Summer	KS_CRD50	Mexico_NE	1210	0.0540
Summer	KS_CRD60	Mexico_NE	1275	0.0502
Summer	MN_CRD10	Mexico_NE	840	0.0942
Summer	MN_CRD30	Mexico_NE	803	0.0964
Summer	MN_CRD40	Mexico_NE	780	0.0996
Summer	MN_CRD60	Mexico_NE	650	0.1161
Summer	MN_CRD70	Mexico_NE	819	0.0924
Summer	MO_CRD10	Mexico_NE	1074	0.0616
Summer	MT_CRD30	Mexico_NE	1272	0.0650
Summer	NE_CRD10	Mexico_NE	1207	0.0574
Summer	NE_CRD20	Mexico_NE	1076	0.0683
Summer	NE_CRD30	Mexico_NE	970	0.0729
Summer	NE_CRD60	Mexico_NE	1029	0.0673
Summer	NE_CRD70	Mexico_NE	1180	0.0587
Summer	NE_CRD80	Mexico_NE	1136	0.0609
Summer	NE_CRD90	Mexico_NE	1069	0.0657
Summer	ND_CRD10	Mexico_NE	1122	0.0725
Summer	ND_CRD20	Mexico_NE	1013	0.0803
Summer	ND_CRD30	Mexico_NE	938	0.0851
Summer	ND_CRD50	Mexico_NE	963	0.0831
Summer	ND_CRD60	Mexico_NE	874	0.0910
Summer	ND_CRD70	Mexico_NE	1123	0.0725
Summer	ND_CRD80	Mexico_NE	1023	0.0796
Summer	ND_CRD90	Mexico_NE	888	0.0916
Summer	OK_CRD40	Mexico_NE	1341	0.0471
Summer	SD_CRD20	Mexico_NE	939	0.0852
Summer	SD_CRD30	Mexico_NE	845	0.0948
Summer	SD_CRD50	Mexico_NE	964	0.0803
Summer	SD_CRD60	Mexico_NE	888	0.0864
Summer	SD_CRD90	Mexico_NE	951	0.0787
Summer	TX_CRD40	Mexico_NE	1617	0.0348

This worksheet contains quarterly rail rates ($/Metric Ton Mile) for soybean shipments from US locations to Mexican locations.

Quarterly rates are calculated by averaging monthly rates over counties and months within CRD (UID) for specific O-D pairs.

The soybean shipments originate from 34 US CRD (UID) locations to three Mexican Geographic regions.

These Mexican geographic regions include Mexico Northwest (Chihuahua), Mexico Northwest (Torreon), Mexico West (Guadalajara).

The 2008 Waybill sample contains 64 observations on shipments to mexico. It is observed that most cars are loaded between 99 to 100 short tons.

Rates for US$/MT are calculated for the cars being loaded up to 100 short tons (4450 cf load/car) **plus the applicable fuel surcharges**.

The fuel surcharge rates are the simple average of BNSF monthly carload fuel surcharge rates.

Source: For freight rates: BNSF RATE BOOK 4022-L
For fuel surcharge rates: BNSF Rules Book 6100 - Carload Fuel Surcharge

URL: http://www.bnsf.com/markets/agricultural/prices/bnsf4022l/com/commenu.html

Ship Rates
Corn - Worldwide

CORN EXCESS DEMAND SHIP RATES (US$/MT) This worksheet contains quarterly ship rates (USD/Metric Ton) for corn shipments between two port locations.

Ports Corresponding to Excess Demand Countries / Ports Corresponding to Excess Supply Countries		North Europe Rotterdam	West Europe Barcelona	Southeast Europe Bari	West Middle East Haifa	North Africa Algiers	Middle East Damman	East Africa Dar es Salaam	West Africa Lagos	Southeast Asia Singapore	Taiwan Kaohsiung	Korea Ulsan	Japan Yokohama	Mexico Veracruz	West South America Callo	Central America Puerto Cortes	Carribbean Maracaibo
East Europe -- Odessa	Q1	73.27	66.27	54.40	36.72	60.00	79.00	79.00	90.10	92.50	134.00	138.80	140.00				
	Q2	71.27	64.27	44.40	27.00	46.00	77.00	77.00	87.10	89.50	91.00	95.80	97.00				
	Q3	77.27	70.27	52.40	32.00	54.00	83.00	83.00	94.10	96.50	96.00	97.85	99.00				
	Q4	73.27	66.27	49.40	34.43	51.00	79.00	79.00	90.40	92.50	82.00	72.85	74.00				
South Africa -- Durban	Q1	96.00	92.00	84.52	79.80	91.50	76.70	55.00	73.00	80.52	93.25	97.75	100.25				
	Q2	93.00	89.00	82.50	77.80	88.50	74.70	45.00	71.00	78.52	90.25	94.75	97.25				
	Q3	100.00	96.00	88.50	83.80	95.50	80.70	53.00	77.00	84.52	97.50	101.75	104.25				
	Q4	96.00	92.00	84.52	79.80	91.50	76.70	50.00	73.00	80.52	93.25	97.50	100.00				
India -- Madras	Q1				77.50		69.45	72.00	98.00	55.00	72.00	76.90	78.35				
	Q2				70.60		67.43	70.00	94.00	45.00	70.00	74.40	76.35				
	Q3				76.60		73.43	76.00	101.90	53.00	76.00	80.40	82.35				
	Q4				72.60		69.43	72.00	98.00	50.00	72.00	76.40	78.35				
Southeast Asia -- Bangkok	Q1				92.00	98.00	78.35	95.60	139.90	35.00	60.00	71.00	72.00				
	Q2				89.00	94.00	76.35	70.98	96.83	25.00	46.00	55.00	56.00				
	Q3				96.00	102.00	82.35	72.44	99.05	30.00	54.00	65.00	66.00				
	Q4				92.00	98.00	78.35	55.00	73.77	32.00	51.00	61.00	62.00				
NE South America - Buenos Aires	Q1	81.79	74.87	80.85	94.03	73.54	121.33	85.59	61.10	63.18	72.99	75.16	71.13	81.95	52.21	74.12	67.71
	Q2	60.87	55.72	60.18	69.97	54.73	108.52	76.56	54.23	54.82	63.34	65.22	64.98	60.98	39.16	55.16	60.19
	Q3	74.82	68.49	73.96	86.01	67.27	121.84	78.37	55.67	67.84	78.36	80.52	77.76	74.97	48.14	67.81	61.79
	Q4	52.00	47.59	51.39	59.77	46.75	73.49	51.84	36.83	61.32	70.85	72.96	71.36	52.10	34.35	47.11	42.80
SE South America -- Santos	Q1	77.10	69.46	76.05	90.55	68.00	117.09	81.31	49.04	61.17	71.01	77.01	77.26		67.56	70.11	56.06
	Q2	68.96	62.13	68.02	80.98	60.82	104.72	72.72	43.86	53.07	61.61	66.82	67.04		60.43	62.72	50.13
	Q3	70.59	63.59	69.63	82.90	62.25	107.19	74.44	44.90	65.67	76.23	82.67	82.95		61.85	64.19	51.32
	Q4	46.70	42.07	46.06	54.84	41.18	70.93	49.24	29.70	59.37	68.92	74.75	74.98		40.92	42.46	33.95
U.S. -- New Orleans	Q1	95.63	96.79	99.10	99.34	91.40	141.52	143.08	113.35	124.52	119.26	114.89	112.95	30.03	70.85	33.60	59.15
	Q2	66.98	68.30	70.45	97.34	89.40	98.96	100.05	79.41	115.33	110.07	105.70	103.76	22.84	54.72	25.92	45.63
	Q3	68.44	69.59	71.91	98.98	91.04	101.12	102.23	81.13	130.03	124.77	120.40	118.46	27.41	64.89	30.72	54.08
	Q4	50.97	52.12	54.44	93.34	85.40	76.11	76.95	60.42	120.85	115.60	111.22	109.28	28.38	60.84	31.68	50.70
U.S. -- Houston	Q1	95.63	96.79	99.10	99.34	91.40	141.52	143.08	113.35	124.52	119.26	114.89	112.95	30.03	70.85	33.60	59.15
	Q2	66.98	68.30	70.45	97.34	89.40	98.96	100.05	79.41	115.33	110.07	105.70	103.76	22.84	54.72	25.92	45.63
	Q3	68.44	69.59	71.91	98.98	91.04	101.12	102.23	81.13	130.03	124.77	120.40	118.46	27.41	64.89	30.72	54.08
	Q4	50.97	52.12	54.44	93.34	85.40	76.11	76.95	60.42	120.85	115.60	111.22	109.28	28.38	60.84	31.68	50.70
U.S. -- Seattle	Q1									98.16	90.35	85.90	84.07	84.07			
	Q2									75.23	67.42	62.96	61.14	61.14			
	Q3									86.27	78.42	74.00	72.18	72.18			
	Q4									75.23	67.42	62.96	61.14	61.14			
U.S. -- Norfolk	Q1	80.87	88.39	94.18	96.52	93.97	98.19	98.59	88.67							54.37	59.75
	Q2	78.74	86.08	91.71	96.52	93.97	98.19	98.59	88.67							45.16	46.08
	Q3	85.48	93.44	99.55	98.77	96.24	100.80	101.10	90.63							53.00	54.62
	Q4	80.87	88.39	94.18	92.22	89.44	93.45	93.85	84.73							49.70	51.21
U.S. -- Montreal	Q1	75.01	77.03	79.51	88.70	86.40	90.91	92.00	87.81					75.09	90.80	74.08	73.46
	Q2	73.04	75.06	77.54	88.70	86.40	90.91	92.00	87.81					73.11	90.80	72.10	71.48
	Q3	79.29	81.31	83.79	90.70	88.40	94.16	95.29	89.79					79.37	92.80	78.36	77.74
	Q4	75.01	77.03	79.51	84.70	82.42	90.09	91.17	83.85					79.36	86.80	78.35	77.73

Ship Rates
Soybeans - Worldwide

SOYBEAN EXCESS DEMAND SHIP RATES (US$/MT)

This worksheet contains quarterly ship rates (USD/Metric Ton) for soybean shipments between two port locations.

Ports Corresponding to Excess Supply Countries / Ports Corresponding to Excess Demand Countries		North Europe Rotterdam	West Europe Barcelona	Southeast Europe Bari	West Middle East Haifa	North Africa Algiers	Middle East Damman	East Africa Dar es Salaam	Southeast Asia Singapore	Taiwan Kaohsiung	Korea Ulsan	Japan Yokohama	China Shanghai	Mexico Veracruz	West South America Callo	Central America Puerto Cortes	Carribbean Maracaibo
East Europe -- Odessa	Q1	73.27	66.27	54.40	36.72	60.00	79.00	79.00	92.50	134.00	138.80	140.00	101.00				
	Q2	71.27	64.27	44.40	27.00	46.00	77.00	77.00	89.50	91.00	95.80	97.00	99.00				
	Q3	77.27	70.27	52.40	32.00	54.00	83.00	83.00	96.50	96.00	97.85	99.00	110.00				
	Q4	73.27	66.27	49.40	34.43	51.00	79.00	79.00	92.50	82.00	72.85	74.00	105.00				
East Canada -- Montreal	Q1	72.00	74.00	76.00	81.40	86.00	90.00	90.50									
	Q2	70.00	73.00	74.00	79.40	86.00	90.00	90.50									
	Q3	76.00	78.00	80.00	85.42	88.00	93.00	93.50									
	Q4	72.00	74.00	76.00	81.42	82.00	89.00	89.50									
West Canada -- Vancouver	Q1								121.80	120.28	115.80	114.00	107.00				
	Q2								121.80	120.28	115.80	114.00	111.00				
	Q3								130.80	129.28	124.80	123.00	122.00				
	Q4								122.19	121.28	116.80	115.00	117.00				
NE South America -- Buenos Aires	Q1	81.79	74.87	80.85	94.03	73.54	121.33	85.59	63.18	72.99	75.16	71.13	76.00	81.95	52.21	74.12	67.71
	Q2	60.87	55.72	60.18	69.97	54.73	108.52	76.56	54.82	63.34	65.22	64.98	66.00	60.98	39.16	55.16	60.19
	Q3	74.82	68.49	73.96	86.01	67.27	121.84	78.37	67.84	78.36	80.52	77.76	82.00	74.97	48.14	67.81	61.79
	Q4	52.00	47.59	51.39	59.77	46.75	73.49	51.84	61.32	70.85	72.96	71.36	74.00	52.10	34.35	47.11	42.80
SE South America -- Santos	Q1	77.10	69.46	76.05	90.55	68.00	117.09	81.31	61.17	71.01	77.01	77.26	75.00		67.56	70.11	56.06
	Q2	68.96	62.13	68.02	80.98	60.82	104.72	72.72	53.07	61.61	66.82	67.04	65.00		60.43	62.72	50.13
	Q3	70.59	63.59	69.63	82.90	62.25	107.19	74.44	65.67	76.23	82.67	82.95	81.00		61.85	64.19	51.32
	Q4	46.70	42.07	46.06	54.84	41.18	70.93	49.24	59.37	68.92	74.75	74.98	73.00		40.92	42.46	33.95
U.S. -- New Orleans	Q1	95.63	96.79	99.10	99.34	91.40	141.52	143.08	124.52	119.26	114.89	112.95	109.00	30.03	70.85	33.60	59.15
	Q2	66.98	68.30	70.45	97.34	89.40	98.96	100.05	115.33	110.07	105.70	103.76	107.00	22.84	54.72	25.92	45.63
	Q3	68.44	69.59	71.91	98.98	91.04	101.12	102.23	130.03	124.77	120.40	118.46	118.00	27.41	64.89	30.72	54.08
	Q4	50.97	52.12	54.44	93.34	85.40	76.11	76.95	120.85	115.60	111.22	109.28	113.00	28.38	60.84	31.68	50.70
U.S. -- Houston	Q1	95.63	96.79	99.10	99.34	91.40	141.52	143.08	124.52	119.26	114.89	112.95	109.00	30.03	70.85	33.60	59.15
	Q2	66.98	68.30	70.45	97.34	89.40	98.96	100.05	115.33	110.07	105.70	103.76	107.00	22.84	54.72	25.92	45.63
	Q3	68.44	69.59	71.91	98.98	91.04	101.12	102.23	130.03	124.77	120.40	118.46	118.00	27.41	64.89	30.72	54.08
	Q4	50.97	52.12	54.44	93.34	85.40	76.11	76.95	120.85	115.60	111.22	109.28	113.00	28.38	60.84	31.68	50.70
U.S. -- Seattle	Q1								98.16	90.35	85.90	84.07	107.00		85.00		
	Q2								75.23	67.42	62.96	61.14	111.00		62.00		
	Q3								86.27	78.42	74.00	72.18	122.00		73.00		
	Q4								75.23	67.42	62.96	61.14	117.00		61.00		
U.S. -- Norfolk	Q1	80.87	88.39	94.18	96.52	93.97	98.19	98.59					115.00			54.37	59.75
	Q2	78.74	86.08	91.71	96.52	93.97	98.19	98.59					113.00			45.16	46.08
	Q3	85.48	93.44	99.55	98.77	96.24	100.80	101.10					124.00			53.00	54.62
	Q4	80.87	88.39	94.18	92.22	89.44	93.45	93.85					119.00			49.70	51.21
U.S. -- Montreal	Q1	75.01	77.03	79.51	88.70	86.40	90.91	92.00					120.00	75.09	90.80	74.08	73.46
	Q2	73.04	75.06	77.54	88.70	86.40	90.91	92.00					118.00	73.11	90.80	72.10	71.48
	Q3	79.29	81.31	83.79	90.70	88.40	94.16	95.29					129.00	79.37	92.80	78.36	77.74
	Q4	75.01	77.03	79.51	84.70	82.42	90.09	91.17					124.00	79.36	86.80	78.35	77.73

Excess Demand
Corn - U.S.
2007-2008 Crop Year

Corn - U.S. Excess Demand 2007-08 Crop Year, (1,000 mt)

Location	Q1	Q2	Q3	Q4	Ex. Demand	Elasticity
AL_CRD10	(226.196)	(264.561)	(195.657)	(147.727)	(834.141)	-0.21
AL_CRD20	(628.796)	(735.444)	(543.901)	(410.663)	(2,318.805)	-0.21
AL_CRD30	(98.651)	(115.383)	(85.332)	(64.428)	(363.793)	-0.21
AL_CRD40	(26.020)	(30.005)	(20.008)	(13.225)	(89.257)	-0.23
AL_CRD50	(33.861)	(39.047)	(26.038)	(17.211)	(116.157)	-0.23
AL_CRD60	(226.771)	(261.502)	(174.376)	(115.260)	(777.910)	-0.23
AZ_CRD10	(136.007)	(135.597)	(71.986)	(39.737)	(383.327)	-0.24
AZ_CRD80	(136.007)	(135.597)	(71.986)	(39.737)	(383.327)	-0.24
AR_CRD10	(779.791)	(606.535)	(409.051)	(272.644)	(2,068.021)	-0.20
AR_CRD20	(137.603)	(107.078)	(71.393)	(47.222)	(363.297)	-0.20
AR_CRD40	(528.521)	(451.049)	(304.000)	(203.402)	(1,486.972)	-0.20
AR_CRD70	(302.495)	(335.649)	(228.779)	(153.851)	(1,020.773)	-0.21
AR_CRD80	(149.361)	(118.275)	(79.818)	(53.144)	(400.598)	-0.20
CA_CRD10	(22.069)	(28.523)	(20.528)	(15.602)	(86.721)	-0.21
CA_CRD20	(8.628)	(11.151)	(8.026)	(6.100)	(33.905)	-0.21
CA_CRD30	(9.119)	(11.786)	(8.482)	(6.447)	(35.834)	-0.21
CA_CRD40	(224.453)	(290.092)	(208.781)	(158.679)	(882.005)	-0.21
CA_CRD50	(64.406)	(83.242)	(59.909)	(45.533)	(253.090)	-0.21
CA_CRD51	(819.627)	(1,059.319)	(762.399)	(579.440)	(3,220.785)	-0.21
CA_CRD60	(46.369)	(59.929)	(43.131)	(32.781)	(182.209)	-0.21
CA_CRD80	(209.557)	(270.840)	(194.925)	(148.147)	(823.469)	-0.21
CO_CRD10	(25.006)	(25.006)	(25.006)	(25.006)	(100.026)	-0.69
CO_CRD20	(48.979)	(48.979)	(48.979)	(48.979)	(195.916)	-0.69
CO_CRD60	(62.132)	(62.132)	(62.132)	(62.132)	(248.529)	-0.69
CO_CRD70	(172.726)	(172.726)	(172.726)	(172.726)	(690.904)	-0.69
CO_CRD80	(43.724)	(43.724)	(43.724)	(43.724)	(174.896)	-0.69
CO_CRD90	(226.488)	(226.488)	(226.488)	(226.488)	(905.952)	-0.69
CT_CRD10	(48.110)	(34.995)	(24.662)	(16.170)	(123.937)	-0.20
DE_CRD50	(140.659)	(140.659)	(140.659)	(140.659)	(562.636)	-0.33
FL_CRD10	(15.272)	(40.970)	(27.815)	(18.052)	(102.108)	-0.26
FL_CRD30	(136.686)	(119.441)	(80.326)	(51.948)	(388.401)	-0.21
FL_CRD50	(92.706)	(81.010)	(54.480)	(35.233)	(263.429)	-0.21
FL_CRD80	(49.912)	(43.615)	(29.332)	(18.969)	(141.827)	-0.21
GA_CRD10	(243.396)	(194.633)	(132.983)	(89.769)	(660.781)	-0.25
GA_CRD20	(517.704)	(413.985)	(282.855)	(190.939)	(1,405.482)	-0.25
GA_CRD30	(580.491)	(464.193)	(317.159)	(214.095)	(1,575.939)	-0.25
GA_CRD40	(19.452)	(164.567)	(110.786)	(73.427)	(368.232)	-0.24
GA_CRD50	(11.441)	(96.795)	(65.162)	(43.188)	(216.585)	-0.24
GA_CRD60	(1.586)	(13.420)	(9.034)	(5.988)	(30.028)	-0.24
ID_CRD10	(30.015)	(69.824)	(40.644)	(25.887)	(166.370)	-0.26
ID_CRD70	(63.937)	(148.736)	(86.579)	(55.144)	(354.396)	-0.26
ID_CRD80	(64.412)	(149.841)	(87.222)	(55.554)	(357.030)	-0.26
ID_CRD90	(39.376)	(91.601)	(53.321)	(33.961)	(218.259)	-0.26
IL_CRD40	(773.203)	(773.203)	(773.203)	(773.203)	(3,092.814)	-1.74
IA_CRD60	(1,211.310)	(1,211.310)	(1,211.310)	(1,211.310)	(4,845.242)	-0.90
IA_CRD80	(122.745)	(122.745)	(122.745)	(122.745)	(490.982)	-0.20
KS_CRD30	(2.064)	(2.064)	(2.064)	(2.064)	(8.258)	-0.95
KS_CRD40	(70.987)	(70.987)	(70.987)	(70.987)	(283.949)	-0.32
KS_CRD50	(70.987)	(70.987)	(70.987)	(70.987)	(283.949)	-0.32
LA_CRD10	(24.671)	(93.420)	(62.908)	(41.774)	(222.774)	-0.23
LA_CRD20	(24.671)	(93.420)	(62.908)	(41.774)	(222.774)	-0.23
ME_CRD10	(22.799)	(16.586)	(11.617)	(7.601)	(58.603)	-0.20
ME_CRD20	(22.799)	(16.586)	(11.617)	(7.601)	(58.603)	-0.20
ME_CRD30	(22.799)	(16.586)	(11.617)	(7.601)	(58.603)	-0.20
MD_CRD30	(18.932)	(18.932)	(18.932)	(18.932)	(75.727)	-0.93
MD_CRD90	(35.109)	(35.109)	(35.109)	(35.109)	(140.434)	-0.93
MA_CRD10	(20.555)	(15.391)	(10.090)	(6.801)	(52.836)	-0.20
MI_CRD10	(26.243)	(30.274)	(18.615)	(11.975)	(87.106)	-0.24

Location	Q1	Q2	Q3	Q4	Ex. Demand	Elasticity
MN_CRD50	(4.662)	(4.662)	(4.662)	(4.662)	(18.648)	-0.42
MS_CRD70	(51.060)	(53.942)	(36.281)	(24.175)	(165.459)	-0.21
MS_CRD80	(276.056)	(291.639)	(196.155)	(130.703)	(894.553)	-0.21
MS_CRD90	(215.491)	(227.656)	(153.120)	(102.027)	(698.294)	-0.21
MO_CRD50	(123.422)	(123.422)	(123.422)	(123.422)	(493.688)	-0.48
MO_CRD70	(248.817)	(410.290)	(274.901)	(183.852)	(1,117.860)	-0.22
MO_CRD80	(52.727)	(87.488)	(57.173)	(39.131)	(236.520)	-0.24
MT_CRD50	(36.273)	(36.273)	(36.273)	(36.273)	(145.092)	-0.27
NE_CRD10	(70.583)	(70.583)	(70.583)	(70.583)	(282.333)	-0.83
NE_CRD20	(226.473)	(226.473)	(226.473)	(226.473)	(905.892)	-0.83
NV_CRD30	(47.076)	(32.372)	(15.709)	(8.425)	(103.582)	-0.20
NH_CRD10	(15.544)	(11.708)	(7.584)	(5.146)	(39.982)	-0.19
NM_CRD10	(14.598)	(23.355)	(15.430)	(11.135)	(64.517)	-0.33
NM_CRD30	(64.845)	(103.744)	(68.540)	(49.461)	(286.589)	-0.33
NM_CRD70	(15.261)	(24.415)	(16.130)	(11.640)	(67.446)	-0.33
NM_CRD90	(127.165)	(203.449)	(134.411)	(96.995)	(562.020)	-0.33
NY_CRD20	(4.413)	(83.970)	(53.026)	(35.511)	(176.919)	-0.31
NC_CRD10	(190.490)	(199.433)	(150.196)	(114.597)	(654.716)	-0.20
NC_CRD20	(28.633)	(29.978)	(22.577)	(17.226)	(98.413)	-0.20
NC_CRD40	(55.229)	(57.822)	(43.546)	(33.225)	(189.822)	-0.20
NC_CRD50	(217.589)	(227.805)	(171.563)	(130.899)	(747.856)	-0.20
NC_CRD60	(432.149)	(452.438)	(340.736)	(259.976)	(1,485.299)	-0.20
NC_CRD70	(136.313)	(236.490)	(168.863)	(118.274)	(659.940)	-0.23
NC_CRD80	(386.840)	(671.128)	(479.210)	(335.647)	(1,872.824)	-0.23
NC_CRD90	(1,091.974)	(1,894.465)	(1,352.718)	(947.466)	(5,286.622)	-0.23
OH_CRD30	(6.282)	(6.282)	(6.282)	(6.282)	(25.129)	0.31
OH_CRD60	(6.282)	(6.282)	(6.282)	(6.282)	(25.129)	0.31
OK_CRD10	(48.785)	(48.785)	(48.785)	(48.785)	(195.141)	-0.36
OK_CRD20	(67.632)	(64.699)	(38.182)	(22.781)	(193.294)	-0.22
OK_CRD30	(67.632)	(64.699)	(38.182)	(22.781)	(193.294)	-0.22
OK_CRD50	(67.632)	(64.699)	(38.182)	(22.781)	(193.294)	-0.22
OK_CRD60	(67.632)	(64.699)	(38.182)	(22.781)	(193.294)	-0.22
OK_CRD70	(88.094)	(111.319)	(74.348)	(48.543)	(322.304)	-0.21
OK_CRD80	(371.214)	(332.137)	(193.554)	(113.269)	(1,010.173)	-0.21
OK_CRD90	(206.675)	(184.919)	(107.762)	(63.063)	(562.419)	-0.21
OR_CRD10	(89.431)	(148.498)	(125.453)	(110.972)	(474.353)	-0.29
OR_CRD70	(89.431)	(148.498)	(125.453)	(110.972)	(474.353)	-0.29
PA_CRD20	(16.611)	(16.611)	(16.611)	(16.611)	(66.442)	-0.53
PA_CRD50	(57.838)	(57.838)	(57.838)	(57.838)	(231.354)	-0.53
PA_CRD90	(131.087)	(131.087)	(131.087)	(131.087)	(524.347)	-0.53
RI_CRD10	(2.246)	(1.680)	(1.116)	(0.742)	(5.784)	-0.18
SC_CRD10	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
SC_CRD20	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
SC_CRD30	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
SC_CRD40	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
SC_CRD50	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
SC_CRD80	(26.153)	(26.153)	(26.153)	(26.153)	(104.613)	-0.30
TN_CRD10	(46.675)	(46.675)	(46.675)	(46.675)	(186.700)	-0.55
TN_CRD20	(46.675)	(46.675)	(46.675)	(46.675)	(186.700)	-0.55
TN_CRD50	(192.398)	(249.807)	(238.093)	(226.856)	(907.154)	-0.47
TN_CRD60	(192.398)	(249.807)	(238.093)	(226.856)	(907.154)	-0.47
TX_CRD11	(1,063.518)	(1,063.518)	(1,063.518)	(1,063.518)	(4,254.071)	-0.26
TX_CRD12	(46.319)	(269.258)	(163.722)	(111.865)	(591.164)	-0.22
TX_CRD21	(78.297)	(61.722)	(33.144)	(17.926)	(191.088)	-0.20
TX_CRD22	(43.532)	(34.316)	(18.428)	(9.966)	(106.243)	-0.20
TX_CRD30	(100.363)	(79.117)	(42.485)	(22.978)	(244.943)	-0.20
TX_CRD51	(655.587)	(565.774)	(380.572)	(251.746)	(1,853.679)	-0.20
TX_CRD52	(26.604)	(92.736)	(60.978)	(38.595)	(218.913)	-0.22
TX_CRD70	(17.945)	(71.002)	(40.515)	(18.667)	(148.129)	-0.21

Location	Q1	Q2	Q3	Q4	Ex. Demand	Elasticity
TX_CRD81	(62.902)	(62.902)	(62.902)	(62.902)	(251.609)	-0.26
TX_CRD96	(5.231)	(76.221)	(44.964)	(29.175)	(155.591)	-0.42
TX_CRD97	(5.231)	(76.221)	(44.964)	(29.175)	(155.591)	-0.42
UT_CRD10	(88.547)	(89.479)	(56.847)	(35.352)	(270.224)	-0.22
UT_CRD50	(51.479)	(52.020)	(33.049)	(20.552)	(157.100)	-0.22
UT_CRD60	(35.472)	(35.845)	(22.773)	(14.162)	(108.253)	-0.22
UT_CRD70	(24.089)	(24.343)	(15.465)	(9.618)	(73.515)	-0.22
VT_CRD10	(106.123)	(80.730)	(51.421)	(35.737)	(274.012)	-0.20
VA_CRD20	(345.111)	(367.743)	(243.013)	(159.656)	(1,115.523)	-0.22
VA_CRD40	(94.140)	(100.314)	(66.289)	(43.551)	(304.294)	-0.22
VA_CRD70	(23.192)	(24.713)	(16.331)	(10.729)	(74.965)	-0.22
VA_CRD80	(33.156)	(35.331)	(23.347)	(15.339)	(107.173)	-0.22
WA_CRD10	(11.734)	(289.432)	(164.358)	(95.828)	(561.352)	-0.28
WA_CRD20	(2.385)	(58.835)	(33.410)	(19.480)	(114.110)	-0.28
WA_CRD30	(0.341)	(8.399)	(4.770)	(2.781)	(16.290)	-0.28
WA_CRD50	(1.403)	(34.613)	(19.655)	(11.460)	(67.131)	-0.28
WA_CRD90	(3.123)	(77.034)	(43.745)	(25.505)	(149.407)	-0.28
WV_CRD60	(143.602)	(168.784)	(112.152)	(73.244)	(497.782)	-0.23
WI_CRD10	(24.296)	(24.296)	(24.296)	(24.296)	(97.183)	-0.33
WI_CRD20	(28.534)	(28.534)	(28.534)	(28.534)	(114.137)	-0.33
WI_CRD40	(36.487)	(36.487)	(36.487)	(36.487)	(145.948)	-0.33
WY_CRD20	(18.010)	(18.010)	(18.010)	(18.010)	(72.039)	-0.89
WY_CRD40	(18.010)	(18.010)	(18.010)	(18.010)	(72.039)	-0.89
					(72,683)	

This worksheet contains excess demand for corn by state and crop reporting district (CRD) for 2007-08 marketing year.

Total excess demand is given as annual and quarterly excess demand.

Figures are 1,000 metric tons. Excess demand elasticities are obtained from 2003-04 UTCM grain project.

The data is extracted from file "UTCM Project 08-15-14_Domestic Corn Supply and Demand_2007-08.xlsx"

Excess Demand
Soybeans - U.S.
2007-2008 Crop Year

Soybeans - U.S. Excess Demand 2007-08 Crop Year, (1,000 mt)

Location	Q1	Q2	Q3	Q4	Ex. Demand	Elasticity
AL_CRD10	(118.556)	(118.556)	(118.556)	(118.556)	(474.223)	-0.18
AL_CRD20	(118.556)	(118.556)	(118.556)	(118.556)	(474.223)	-0.18
AL_CRD30	(118.556)	(118.556)	(118.556)	(118.556)	(474.223)	-0.18
GA_CRD10	(79.719)	(79.719)	(79.719)	(79.719)	(318.875)	-0.78
GA_CRD20	(79.719)	(79.719)	(79.719)	(79.719)	(318.875)	-0.78
GA_CRD30	(79.719)	(79.719)	(79.719)	(79.719)	(318.875)	-0.78
GA_CRD70	(70.891)	(70.891)	(70.891)	(70.891)	(283.563)	-0.83
GA_CRD80	(70.891)	(70.891)	(70.891)	(70.891)	(283.563)	-0.83
GA_CRD90	(70.891)	(70.891)	(70.891)	(70.891)	(283.563)	-0.83
IL_CRD30	(183.507)	(183.507)	(183.507)	(183.507)	(734.028)	-2.91
IL_CRD40	(220.605)	(220.605)	(220.605)	(220.605)	(882.421)	-2.78
IL_CRD50	(45.079)	(45.079)	(45.079)	(45.079)	(180.316)	-3.89
IN_CRD70	(1.616)	(1.616)	(1.616)	(1.616)	(6.463)	-2.77
IA_CRD20	(89.429)	(89.429)	(89.429)	(89.429)	(357.716)	-2.67
IA_CRD40	(522.697)	(522.697)	(522.697)	(522.697)	(2,090.788)	-1.32
IA_CRD70	(68.345)	(68.345)	(68.345)	(68.345)	(273.382)	-1.73
IA_CRD80	(103.671)	(103.671)	(103.671)	(103.671)	(414.683)	-1.30
KS_CRD70	(42.744)	(42.744)	(42.744)	(42.744)	(170.977)	-1.48
KS_CRD80	(42.744)	(42.744)	(42.744)	(42.744)	(170.977)	-1.48
KY_CRD20	(334.651)	(334.651)	(334.651)	(334.651)	(1,338.603)	-2.85
LA_CRD40	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
LA_CRD50	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
LA_CRD60	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
LA_CRD70	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
LA_CRD80	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
LA_CRD90	(8.040)	(8.040)	(8.040)	(8.040)	(32.160)	-1.68
MD_CRD10	(3.364)	(3.364)	(3.364)	(3.364)	(13.455)	-1.65
MD_CRD20	(3.364)	(3.364)	(3.364)	(3.364)	(13.455)	-1.65
MD_CRD30	(3.364)	(3.364)	(3.364)	(3.364)	(13.455)	-1.65
MD_CRD80	(3.364)	(3.364)	(3.364)	(3.364)	(13.455)	-1.65
MD_CRD90	(3.364)	(3.364)	(3.364)	(3.364)	(13.455)	-1.65
MN_CRD80	(496.752)	(496.752)	(496.752)	(496.752)	(1,987.009)	-1.36
MO_CRD10	(125.835)	(125.835)	(125.835)	(125.835)	(503.340)	-1.45
MO_CRD40	(107.837)	(107.837)	(107.837)	(107.837)	(431.347)	-1.25
NC_CRD10	(45.059)	(45.059)	(45.059)	(45.059)	(180.235)	-1.04
NC_CRD20	(45.059)	(45.059)	(45.059)	(45.059)	(180.235)	-1.04
NC_CRD40	(45.059)	(45.059)	(45.059)	(45.059)	(180.235)	-1.04
NC_CRD50	(45.059)	(45.059)	(45.059)	(45.059)	(180.235)	-1.04
NC_CRD60	(45.059)	(45.059)	(45.059)	(45.059)	(180.235)	-1.04
NC_CRD70	(1.555)	(1.555)	(1.555)	(1.555)	(6.220)	-1.04
NC_CRD80	(1.555)	(1.555)	(1.555)	(1.555)	(6.220)	-1.04
NC_CRD90	(1.555)	(1.555)	(1.555)	(1.555)	(6.220)	-1.04
SC_CRD10	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
SC_CRD20	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
SC_CRD30	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
SC_CRD40	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
SC_CRD50	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
SC_CRD80	(24.930)	(24.930)	(24.930)	(24.930)	(99.720)	-1.35
VA_CRD50	(29.717)	(29.717)	(29.717)	(29.717)	(118.869)	-2.10
VA_CRD60	(29.717)	(29.717)	(29.717)	(29.717)	(118.869)	-2.10
VA_CRD90	(29.717)	(29.717)	(29.717)	(29.717)	(118.869)	-2.10
	(3,727)	**(3,727)**	**(3,727)**	**(3,727)**	**(14,907)**	

Worksheet "Excess Demand Soya" contains excess demand for soybeans by state and crop reporting district (CRD) for 2007-08 marketing year.

Total excess demand is given as annual and quarterly excess demand.

Figures are 1000 (thousand) metric tons. Excess demand elasticities are obtained from 2003-04 UTCM grain project.

The data is extracted from file "UTCM Project 08-15-14_Domestic Soybean Supply and Demand_2007-08.xls"

Excess Demand
Corn - International
2007-2008 Crop Year

Corn - International Excess Demand Regions, 2007-08 (1000 mt)

			Demand Elasticity			
Country	**Port of Origin**	**Excess Demand**	**Fall**	**Winter**	**Spring**	**Summer**
Japan	Yokohama, Japan	16,600	-0.17	-0.15	-0.17	-0.17
Korea, Republic of	Ulsan, Republic of Korea	9,311	-0.18	-0.24	-0.20	-0.23
Spain	Barcelona, Spain	8,381	-2.08	-2.32	-1.74	-8.96
Egypt	Haifa, Israel	4,200	-0.58	-0.45	-0.48	-0.48
Taiwan	Kaohsiung, Taiwan	4,200	-0.21	-0.21	-0.19	-0.22
Mexico W	Veracruz, Mexico	3,877	-0.89	-2.45	-1.78	-2.18
Colombia	Callao, Peru	3,200	-0.41	-0.43	-0.65	-0.41
Iran	Dammam, Saudi Arabia	2,700	-0.33	-0.33	-0.25	-0.32
Malaysia	Singapore	2,490	-1.05	-1.05	-1.22	-0.39
Portugal	Barcelona, Spain	2,179	-2.08	-2.32	-1.74	-8.96
Algeria	Algiers, Algeria	2,000	-0.58	-0.45	-0.48	-0.48
Saudi Arabia	Dammam, Saudi Arabia	2,000	-0.33	-0.33	-0.25	-0.32
Mexico C	Veracruz, Mexico	1,938	-0.83	-2.27	-1.65	-2.02
Chile	Callao, Peru	1,825	-0.41	-0.43	-0.65	-0.41
Syria	Haifa, Israel	1,800	-0.28	-0.24	-0.24	-0.28
Israel	Haifa, Israel	1,700	-0.28	-0.24	-0.24	-0.28
Morocco	Algiers, Algeria	1,700	-0.58	-0.45	-0.48	-0.48
Mexico NW	Veracruz, Mexico	1,502	-2.30	-6.36	-4.63	-5.62
Canada W	Alberta/Ontario, Canada	1,449	-0.21	-0.21	-0.21	-0.21
Peru	Callao, Peru	1,390	-0.41	-0.43	-0.65	-0.41
Netherlands	Rotterdam, Netherlands	1,297	-2.65	-2.95	-2.21	-11.38
Turkey	Haifa, Israel	1,090	-0.28	-0.24	-0.24	-0.28
Dominican Republic	Maracaibo, Venezuela	1,000	-0.40	-0.48	-0.35	-0.35
Venezuela	Maracaibo, Venezuela	1,000	-0.40	-0.48	-0.35	-0.35
Mexico S	Veracruz, Mexico	965	-1.16	-3.19	-2.31	-2.83
Italy	Bari, Italy	889	-2.08	-2.32	-1.74	-8.96
Canada E	Alberta/Ontario, Canada	851	-0.21	-0.21	-0.21	-0.21
Tunisia	Algiers, Algeria	850	-0.58	-0.45	-0.48	-0.48
Mexico NE	Veracruz, Mexico	819	-1.45	-3.98	-2.89	-3.54
Guatemala	Puerto Cortes, Honduras	795	-0.43	-0.55	-0.51	-0.39
Costa Rica	Puerto Cortes, Honduras	700	-0.43	-0.55	-0.51	-0.39
Vietnam	Bangkok, Thailand	700	-1.05	-1.05	-1.22	-0.39
Cuba	Maracaibo, Venezuela	650	-0.40	-0.48	-0.35	-0.35
El Salvador	Puerto Cortes, Honduras	600	-0.43	-0.55	-0.51	-0.39
Zimbabwe	Durban, South Africa	600	-20.50	-1.27	-4.86	-39.94
Libya	Algiers, Algeria	550	-0.58	-0.45	-0.48	-0.48
Ecuador	Callao, Peru	465	-0.41	-0.43	-0.65	-0.41
Panama	Puerto Cortes, Honduras	325	-0.43	-0.55	-0.51	-0.39
Honduras	Puerto Cortes, Honduras	300	-0.43	-0.55	-0.51	-0.39
Jamaica and Dep	Maracaibo, Venezuela	300	-0.40	-0.48	-0.35	-0.35
Jordan	Haifa, Israel	300	-0.28	-0.24	-0.24	-0.28
Lebanon	Haifa, Israel	300	-0.28	-0.24	-0.24	-0.28
Yemen	Dammam, Saudi Arabia	300	-0.33	-0.33	-0.25	-0.32
Denmark	Rotterdam, Netherlands	223	-2.65	-2.95	-2.21	-11.38
Russian Federation	Odesa, Ukraine	200	-0.41	-0.41	-0.41	-0.41
Uruguay	Buenos Aires, Argentina	200	-0.41	-0.43	-0.65	-0.41
United Kingdom	Rotterdam, Netherlands	180	-2.65	-2.95	-2.21	-11.38
Indonesia	Singapore	150	-1.05	-1.05	-1.22	-0.39
Korea, Dem Peoples Rep	Ulsan, Republic of Korea	150	-0.18	-0.24	-0.20	-0.23

			Demand Elasticity			
Country	**Port of Origin**	**Excess Demand**	**Fall**	**Winter**	**Spring**	**Summer**
Switzerland	Rotterdam, Netherlands	150	-2.65	-2.95	-2.21	-11.38
Nicaragua	Puerto Cortes, Honduras	130	-0.43	-0.55	-0.51	-0.39
Trinidad and Tobago	Maracaibo, Venezuela	110	-0.40	-0.48	-0.35	-0.35
Belarus	Rotterdam, Netherlands	100	-1.79	-1.79	-1.79	-1.79
Bosnia and Herzegovina	Bari, Italy	100	-3.13	-18.07	-18.07	-91.71
Kuwait	Dammam, Saudi Arabia	100	-0.33	-0.33	-0.25	-0.32
Senegal	Lagos, Nigeria	100	-10.96	-10.96	-10.96	-10.96
Republic of Ireland	Rotterdam, Netherlands	91	-2.65	-2.95	-2.21	-11.38
Croatia	Bari, Italy	90	-3.13	-18.07	-18.07	-91.71
Belgium	Rotterdam, Netherlands	83	-2.65	-2.95	-2.21	-11.38
Poland	Rotterdam, Netherlands	76	-2.65	-2.95	-2.21	-11.38
Hong Kong	Kaohsiung, Taiwan	75	-1.05	-1.05	-1.22	-0.39
Norway	Rotterdam, Netherlands	75	-0.17	-0.17	-0.32	-0.28
Angola	Lagos, Nigeria	50	-10.96	-10.96	-10.96	-10.96
Azerbaijan, Republic of	Odesa, Ukraine	50	-3.13	-18.07	-18.07	-91.71
Iraq	Dammam, Saudi Arabia	50	-0.33	-0.33	-0.25	-0.32
Macedonia, Republic of	Bari, Italy	50	-3.13	-18.07	-18.07	-91.71
Philippines	Singapore	50	-1.05	-1.05	-1.22	-0.39
Swaziland	Durban, South Africa	50	-20.50	-1.27	-4.86	-39.94
Albania	Bari, Italy	45	-3.13	-18.07	-18.07	-91.71
Germany	Rotterdam, Netherlands	35	-2.65	-2.95	-2.21	-11.38
Greece	Bari, Italy	30	-2.08	-2.32	-1.74	-8.96
Malta	Bari, Italy	27	-2.08	-2.32	-1.74	-8.96
Georgia, Republic of	Odesa, Ukraine	25	-3.13	-18.07	-18.07	-91.71
Ghana	Lagos, Nigeria	25	-10.96	-10.96	-10.96	-10.96
Kenya	Dar es Salaam, Tanzania	25	-20.50	-1.27	-4.86	-39.94
Lesotho	Durban, South Africa	25	-20.50	-1.27	-4.86	-39.94
Mozambique	Dar es Salaam, Tanzania	25	-20.50	-1.27	-4.86	-39.94
Cape Verde	Lagos, Nigeria	15	-10.96	-10.96	-10.96	-10.96
Guyana	Maracaibo, Venezuela	15	-0.40	-0.48	-0.35	-0.35
Botswana	Durban, South Africa	10	-20.50	-1.27	-4.86	-39.94
Cameroon	Lagos, Nigeria	10	-10.96	-10.96	-10.96	-10.96
Pakistan	Madras, India	10	-0.33	-0.33	-0.25	-0.32
Singapore	Singapore	10	-1.05	-1.05	-1.22	-0.39
Somalia	Dammam, Saudi Arabia	10	-20.50	-1.27	-4.86	-39.94
Bulgaria	Odesa, Ukraine	6	-2.08	-2.32	-1.74	-8.96
Kyrgyzstan, Republic of	Odesa, Ukraine	5	-3.13	-18.07	-18.07	-91.71
Romania	Odesa, Ukraine	1	-3.13	-18.07	-18.07	-91.71
France	Barcelona, Spain	0.5	-2.08	-2.32	-1.74	-8.96
Cyprus	Haifa, Israel	0.1	-0.28	-0.24	-0.24	-0.28
Slovakia	Bari, Italy	0.1	-2.08	-2.32	-1.74	-8.96
Czech Republic	Rotterdam, Netherlands	0.04	-2.65	-2.95	-2.21	-11.38
Lithuania	Rotterdam, Netherlands	0.04	-2.65	-2.95	-2.21	-11.38

This worksheet contains information on each country's excess demand for corn in 1000 (thousand) metric tons for 2007-08 marketing year.

Port of origin is the major shipping and receiving port assigned for each country within a specific broader geographic area (which may contain several neighboring countries).

Demand elasticity is a country's estimated excess demand elasticity.

Source: USDA, Foreign Agricultural Service

URL: http://www.fas.usda.gov/psdonline/psdQuery.aspx

Excess Demand
Soybeans - International
2007-2008 Crop Year

Soybeans - International Excess Demand Regions, 2007-08 (1000 mt)

			Demand Elasticity			
Country	**Port of Origin**	**Excess Demand**	**Fall**	**Winter**	**Spring**	**Summer**
China, Peoples Republic of	Shanghai, China	36,050	-0.48	-0.69	-0.62	-0.57
Netherlands	Rotterdam, Netherlands	5,618	-0.50	-0.84	-0.61	-0.69
Japan	Yokohama, Japan	4,050	-0.55	-0.56	-0.61	-0.94
Spain	Barcelona, Spain	3,181	-0.84	-1.74	-1.13	-0.84
Taiwan	Kaohsiung, Taiwan	2,300	-1.12	-1.57	-1.32	-1.89
Germany	Rotterdam, Netherlands	1,795	-0.50	-0.84	-0.61	-0.69
Italy	Bari, Italy	1,644	-0.84	-1.74	-1.13	-0.84
Thailand	Bangkok, Thailand	1,597	-1.08	-1.37	-1.25	-1.47
Portugal	Barcelona, Spain	1,397	-0.84	-1.74	-1.13	-0.84
Mexico W	Veracruz, Mexico	1,314	-0.40	-0.52	-0.54	-0.68
Korea, Republic of	Ulsan, Republic of Korea	1,250	-1.78	-2.33	-1.23	-2.56
Egypt	Haifa, Israel	1,200	-1.07	-0.56	-0.62	-0.62
Turkey	Haifa, Israel	1,200	-0.75	-1.09	-0.69	-1.21
Indonesia	Singapore	1,198	-1.08	-1.37	-1.25	-1.47
Iran	Dammam, Saudi Arabia	1,050	-0.82	-0.79	-0.79	-0.62
Mexico NE	Veracruz, Mexico	803	-0.66	-0.85	-0.88	-1.11
United Kingdom	Rotterdam, Netherlands	720	-0.50	-0.84	-0.61	-0.69
Mexico NW	Veracruz, Mexico	584	-0.91	-1.16	-1.21	-1.54
Israel	Haifa, Israel	550	-0.75	-1.09	-0.69	-1.21
Mexico C	Veracruz, Mexico	548	-0.97	-1.24	-1.29	-1.64
Malaysia	Singapore	440	-1.08	-1.37	-1.25	-1.47
Syria	Haifa, Israel	425	-0.75	-1.09	-0.69	-1.21
Norway	Rotterdam, Netherlands	420	-0.79	-1.25	-0.85	-0.83
Mexico S	Veracruz, Mexico	402	-1.32	-1.68	-1.77	-2.24
Morocco	Algiers, Algeria	400	-1.07	-0.56	-0.62	-0.62
Russian Federation	Odesa, Ukraine	358	-4.58	-4.58	-4.58	-4.58
Colombia	Callao, Peru	320	-14.91	-15.75	-2.39	-3.38
Belgium	Rotterdam, Netherlands	307	-0.50	-0.84	-0.61	-0.69
United Arab Emirates	Dammam, Saudi Arabia	300	-0.82	-0.79	-0.79	-0.62
Costa Rica	Puerto Cortes, Honduras	240	-0.84	-0.87	-0.89	-3.44
Greece	Bari, Italy	212	-0.84	-1.74	-1.13	-0.84
Chile	Callao, Peru	182	-14.91	-15.75	-2.39	-3.38
Bangladesh	Madras, India	131	-0.91	-0.91	-0.91	-0.91
Cuba	Maracaibo, Venezuela	125	-1.25	-0.81	-1.30	-0.65
South Africa, Republic of	Durban, South Africa	114	-4.39	-4.39	-4.39	-4.39
Vietnam	Bangkok, Thailand	110	-1.08	-1.37	-1.25	-1.47
France	Barcelona, Spain	101	-0.84	-1.74	-1.13	-0.84
Philippines	Singapore	100	-1.08	-1.37	-1.25	-1.47
Peru	Callao, Peru	90	-14.91	-15.75	-2.39	-3.38
Pakistan	Madras, India	50	-0.91	-0.91	-0.91	-0.91
Korea, Dem Peoples Rep	Ulsan, Republic of Korea	40	-1.78	-2.33	-1.23	-2.56
Switzerland	Rotterdam, Netherlands	40	-0.50	-0.84	-0.61	-0.69
Venezuela	Maracaibo, Venezuela	30	-1.25	-0.81	-1.30	-0.65
Barbados	Maracaibo, Venezuela	27	-1.25	-0.81	-1.30	-0.65

			Demand Elasticity			
Country	**Port of Origin**	**Excess Demand**	**Fall**	**Winter**	**Spring**	**Summer**
Guatemala	Puerto Cortes, Honduras	24	-0.84	-0.87	-0.89	-3.44
Bosnia and Herzegovina	Bari, Italy	20	-4.58	-4.58	-4.58	-4.58
Singapore	Singapore	19	-1.08	-1.37	-1.25	-1.47
Romania	Odesa, Ukraine	18	-4.58	-4.58	-4.58	-4.58
Serbia	Bari, Italy	14	-4.58	-4.58	-4.58	-4.58
Republic of Ireland	Rotterdam, Netherlands	6	-0.50	-0.84	-0.61	-0.69
Bolivia	Santos, Brazil	5	-14.91	-15.75	-2.39	-3.38
Uzbekistan, Republic of	Odesa, Ukraine	5	-4.58	-4.58	-4.58	-4.58
Croatia	Bari, Italy	4	-4.58	-4.58	-4.58	-4.58
Panama	Puerto Cortes, Honduras	4	-0.84	-0.87	-0.89	-3.44
Nigeria	Lagos, Nigeria	3	-9.24	-9.24	-9.24	-9.24
Denmark	Rotterdam, Netherlands	1	-0.50	-0.84	-0.61	-0.69
Sweden	Rotterdam, Netherlands	1	-0.79	-1.25	-0.85	-0.83
Hungary	Bari, Italy	0.003	-0.84	-1.74	-1.13	-0.84

This worksheet contains information on each country's excess demand for soybeans in 1000 (thousand) metric tons for 2007-08 marketing year.
Port of origin is the major shipping and receiving port assigned for each country within a specific broader geographic area (which may contain several neighboring countries).
Demand elasticity is a country's estimated excess demand elasticity.

Source: USDA, Foreign Agricultural Service
URL: http://www.fas.usda.gov/psdonline/psdQuery.aspx

Excess Supply
Corn - U.S.
2007-2008 Crop Year

Corn - U.S. Excess Supply for 2007-08 Crop Year, (1000 mt)

Location	Excess Supply	Elasticity
AR_CRD30	542.894	1.69
AR_CRD50	76.937	2.22
AR_CRD60	76.937	2.22
AR_CRD90	475.832	5.89
GA_CRD70	34.654	0.39
GA_CRD80	34.654	0.39
GA_CRD90	34.654	0.39
IA_CRD10	1,255.913	1.35
IA_CRD20	3,675.779	0.85
IA_CRD30	4,172.996	0.56
IA_CRD40	5,395.966	0.71
IA_CRD50	3,649.326	0.48
IA_CRD70	2,336.219	0.44
IA_CRD90	958.239	0.75
IL_CRD10	7,886.594	0.44
IL_CRD20	2,955.227	1.10
IL_CRD30	5,166.355	0.36
IL_CRD50	7,136.431	0.42
IL_CRD60	7,265.725	0.35
IL_CRD70	5,305.229	0.56
IL_CRD80	1,371.827	0.51
IL_CRD90	1,371.827	0.51
IN_CRD20	352.874	1.64
IN_CRD30	352.874	1.64
IN_CRD10	2,264.217	0.99
IN_CRD40	767.106	0.90
IN_CRD50	2,261.978	0.42
IN_CRD60	2,261.978	0.42
IN_CRD70	1,783.723	1.18
IN_CRD80	499.624	0.65
IN_CRD90	499.624	0.65
KS_CRD60	319.435	0.98
KS_CRD70	473.466	0.98
KS_CRD80	473.466	0.98
KS_CRD90	490.095	0.95
KY_CRD10	547.672	2.02
KY_CRD20	1,486.192	0.82
KY_CRD40	283.148	2.08
LA_CRD30	2,197.304	0.67
LA_CRD60	267.718	15.67
MI_CRD30	302.732	1.50
MI_CRD60	861.787	1.60
MI_CRD70	654.669	0.70
MI_CRD80	654.669	0.70
MI_CRD90	431.462	0.44
MN_CRD10	125.501	4.31
MN_CRD20	125.501	4.31
MN_CRD30	125.501	4.31
MN_CRD60	125.501	4.31

Location	Excess Supply	Elasticity
MN_CRD40	3,139.897	0.80
MN_CRD70	1,811.687	2.28
MN_CRD80	3,047.894	1.09
MN_CRD90	2,630.283	1.11
MO_CRD10	1,766.120	1.89
MO_CRD20	178.990	0.31
MO_CRD30	1,103.202	0.46
MO_CRD40	590.964	3.19
MO_CRD60	533.359	0.59
MO_CRD90	2,134.922	0.38
MS_CRD10	457.604	0.69
MS_CRD20	457.604	0.69
MS_CRD30	48.854	0.36
MS_CRD40	387.594	0.36
MS_CRD50	387.594	0.36
MS_CRD60	387.594	0.36
ND_CRD10	502.537	1.31
ND_CRD20	502.537	1.31
ND_CRD30	502.537	1.31
ND_CRD40	502.537	1.31
ND_CRD50	502.537	1.31
ND_CRD60	502.537	1.31
ND_CRD70	502.537	1.31
ND_CRD80	502.537	1.31
ND_CRD90	502.537	1.31
NE_CRD30	3,674.226	0.89
NE_CRD50	2,745.393	0.69
NE_CRD60	1,331.377	7.96
NE_CRD70	1,943.100	1.18
NE_CRD80	1,815.229	2.85
NE_CRD90	2,172.732	1.06
NJ_CRD20	56.091	0.61
NJ_CRD50	56.091	0.61
NJ_CRD80	56.091	0.61
NY_CRD40	35.576	0.43
NY_CRD50	35.576	0.43
NY_CRD60	35.576	0.43
NY_CRD70	35.576	0.43
NY_CRD80	35.576	0.43
NY_CRD90	35.576	0.43
NY_CRD91	35.576	0.43
OH_CRD10	1,815.845	0.40
OH_CRD20	1,815.845	0.40
OH_CRD40	1,505.390	0.61
OH_CRD50	1,505.390	0.61
OH_CRD70	185.464	4.77
OH_CRD80	185.464	4.77
OH_CRD90	26.971	0.60
OK_CRD40	49.500	0.82
PA_CRD10	117.042	0.78

Location	Excess Supply	Elasticity
PA_CRD40	117.042	0.78
PA_CRD70	117.042	0.78
SD_CRD10	188.528	4.29
SD_CRD20	188.528	4.29
SD_CRD40	188.528	4.29
SD_CRD70	188.528	4.29
SD_CRD30	788.992	3.86
SD_CRD50	63.008	1.41
SD_CRD60	1,330.638	2.14
SD_CRD90	1,330.638	2.14
SD_CRD80	122.942	1.43
TN_CRD30	38.241	1.52
TN_CRD40	38.241	1.52
TX_CRD40	952.739	4.52
TX_CRD82	64.043	1.18
TX_CRD90	673.587	1.65
VA_CRD50	32.974	2.95
VA_CRD60	32.974	2.95
VA_CRD90	32.974	2.95
WI_CRD50	22.035	0.84
WI_CRD70	456.863	1.51
WI_CRD80	456.863	1.51
WI_CRD90	456.863	1.51
	134,946	

This worksheet contains excess supply for corn by U.S. state and crop reporting district (CRD) for 2007-08 marketing year.

Figures are 1000 (thousand) metric tons. Excess demand elasticities are obtained from 2003-04 UTCM grain project.

The data is extracted from file "UTCM Project 08-15-14_Domestic Corn Supply and Demand_2007-08.xlsx"

Excess Supply
Soybeans - U.S.
2007-2008 Crop Year

Soybeans - U.S. Excess Supply for 2007-08 Crop Year, (1000 mt)

Location	Excess Supply	Elasticity
AL_CRD40	12.068	0.58
AL_CRD50	12.068	0.58
AL_CRD60	12.068	0.58
AR_CRD10	2.673	0.61
AR_CRD20	2.673	0.54
AR_CRD30	988.386	0.58
AR_CRD40	24.237	0.58
AR_CRD50	355.927	2.82
AR_CRD60	355.927	2.82
AR_CRD70	16.249	0.58
AR_CRD80	2.673	0.58
AR_CRD90	469.364	0.58
DE_CRD20	35.231	0.63
DE_CRD50	35.231	0.63
DE_CRD80	35.231	0.63
FL_CRD10	7.110	0.40
FL_CRD50	1.637	0.40
GA_CRD40	42.541	0.40
GA_CRD50	42.541	0.40
GA_CRD60	42.541	0.40
IL_CRD10	1,166.246	0.27
IL_CRD20	898.076	0.27
IL_CRD60	1,249.185	0.27
IL_CRD70	1,738.746	0.27
IL_CRD80	136.982	1.51
IL_CRD90	136.982	1.51
IN_CRD10	849.253	0.27
IN_CRD20	50.855	9.15
IN_CRD30	50.855	9.15
IN_CRD40	262.806	2.46
IN_CRD50	148.306	2.99
IN_CRD60	148.306	2.99
IN_CRD80	18.610	1.28
IN_CRD90	18.610	1.28
IA_CRD10	1,343.195	1.23
IA_CRD30	1,044.422	0.27
IA_CRD50	1,379.668	0.94
IA_CRD60	1,196.888	0.27
IA_CRD90	954.127	0.27
KS_CRD10	46.762	0.53
KS_CRD20	46.762	0.53
KS_CRD30	46.762	0.53
KS_CRD40	328.227	0.53
KS_CRD50	328.227	0.53
KS_CRD60	268.364	0.53
KS_CRD90	339.070	0.53
LA_CRD10	11.465	0.58
LA_CRD20	11.465	0.58
LA_CRD30	249.048	0.57

Location	Excess Supply	Elasticity
MI_CRD10	1.367	0.36
MI_CRD20	48.177	0.36
MI_CRD30	48.177	0.36
MI_CRD40	48.177	0.36
MI_CRD50	48.177	0.36
MI_CRD60	413.055	0.36
MI_CRD70	336.754	0.84
MI_CRD80	336.754	0.84
MI_CRD90	482.910	0.36
MN_CRD10	298.611	0.36
MN_CRD20	298.611	0.36
MN_CRD30	298.611	0.36
MN_CRD40	666.066	1.33
MN_CRD50	941.550	0.36
MN_CRD60	298.611	0.36
MN_CRD70	943.674	1.22
MN_CRD90	845.882	0.36
MS_CRD10	152.811	8.85
MS_CRD20	152.811	8.85
MS_CRD30	80.181	0.58
MS_CRD40	264.629	0.58
MS_CRD50	264.629	0.58
MS_CRD60	264.629	0.58
MS_CRD70	16.919	0.58
MS_CRD80	16.919	0.58
MS_CRD90	16.919	0.58
MO_CRD20	859.671	0.27
MO_CRD30	374.858	1.77
MO_CRD50	499.463	0.27
MO_CRD60	292.813	0.27
MO_CRD70	150.795	0.27
MO_CRD80	23.629	0.27
MO_CRD90	833.035	0.27
NE_CRD10	54.821	0.53
NE_CRD20	54.821	0.53
NE_CRD30	927.907	1.37
NE_CRD50	314.481	0.53
NE_CRD60	439.077	9.02
NE_CRD70	93.982	0.53
NE_CRD80	535.198	0.53
NE_CRD90	1,260.513	0.53
NJ_CRD20	24.793	0.63
NJ_CRD50	24.793	0.63
NJ_CRD80	24.793	0.63
NY_CRD20	4.182	0.66
NY_CRD30	4.182	0.66
NY_CRD40	32.275	0.66
NY_CRD50	32.275	0.66
NY_CRD60	32.275	0.66
NY_CRD70	32.275	0.66

Location	Excess Supply	Elasticity
NY_CRD80	32.275	0.66
NY_CRD90	32.275	0.66
NY_CRD91	32.275	0.66
ND_CRD10	353.155	0.82
ND_CRD20	353.155	0.82
ND_CRD30	353.155	0.82
ND_CRD40	353.155	0.82
ND_CRD50	353.155	0.82
ND_CRD60	353.155	0.82
ND_CRD70	353.155	0.82
ND_CRD80	353.155	0.82
ND_CRD90	353.155	0.82
OH_CRD10	66.342	2.21
OH_CRD20	66.342	2.21
OH_CRD30	172.777	0.27
OH_CRD40	294.576	3.25
OH_CRD50	294.576	3.25
OH_CRD60	172.777	0.27
OH_CRD70	322.707	0.27
OH_CRD80	322.707	0.27
OH_CRD90	49.904	0.27
OK_CRD10	3.493	0.61
OK_CRD30	18.527	0.61
OK_CRD40	34.927	0.61
OK_CRD70	46.469	0.61
OK_CRD80	12.073	0.61
OK_CRD90	12.073	0.61
PA_CRD10	35.737	0.63
PA_CRD20	69.298	0.63
PA_CRD30	69.298	0.63
PA_CRD40	35.737	0.63
PA_CRD50	69.298	0.63
PA_CRD60	69.298	0.63
PA_CRD70	35.737	0.63
PA_CRD80	69.298	0.63
PA_CRD90	69.298	0.63
SD_CRD10	192.526	0.82
SD_CRD20	192.526	0.82
SD_CRD30	826.657	0.12
SD_CRD40	192.526	0.82
SD_CRD50	340.072	0.82
SD_CRD60	625.803	0.63
SD_CRD70	192.526	0.82
SD_CRD80	31.617	0.82
SD_CRD90	625.803	0.63
TN_CRD10	211.083	0.40
TN_CRD20	211.083	0.40
TN_CRD30	33.561	0.09
TN_CRD40	33.561	0.09
TN_CRD50	20.501	0.40

Location	Excess Supply	Elasticity
TN_CRD60	20.501	0.40
TX_CRD11	13.918	0.61
TX_CRD12	2.719	0.61
TX_CRD40	44.225	0.61
TX_CRD51	9.541	0.61
TX_CRD81	2.936	0.60
TX_CRD90	17.246	0.61
TX_CRD96	1.564	0.57
VA_CRD20	10.630	0.40
VA_CRD40	10.630	0.40
VA_CRD70	10.630	0.40
VA_CRD80	10.630	0.40
WV_CRD20	4.677	0.40
WV_CRD40	4.677	0.40
WV_CRD60	4.677	0.40
WI_CRD10	113.691	0.01
WI_CRD20	113.691	0.01
WI_CRD30	131.712	0.12
WI_CRD40	113.691	0.01
WI_CRD50	131.712	0.12
WI_CRD60	131.712	0.12
WI_CRD70	279.723	0.06
WI_CRD80	279.723	0.06
WI_CRD90	279.723	0.06
	42,640	

This worksheet contains excess supply for soybeans by U.S. state and crop reporting district (CRD) for 2007-08 marketing year.

Figures are 1000 (thousand) metric tons. Excess demand elasticities are obtained from 2003-04 UTCM grain project.

The data is extracted from file "UTCM Project 08-15-14_Domestic Soybean Supply and Demand_2007-08.xls"

Excess Supply
Corn and Soybeans - International
2007-2008 Crop Year

Corn - International Excess Supply Regions, 2007-08 (1000 mt)

Country	Port of Origin	Excess Supply	Supply Elasticity
United States		62,263	
Argentina	Buenos Aires, Argentina	15,000	0.59
Brazil	Santos, Brazil	6,950	0.43
India	Madras, India	2,195	0.29
Ukraine	Odesa, Ukraine	1,980	0.34
Paraguay	Santos, Brazil	1,495	0.12
South Africa, Republic of	Durban, South Africa	1,300	0.24
China, Peoples Republic of	Shanghai, China	550	0.15
Malawi	Dar es Salaam, Tanzania	299	0.24
Burma, Union of	Bangkok, Thailand	250	0.20
Cambodia	Bangkok, Thailand	250	0.20
Tanzania, United Republic of	Dar es Salaam, Tanzania	200	0.09
Nigeria	Lagos, Nigeria	100	0.09
Zambia	Dar es Salaam, Tanzania	100	0.09
Thailand	Bangkok, Thailand	88	0.20
Serbia	Bari, Italy	50	0.10
Uganda	Dar es Salaam, Tanzania	50	0.09
Moldova, Republic of	Odesa, Ukraine	25	0.14
Bolivia	Santos, Brazil	20	0.12
Australia	Singapore	10	0.27
Kazakhstan, Republic of	Odesa, Ukraine	5	0.14

Soybeans - International Excess Supply Regions, 2007-08 (1000 mt)

Country	Port of Origin	Excess Supply	Supply Elasticity
United States		31,269	
Brazil	Santos, Brazil	25,235	0.26
Argentina	Buenos Aires, Argentina	10,550	0.26
Paraguay	Santos, Brazil	5,065	0.26
Canada E	Alberta/Ontario, Canada	1,454	0.32
Uruguay	Buenos Aires, Argentina	803	0.26
Ukraine	Odesa, Ukraine	194	0.26
Canada W	Alberta/Ontario, Canada	16	0.32
Ecuador	Callao, Peru	6	0.26
India	Madras, India	5	0.26
Uganda	Dar es Salaam, Tanzania	5	0.26
Australia	Singapore	1	0.26

This worksheet lists each country's excess supply of corn or soybeans in 1000 (thousand) metric tons for 2007-08 marketing year.

Port of origin is the major shipping and receiving port assigned for each country within a specific broader geographic area (which may contain several neighboring countries).

Supply elasticity is a country's estimated excess supply elasticity.

Source: USDA, Foreign Agricultural Service

URL: http://www.fas.usda.gov/psdonline/psdQuery.aspx

Soybeans
Ex-Supply and Ex-Demand
2007-2008 Crop Year

SOYBEANS EX-SUPPLY AND EX-DEMAND FOR 2007-08 CROP YEAR (bushels)

STATE	CRD	PRODUCTION	BEGIN STOCKS	SUPPLY	CRUSH: Q1 (Sep-Nov 07)	CRUSH: Q2 (Dec-Feb 08)	CRUSH: Q3 (Mar-May 08)	CRUSH: Q4 (Jun-Aug 08)	SEED FEED RESIDUAL	SURPLUS/ DEFICIT	ENDING STOCK (forecast)	TOTAL DEMAND	EX-DEM-ELA	EX-SUP-ELA
AL	10,20,30	2,616,419	580,244	3,196,663	14,283,280	14,279,763	13,981,142	12,617,218	167,009	-52,273,318	141,570	55,328,412	-0.18	
AL	40,50,60	1,205,089	267,253	1,472,343					76,922	1,330,215	65,205	76,922		0.58
AR	10	88,966	19,730	108,696					5,679	98,204	4,814	5,679		0.61
AR	20	88,966	19,730	108,696					5,679	98,204	4,814	5,679		0.54
AR	30	32,900,357	7,296,328	40,196,685					2,100,071	36,316,432	1,780,181	2,100,071		0.58
AR	40	806,763	178,916	985,679					51,497	890,530	43,653	51,497		0.58
AR	70	540,875	119,950	660,825					34,525	597,034	29,266	34,525		0.58
AR	80	88,966	19,730	108,696					5,679	98,204	4,814	5,679		0.58
AR	90	15,623,702	3,464,876	19,088,577					997,280	17,245,925	845,371	997,280		0.58
AR	50,60	51,404,344	11,399,966	62,804,309	10,369,957	7,942,539	6,836,941	5,436,482	3,281,204	26,155,787	2,781,400	33,867,122		2.82
DE	All	3,518,214	780,236	4,298,450					224,572	3,883,514	190,364	224,572		0.63
FL	10	236,671	52,487	289,157					15,107	261,244	12,806	15,107		0.40
FL	All Other	54,492	12,085	66,577					3,478	60,150	2,948	3,478		0.40
GA	10,20,30	283,075	62,778	345,852	9,182,368	9,180,107	8,988,131	8,111,298	18,069	-35,149,439	15,317	35,479,974	-0.78	
GA	40,50,60	4,248,142	942,113	5,190,255					271,164	4,689,231	229,860	271,164		0.40
GA	70,80,90	3,809,377	844,807	4,654,184	9,182,368	9,180,107	8,988,131	8,111,298	243,157	-31,256,997	206,119	35,705,063	-0.83	
IA	10	75,599,143	16,765,658	92,364,800	6,769,848	9,802,678	9,482,006	8,040,911	4,825,588	49,353,230	4,090,539	38,921,032		1.23
IA	20	57,240,737	12,694,305	69,935,043	15,155,308	21,944,747	21,226,873	18,000,770	3,653,748	-13,143,601	3,097,197	79,981,446	-2.67	
IA	30	34,765,617	7,709,987	42,475,604					2,219,133	38,375,364	1,881,107	2,219,133		0.27
IA	40	69,400,818	15,391,052	84,791,870	30,464,206	44,111,890	42,668,868	36,183,967	4,429,941	-76,822,160	3,755,158	157,858,872	-1.32	
IA	50	67,336,394	14,933,224	82,269,618	4,692,795	6,795,123	6,572,836	5,573,883	4,298,166	50,693,359	3,643,456	27,932,804		0.94
IA	60	39,840,742	8,835,500	48,676,242					2,543,084	43,977,444	2,155,714	2,543,084		0.27
IA	70	45,305,095	10,047,332	55,352,427	11,924,086	17,265,967	16,701,149	14,162,875	2,891,881	-10,044,910	2,451,380	62,945,957	-1.73	
IA	80	22,349,759	4,956,517	27,306,275	7,923,792	11,473,578	11,098,246	9,411,512	1,426,613	-15,236,773	1,209,307	41,333,741	-1.30	
IA	90	31,759,970	7,043,424	38,803,394					2,027,279	35,057,638	1,718,477	2,027,279		0.27
IL	10	38,820,763	8,609,299	47,430,062					2,477,978	42,851,560	2,100,524	2,477,978		0.27
IL	20	29,894,205	6,629,652	36,523,857					1,908,185	32,998,149	1,617,524	1,908,185		0.27
IL	30	34,533,193	7,658,442	42,191,635	17,237,998	16,953,954	16,106,932	14,790,431	2,204,297	-26,970,509	1,868,531	67,293,612	-2.91	
IL	40	50,196,626	11,132,129	61,328,755	23,260,962	22,877,672	21,734,701	19,958,213	3,204,113	-32,422,959	2,716,053	91,035,662	-2.78	
IL	50	61,489,082	13,636,463	75,125,545	19,730,005	19,404,898	18,435,427	16,928,606	3,924,925	-6,625,383	3,327,068	78,423,860	-3.89	
IL	60	41,581,550	9,221,560	50,803,111					2,654,202	45,899,002	2,249,906	2,654,202		0.27
IL	70	57,877,554	12,835,533	70,713,087					3,694,397	63,887,036	3,131,654	3,694,397		0.27
IL	80,90	39,905,344	8,849,827	48,755,171	8,999,769	8,851,472	8,409,252	7,721,921	2,547,208	10,066,339	2,159,209	36,529,622		1.51
IN	10	28,269,053	6,269,241	34,538,294					1,804,449	31,204,255	1,529,590	1,804,449		0.27
IN	40	28,552,127	6,332,019	34,884,146	5,175,990	5,800,264	5,678,345	5,205,798	1,822,518	9,656,325	1,544,906	23,682,915		2.46
IN	70	22,771,338	5,050,010	27,821,348	6,007,730	6,732,320	6,590,810	6,042,328	1,453,523	-237,480	1,232,118	26,826,710	-2.77	
IN	20,30	53,248,373	11,808,917	65,057,290	13,032,104	14,603,899	14,296,932	13,107,153	3,398,910	3,737,114	2,881,177	58,438,999		9.15
IN	50,60	68,930,712	15,286,796	84,217,508	15,435,196	17,296,827	16,933,256	15,524,085	4,399,934	10,898,489	3,729,722	69,589,297		2.99
IN	80,90	11,141,011	2,470,747	13,611,759	2,587,995	2,900,132	2,839,173	2,602,899	711,145	1,367,595	602,821	11,641,343		1.28
KS	60	8,933,029	1,981,082	10,914,111					570,206	9,860,554	483,351	570,206		0.53
KS	90	11,286,593	2,503,033	13,789,626					720,437	12,458,490	610,698	720,437		0.53
KS	10,20,30	4,669,722	1,035,606	5,705,328					298,074	5,154,583	252,671	298,074		0.53
KS	40,50	21,851,345	4,845,983	26,697,328					1,394,799	24,120,191	1,182,338	1,394,799		0.53
KS	70,80	38,333,369	8,501,209	46,834,579	14,213,110	14,114,650	14,242,666	12,307,601	2,446,867	-12,564,467	2,074,152	57,324,894	-1.48	
KY	20	0	0	0	11,645,655	13,050,231	12,775,922	11,712,720	0	-49,184,528	0	49,184,528	-2.85	
LA	30	8,290,045	1,838,487	10,128,532					529,164	9,150,808	448,560	529,164		0.57
LA	10,20	763,291	169,275	932,566					48,722	842,544	41,300	48,722		0.58
LA	40,50,60,70,80,90	15,998,775	3,548,056	19,546,831	8,391,265	6,427,022	5,532,384	4,399,146	1,021,222	-7,089,873	865,666	25,771,039	-1.68	
MD	All	10,372,666	2,300,351	12,673,017	3,604,782	3,603,894	3,528,529	3,184,305	662,100	-2,471,839	561,247	14,583,609	-1.65	
MI	10	45,494	10,089	55,583					2,904	50,218	2,462	2,904		0.36
MI	60	13,749,343	3,049,198	16,798,541					877,638	15,176,950	743,953	877,638		0.36
MI	90	16,074,599	3,564,871	19,639,470					1,026,062	17,743,640	869,769	1,026,062		0.36
MI	20,30,40,50	6,414,675	1,422,585	7,837,260					409,457	7,080,717	347,087	409,457		0.36
MI	70,80	32,321,065	7,167,858	39,488,923	2,587,995	2,900,132	2,839,173	2,602,899	2,063,094	24,746,793	1,748,837	12,993,292		0.84

STATE	CRD	PRODUCTION	BEGIN STOCKS	SUPPLY	CRUSH: Q1 (Sep-Nov 07)	CRUSH: Q2 (Dec-Feb 08)	CRUSH: Q3 (Mar-May 08)	CRUSH: Q4 (Jun-Aug 08)	SEED FEED RESIDUAL	SURPLUS/ DEFICIT	ENDING STOCK (forecast)	TOTAL DEMAND	EX-DEM-ELA	EX-SUP-ELA
MN	40	46,286,960	10,265,081	56,552,041	6,677,911	6,736,957	6,681,041	6,523,697	2,954,555	24,473,372	2,504,507	29,574,161		1.33
MN	50	31,341,323	6,950,580	38,291,903					2,000,556	34,595,523	1,695,825	2,000,556		0.36
MN	70	54,547,484	12,097,021	66,644,505	6,406,485	6,463,132	6,409,489	6,258,540	3,481,834	34,673,555	2,951,470	29,019,480		1.22
MN	80	54,826,919	12,158,992	66,985,911	33,497,578	33,793,768	33,513,283	32,724,018	3,499,671	-73,008,997	2,966,590	137,028,318	-1.36	
MN	90	28,156,834	6,244,354	34,401,188					1,797,286	31,080,385	1,523,518	1,797,286		0.36
MN	10,20,30,60	39,759,358	8,817,452	48,576,810					2,537,890	43,887,610	2,151,310	2,537,890		0.36
MO	10	37,359,795	8,285,299	45,645,094	15,470,578	15,363,407	15,502,749	13,396,485	2,384,722	-18,494,321	2,021,474	62,117,941	-1.45	
MO	20	28,615,819	6,346,144	34,961,963					1,826,584	31,587,027	1,548,352	1,826,584		0.27
MO	30	27,876,792	6,182,249	34,059,041	4,402,338	4,371,842	4,411,493	3,812,130	1,779,411	13,773,463	1,508,365	18,777,214		1.77
MO	40	16,438,552	3,645,585	20,084,138	8,804,377	8,743,385	8,822,685	7,624,001	1,049,293	-15,849,066	889,462	35,043,742	-1.25	
MO	50	16,625,584	3,687,064	20,312,647					1,061,232	18,351,834	899,582	1,061,232		0.27
MO	60	9,746,869	2,161,568	11,908,436					622,155	10,758,895	527,386	622,155		0.27
MO	70	5,019,521	1,113,182	6,132,703					320,402	5,540,703	271,598	320,402		0.27
MO	80	786,543	174,432	960,975					50,206	868,211	42,558	50,206		0.27
MO	90	27,729,189	6,149,515	33,878,704					1,769,989	30,608,337	1,500,378	1,769,989		0.27
MS	30	2,668,990	591,903	3,260,893					170,365	2,946,114	144,414	170,365		0.58
MS	10,20	26,972,975	5,981,809	32,954,784	6,287,260	4,815,527	4,145,208	3,296,116	1,721,719	11,229,494	1,459,461	20,265,829		8.85
MS	40,50,60	26,426,034	5,860,514	32,286,548					1,686,807	29,169,875	1,429,867	1,686,807		0.58
MS	70,80,90	1,355,726	788,083	2,143,809					86,538	1,864,992	192,279	86,538		0.58
NC	10,20,30,40,50,60	3,318,040	735,843	4,053,883	9,522,288	9,519,943	9,320,860	8,411,568	211,795	-33,112,103	179,533	36,986,453	-1.04	
NC	70,80,90	25,555,580	5,667,473	31,223,053	7,481,862	7,480,020	7,323,596	6,609,146	1,631,245	-685,586	1,382,768	30,525,870	-1.04	
ND	All	105,799,169	23,463,132	129,262,301					6,753,293	116,784,398	5,724,610	6,753,293		0.82
NE	30	49,584,982	10,996,485	60,581,467	5,345,440	5,308,410	5,356,555	4,628,793	3,165,071	34,094,241	2,682,958	23,804,269		1.37
NE	50	10,468,102	2,321,516	12,789,618					668,192	11,555,015	566,411	668,192		0.53
NE	60	65,870,775	14,608,193	80,478,968	14,653,164	14,551,655	14,683,635	12,688,659	4,204,614	16,133,088	3,564,154	60,781,726		9.02
NE	80	17,815,104	3,950,864	21,765,968					1,137,160	19,664,863	963,944	1,137,160		0.53
NE	90	41,958,646	9,305,189	51,263,835					2,678,273	46,315,253	2,270,310	2,678,273		0.53
NE	10,20	3,649,642	809,383	4,459,024					232,961	4,028,587	197,476	232,961		0.53
NE	40,70	3,128,380	693,782	3,822,162					199,688	3,453,202	169,271	199,688		0.53
NJ	All	2,475,893	549,080	3,024,973					158,039	2,732,967	133,966	158,039		0.63
NY	20,30	278,424	61,746	340,170					17,772	307,333	15,065	17,772		0.66
NY	40,50,60,70,80,90,91	7,520,284	1,667,777	9,188,061					480,029	8,301,122	406,910	480,029		0.66
OH	90	1,661,143	368,392	2,029,535					106,033	1,833,621	89,882	106,033		0.27
OH	10,20	80,095,784	17,762,880	97,858,664	19,779,446	22,165,035	21,699,137	19,893,352	5,112,614	4,875,236	4,333,844	88,649,584		2.21
OH	30,60	11,502,437	2,550,901	14,053,338					734,215	12,696,746	622,377	734,215		0.27
OH	40,50	81,498,318	18,073,921	99,572,239	16,174,808	18,125,643	17,744,651	16,267,956	5,202,140	21,647,309	4,409,733	73,515,197		3.25
OH	70,80	21,483,853	4,764,484	26,248,338					1,371,341	23,714,542	1,162,454	1,371,341		0.27
OK	10	116,263	25,784	142,046					7,421	128,335	6,291	7,421		0.61
OK	40	1,162,628	257,837	1,420,465					74,212	1,283,345	62,908	74,212		0.61
OK	70	1,546,801	343,035	1,889,836					98,734	1,707,407	83,695	98,734		0.61
OK	20,30,50,60	616,698	136,766	753,464					39,365	680,731	33,368	39,365		0.61
OK	80,90	803,730	178,244	981,974					51,303	887,182	43,488	51,303		0.61
PA	10,40,70	3,568,763	791,446	4,360,209					227,799	3,939,311	193,100	227,799		0.63
PA	20,30,50,60,80,90	13,840,331	3,069,377	16,909,708					883,446	15,277,386	748,876	883,446		0.63
SC	All	8,163,672	1,810,461	9,974,134	8,025,855	8,023,878	7,856,081	7,089,685	521,097	-21,984,185	441,722	31,516,597	-1.35	
SD	30	27,516,883	6,102,432	33,619,315					1,756,437	30,373,987	1,488,891	1,756,437		0.12
SD	50	11,319,955	2,510,432	13,830,387					722,567	12,495,317	612,503	722,567		0.82
SD	80	1,052,431	233,398	1,285,829					67,178	1,161,706	56,945	67,178		0.82
SD	10,20,40,70	25,634,436	5,684,961	31,319,397					1,636,278	28,296,084	1,387,035	1,636,278		0.82
SD	60,90	69,502,927	15,413,697	84,916,624	7,709,448	7,777,616	7,713,062	7,531,413	4,436,459	45,987,943	3,760,683	35,167,998		0.63
TN	10,20	14,052,637	3,116,460	17,169,097					896,997	15,511,736	760,364	896,997		0.40
TN	30,40	2,234,268	495,495	2,729,763					142,616	2,466,254	120,892	142,616		0.09
TN	50,60	1,364,824	302,678	1,667,502					87,118	1,506,535	73,848	87,118		0.40
TX	11	440,990	97,799	538,788					28,149	486,778	23,861	28,149		0.61
TX	12	86,136	19,102	105,238					5,498	95,079	4,661	5,498		0.61
TX	40	1,401,220	310,749	1,711,969					89,442	1,546,710	75,818	89,442		0.61
TX	51	302,283	67,038	369,321					19,295	333,670	16,356	19,295		0.61

STATE	CRD	PRODUCTION	BEGIN STOCKS	SUPPLY	CRUSH: Q1 (Sep-Nov 07)	CRUSH: Q2 (Dec-Feb 08)	CRUSH: Q3 (Mar-May 08)	CRUSH: Q4 (Jun-Aug 08)	SEED FEED RESIDUAL	SURPLUS/ DEFICIT	ENDING STOCK (forecast)	TOTAL DEMAND	EX-DEM-ELA	EX-SUP-ELA
TX	81	93,010	20,627	113,637					5,937	102,668	5,033	5,937		0.60
TX	90	546,435	121,183	667,618					34,880	603,172	29,567	34,880		0.61
TX	96,97	197,242	43,743	240,985					12,590	217,722	10,672	12,590		0.57
VA	20,40,70,80	1,415,374	313,888	1,729,262					90,345	1,562,333	76,583	90,345		0.40
VA	50,60,90	11,686,941	2,591,818	14,278,760	6,733,191	6,731,533	6,590,762	5,947,803	745,992	-13,102,882	632,360	26,749,281	-2.10	
WI	10,20,40	11,353,317	2,517,831	13,871,148					724,696	12,532,143	614,308	724,696		0.01
WI	30,50,60	13,152,864	2,916,917	16,069,781					839,564	14,518,538	711,679	839,564		0.12
WI	70,80,90	27,933,407	6,194,805	34,128,212					1,783,024	30,833,759	1,511,428	1,783,024		0.06
WV	All	467,073	103,583	570,656					29,814	515,570	25,273	29,814		0.40
		2,585,207,000	**573,810,000**	**3,159,017,000**	**448,830,590**	**487,465,618**	**474,262,111**	**424,441,681**	**165,017,000**	**1,019,000,000**	**140,000,000**	**2,000,017,000**		

1 mt = 36.7437 bu

This worksheet contains information on beginning stocks, production, usage, and
ending stocks of soybean by U.S. state and crop reporting district (CRD) for 2007-08 marketing year.

Production and seed use:	Total production and seed use for planting in each CRD in 2007-08 marketing year.
Source:	USDA data on 2007-08 MY
Beginning and ending stocks:	Based on Sep 2007 and Aug 2008 stocks in each CRD
	Grain Stocks: Released June 30, 2008, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture.
Food alcohol, Industrial use (FOOD/AL/IN):	Based on soybean consumption of soybean crushers according to capacity utilization of each company in a particular CRD. Capacity utilization estimates are obtained from company websites, other publicly available data, and by industry experts.
Source:	NOPA and Census Bureau
Surplus/Deficit (SUR/DEF)	= Supply - Total usage -Ending stock
Supply	= Beg stock + Production
Total usage	= Seed + Food alcohol, industrial + Feed

Corn
Ex-Supply and Ex-Demand
2007-2008 Crop Year

CORN EX-SUPPLY AND EX-DEMAND FOR 2007-08 CROP YEAR (bushels)

STATE	CRD	PRODUCTION	BG. STOCKS	SUPPLY	SEED	FOOD/AL/IN QUARTER1	FOOD/AL/IN QUARTER2	FOOD/AL/IN QUARTER3	FOOD/AL/IN QUARTER4	FEED QUARTER1	FEED QUARTER2	FEED QUARTER3	FEED QUARTER4	SURPLUS / DEFICIT	SUR/DEF QUARTER1	SUR/DEF QUARTER2	SUR/DEF QUARTER3	SUR/DEF QUARTER4	ENDING STOCK	TOTAL USAGE	EX-DEM-ELA	EX-SUP-ELA
AL	10,20,30	16,693,000	1,664,853	18,357,853	53,710	6,376,040	6,705,577	7,516,608	7,924,719	47,484,319	37,204,641	24,903,697	16,594,219	(138,445,852)	(37,542,682)	(43,910,217)	(32,474,015)	(24,518,938)	2,040,176	154,763,530	-0.21	
AL	40,50,60	5,427,000	541,254	5,968,254	27,092	0	0	0	0	16,589,800	13,013,152	8,650,392	5,735,686	(38,711,142)	(11,284,820)	(13,013,152)	(8,677,484)	(5,735,686)	663,274	44,016,122	-0.23	
AR	10	-	-	-	-	0	0	0	0	30,698,544	23,877,892	16,103,393	10,733,376	(81,413,205)	(30,698,544)	(23,877,892)	(16,103,393)	(10,733,376)	-	81,413,205	-0.20	
AR	20	-	-	-	-	0	0	0	0	5,417,119	4,215,397	2,810,590	1,859,037	(14,302,143)	(5,417,119)	(4,215,397)	(2,810,590)	(1,859,037)	-	14,302,143	-0.20	
AR	30	28,782,000	2,870,532	31,652,532	42,065	0	0	0	0	2,559,611	1,985,637	1,315,954	859,129	21,372,475	25,575,259	23,589,622	22,231,603	21,372,475	3,517,662	6,762,395		1.69
AR	40	2,099,000	209,341	2,308,341	4,159	0	0	0	0	22,858,457	17,756,754	11,963,629	8,007,459	(58,538,652)	(20,806,650)	(17,756,754)	(11,967,788)	(8,007,459)	256,534	60,590,459	-0.20	
AR	70	5,414,000	539,958	5,953,958	9,981	0	0	0	0	17,200,789	13,213,711	8,996,520	6,056,746	(40,185,475)	(11,908,517)	(13,213,711)	(9,006,502)	(6,056,746)	661,685	45,477,748	-0.21	
AR	80	143,000	14,262	157,262	333	0	0	0	0	6,019,792	4,656,197	3,141,905	2,092,156	(15,770,597)	(5,880,007)	(4,656,197)	(3,142,237)	(2,092,156)	17,477	15,910,382	-0.20	
AR	90	24,396,000	2,433,101	26,829,101	33,034	0	0	0	0	1,943,210	1,504,122	989,566	645,142	18,732,410	21,904,274	20,400,152	19,377,552	18,732,410	2,981,617	5,115,074		5.89
AR	50,60	38,171,000	3,806,931	41,977,931	55,017	4,474,361	4,705,612	5,274,750	5,561,140	4,265,911	3,269,081	2,192,200	1,457,056	6,057,643	28,572,497	20,597,805	13,075,838	6,057,643	4,665,162	31,255,126		2.22
AZ	All	4,255,000	424,366	4,679,366	13,071	0	0	0	0	14,867,892	10,676,282	5,654,746	3,128,717	(30,181,377)	(10,708,561)	(10,676,282)	(5,667,817)	(3,128,717)	520,035	34,340,709	-0.24	
CA	All	36,000,000	3,590,409	39,590,409	154,475	12,211,152	12,842,268	14,395,525	15,177,123	78,260,636	58,605,383	36,871,331	23,904,257	(217,231,568)	(55,281,206)	(71,447,651)	(51,421,331)	(39,081,380)	4,399,828	252,422,149	-0.21	
CO	All	150,520,000	15,011,900	165,531,900	285,184	6,936,617	7,295,127	8,177,463	8,621,455	91,096,313	65,362,173	34,306,554	16,239,179	(91,184,333)	49,102,801	(23,554,498)	(42,769,201)	(24,860,634)	18,396,169	238,320,064	-0.69	
CT	All	-	-	-	-	0	0	0	0	1,893,981	1,377,680	970,892	636,560	(4,879,113)	(1,893,981)	(1,377,680)	(970,892)	(636,560)	-	4,879,113	-0.20	
DE	All	17,945,000	1,789,719	19,734,719	46,342	0	0	0	0	14,911,823	11,646,287	7,838,902	5,247,830	(22,149,658)	2,629,704	(9,016,583)	(7,885,245)	(5,247,830)	2,193,192	39,691,185	-0.33	
FL	10	1,548,700	154,457	1,703,157	7,011	0	0	0	0	2,115,089	1,612,904	1,087,993	710,651	(4,019,769)	(601,210)	(1,612,904)	(1,095,004)	(710,651)	189,278	5,533,648	-0.26	
FL	All Other	1,776,300	177,157	1,953,457	10,813	0	0	0	0	12,731,903	9,608,313	6,450,895	4,178,878	(31,244,440)	(10,995,541)	(9,608,313)	(6,461,708)	(4,178,878)	217,095	32,980,802	-0.21	
GA	10,20,30	1,446,000	144,215	1,590,215	5,466	519,504	546,354	612,435	645,687	53,709,350	41,687,725	28,238,476	18,833,553	(143,385,061)	(52,815,366)	(42,234,079)	(28,856,377)	(19,479,239)	176,726	144,798,550	-0.25	
GA	40,50,60	12,970,000	1,293,545	14,263,545	31,846	0	0	0	0	13,957,029	10,817,513	7,250,451	4,826,556	(24,205,009)	(1,278,644)	(10,817,513)	(7,282,296)	(4,826,556)	1,585,160	36,883,393	-0.24	
GA	70,80,90	44,084,000	4,396,655	48,480,655	83,892	0	0	0	0	14,708,990	11,397,104	7,685,052	5,124,987	4,092,797	28,383,832	16,986,727	9,217,784	4,092,797	5,387,833	39,000,025		0.39
IA	10	330,200,000	32,932,030	363,132,030	501,686	27,225,806	28,632,934	32,096,053	33,838,693	59,226,282	43,121,727	29,181,837	19,508,433	49,442,382	236,323,745	164,569,083	102,789,508	49,442,382	40,356,198	273,333,451		1.35
IA	20	362,900,000	36,193,319	399,093,319	495,745	33,096,709	34,807,267	39,017,164	41,135,583	23,966,373	17,177,883	12,068,902	8,268,097	144,706,888	297,677,529	245,692,379	194,110,568	144,706,888	44,352,708	210,033,723		0.85
IA	30	285,800,000	28,503,859	314,303,859	407,338	10,101,208	10,623,275	11,908,147	12,554,694	27,188,756	19,947,455	13,331,555	9,030,504	164,281,184	242,084,152	211,513,422	185,866,382	164,281,184	34,929,743	115,092,932		0.56
IA	40	342,900,000	34,198,647	377,098,647	495,269	10,258,116	10,788,293	12,093,124	12,749,714	30,095,882	21,925,043	14,666,588	9,691,610	212,426,649	294,836,290	262,122,954	234,867,973	212,426,649	41,908,359	122,763,639		0.71
IA	50	363,500,000	36,253,159	399,753,159	493,368	32,947,564	34,650,414	38,841,339	40,950,211	24,841,630	17,973,871	12,476,098	8,487,112	143,665,513	297,537,926	244,913,641	193,102,835	143,665,513	44,426,038	211,661,608		0.48
IA	60	263,300,000	26,259,853	289,559,853	357,668	91,904,349	96,654,300	108,344,520	114,227,035	14,495,167	10,689,841	6,934,748	4,518,302	(190,745,928)	150,980,486	43,636,345	(72,000,591)	(118,745,337)	32,179,851	448,125,930	-0.90	
IA	70	161,900,000	16,146,868	178,046,868	253,101	9,573,673	10,068,475	11,286,245	11,899,026	9,235,296	6,853,269	4,375,553	2,743,700	91,971,527	139,450,896	122,529,152	106,614,253	91,971,527	19,787,003	66,288,338		0.44
IA	80	88,350,000	8,811,462	97,161,462	137,839	19,367,570	20,368,556	22,832,108	24,071,766	7,428,509	5,401,956	3,647,447	2,436,608	(19,328,808)	59,567,473	33,796,961	7,179,567	(19,328,808)	10,797,911	105,692,360	-0.20	
IA	90	169,500,000	16,904,843	186,404,843	232,663	19,282,957	20,279,570	22,732,360	23,966,602	16,162,389	11,679,428	8,087,087	5,542,295	37,723,636	130,243,641	98,284,643	67,232,533	37,723,636	20,715,855	127,965,352		0.75
ID	All	17,325,000	1,727,884	19,052,884	73,673	1,694,834	1,782,429	1,998,011	2,106,492	23,025,219	16,326,770	8,469,657	4,607,510	(43,149,128)	(7,784,585)	(18,109,199)	(10,541,341)	(6,714,003)	2,117,417	60,084,595	-0.26	
IL	10	397,074,800	39,601,694	436,676,494	514,044	12,067,215	12,690,892	14,225,840	14,998,226	9,079,767	6,645,473	4,446,786	3,001,898	310,476,889	367,000,049	347,663,683	328,477,013	310,476,889	48,529,464	77,670,141		0.44
IL	20	227,409,100	22,680,325	250,089,425	295,165	20,205,944	21,250,260	23,820,453	25,113,774	6,007,745	4,399,686	2,915,849	1,946,762	116,340,430	196,082,379	170,432,433	143,400,966	116,340,430	27,793,357	105,955,638		1.10
IL	30	224,333,700	22,373,605	246,707,305	293,739	0	0	0	0	6,089,252	4,371,477	3,045,718	2,102,212	203,387,417	213,200,563	208,829,087	205,489,629	203,387,417	27,417,490	15,902,398		0.36
IL	40	360,529,800	35,956,930	396,486,730	447,501	101,900,136	107,166,706	120,128,388	126,650,702	7,088,086	5,224,369	3,378,248	2,196,473	(121,756,907)	243,435,480	131,044,405	7,090,268	(121,756,907)	44,063,028	474,180,609	-1.74	
IL	50	336,567,100	33,567,044	370,134,144	438,233	8,935,472	9,397,290	10,533,881	11,105,813	3,009,220	2,195,460	1,466,464	973,211	280,944,733	317,055,084	305,462,334	293,023,756	280,944,733	41,134,368	48,055,043		0.42
IL	60	311,935,100	31,110,406	343,045,506	439,896	0	0	0	0	7,224,158	5,236,085	3,565,982	2,420,743	286,034,734	297,697,441	292,461,355	288,455,477	286,034,734	38,123,908	18,886,864		0.35
IL	70	273,616,800	27,288,785	300,905,585	410,903	7,945,485	8,356,136	9,366,801	9,875,367	8,827,219	6,486,420	4,376,007	2,965,953	208,854,550	250,692,138	235,849,581	221,695,870	208,854,550	33,440,744	58,610,291		0.56
IL	80,90	152,283,600	15,187,790	167,471,390	297,542	2,562,588	2,695,032	3,020,993	3,185,016	11,414,106	8,380,625	5,564,048	3,728,442	108,011,286	134,882,985	123,807,327	114,924,744	108,011,286	18,611,711	40,848,392		0.51
IN	10	172,900,000	17,243,937	190,143,937	250,724	14,413,881	15,158,843	16,992,286	17,914,874	5,869,504	4,254,698	2,987,541	2,033,205	89,136,986	148,729,158	129,315,617	109,085,065	89,136,986	21,131,395	79,875,556		0.99
IN	40	134,500,000	13,414,167	147,914,167	188,934	20,660,050	21,727,837	24,355,792	25,678,178	3,394,751	2,468,344	1,671,471	1,131,378	30,199,186	107,421,120	83,224,940	57,008,742	30,199,186	16,438,245	101,276,736		0.90
IN	70	136,900,000	13,653,528	150,553,528	209,135	8,144,663	8,565,609	9,601,609	10,122,924	10,308,098	7,735,894	5,315,963	3,597,034	70,221,032	115,369,200	99,067,696	83,940,990	70,221,032	16,731,567	63,600,929		1.18
IN	20,30	218,450,000	21,786,802	240,236,802	349,350	32,335,963	34,007,203	38,120,333	40,190,058	15,818,906	11,539,455	7,950,079	5,443,425	27,783,632	165,383,534	119,836,876	73,417,115	27,783,632	26,698,399	185,754,771		1.64
IN	50,60	269,150,000	26,843,295	295,993,295	438,470	11,420,743	12,011,008	13,463,725	14,194,731	13,011,330	9,416,411	6,578,408	4,465,962	178,097,683	238,666,399	217,238,980	196,758,377	178,097,683	32,894,823	85,000,789		0.42
IN	80,90	55,450,000	5,530,227	60,980,227	108,132	402,373	423,169	474,351	500,106	5,040,969	3,718,567	2,533,023	1,664,527	39,338,052	48,759,928	44,618,192	41,502,685	39,338,052	6,776,957	14,865,219		0.65
KS	60	59,060,000	5,890,266	64,950,266	93,873	3,819,268	4,016,662	4,502,472	4,746,932	12,725,091	8,842,002	4,345,767	2,064,628	12,575,408	41,187,745	28,329,081	19,386,968	12,575,408	7,218,162	45,156,696		0.98
KS	90	32,870,000	3,278,243	36,148,243	77,713	0	0	0	0	5,414,614	3,899,102	2,202,576	1,243,039	19,293,911	26,716,341	22,817,240	20,536,951	19,293,911	4,017,287	12,837,045		0.95
KS	10,20,30	282,190,000	28,143,821	310,333,821	469,365	8,216,588	8,641,251	9,686,400	10,212,318	111,476,613	77,030,625	35,291,342	15,145,862	(325,081)	156,152,082	70,480,206	25,033,099	(325,081)	34,488,538	276,170,364	-0.95	
KS	40,50	43,180,000	4,306,496	47,486,496	84,367	6,585,657	6,926,028	7,763,722	8,185,250	15,479,344	10,812,385	5,719,857	3,009,341	(22,356,803)	20,144,147	2,405,734	(11,162,212)	(11,194,591)	5,277,349	64,565,950	-0.32	
KS	70,80	100,700,000	10,043,172	110,743,172	201,530	9,852,728	10,361,952	11,615,218	12,245,861	7,287,051	5,137,420	2,864,216	1,591,399	37,278,503	81,296,098	65,796,726	51,115,763	37,278,503	12,307,296	61,157,373		0.98
KY	10	42,459,100	4,234,598	46,693,698	77,784	0	0	0	0	7,519,431	5,827,534	3,915,406	2,603,719	21,560,583	33,985,025	28,157,491	24,164,302	21,560,583	5,189,242	19,943,873		2.02
KY	20	96,053,900	9,579,800	105,633,700	176,244	3,335,559	3,507,953	3,932,235	4,145,734	7,715,569	5,929,980	3,994,325	2,648,712	58,507,928	82,843,111	73,405,178	65,302,375	58,507,928	11,739,461	35,386,310		0.82
KY	30,40,50,60	36,927,000	3,682,862	40,609,862	90,570	990,087	1,041,258	1,167,197	1,230,569	8,110,244	6,095,285	3,831,324	2,393,331	11,146,876	26,996,409	19,859,866	14,770,775	11,146,876	4,513,123	24,949,863		2.08
LA	30	89,280,000	8,904,215	98,184,215	129,759	0	0	0	0	254,963	182,832	124,477	77,841	86,502,770	87,017,679	86,834,847	86,580,611	86,502,770	10,911,573	769,872		0.67
LA	10,20	7,655,000	763,461	8,418,461	11,669	0	0	0	0	9,425,394	7,355,447	4,941,451	3,289,119	(17,540,194)	(1,942,508)	(7,355,447)	(4,953,120)	(3,289,119)	935,574	25,023,080	-0.23	
LA	40,50,60,70,80,90	23,515,000	2,345,235	25,860,235	34,436	0	0	0	0	4,762,853	3,672,086	2,408,693	1,568,777	10,539,448	18,223,439	14,551,354	12,108,224	10,539,448	2,873,943	12,446,845		15.67
MA	All	-	-	-	-	0	0	0	0	809,206	605,900	397,204	267,735	(2,080,046)	(809,206)	(605,900)	(397,204)	(267,735)	-	2,080,046	-0.20	
MD	All	46,865,000	4,674,015	51,539,015	128,333	525,169	552,311	619,113	652,727	19,670,722	15,240,730	10,161,919	6,770,019	(8,509,748)	25,615,403	9,822,362	(1,087,002)	(7,422,747)	5,727,720	54,321,043	-0.93	
ME	All	-	-	-	-	0	0	0	0	2,692,664	1,958,884	1,371,959	897,658	(6,921,166)	(2,692,664)	(1,958,884)	(1,371,959)	(897,658)	-	6,921,166	-0.20	
MI	10	540,000	53,856	593,856	5,466	0	0	0	0	1,560,981	1,191,817	727,344	471,422	(3,429,171)	(1,033,122)	(1,191,817)	(732,810)	(471,422)	65,997	3,957,030	-0.24	
MI	60	65,700,000	6,552,497	72,252,497	125,956	4,311,657	4,534,499	5,082,941	5,358,917	4,206,033	3,154,400	2,082,776	1,439,090	33,926,544	55,705,122	48,016,223	40,724,550	33,926,544	8,029,686	30,296,268		1.60
MI	90	48,600,000	4,847,052	53,447,052	91,497	5,314,998	5,589,696	6,265,763	6,605,960	2,613,009	1,982,130	1,240,132	818,456	16,985,645	39,579,278	32,007,452	24,410,060	16,985,645	5,939,767	30,521,640		0.44
MI	20,30,40,50	40,760,000	4,065,141	44,825,141	109,796	0	0	0	0	10,935,170	8,281,752	5,176,350	3,422,653	11,917,838	28,908,388	20,626,636	15,340,491	11,917,838	4,981,583	27,925,720		1.50
MI	70,80	135,800,000	13,543,821	149,343,821	297,067	7,493,622	7,880,919	8,834,107	9,313,750	18,308,119	13,547,145	9,203,521	6,322,849	51,545,594	106,944,952	85,516,888	67,182,194	51,545,594	16,597,128	81,201,099		0.70
MN	40	215,888,700	21,531,354	237,420,054	405,674	10,806,259	11,364,765	12,739,320	13,430,995	14,928,211	11,204,132	7,485,000	5,059,867	123,610,468	185,300,222	162,731,324	142,101,330	123,610,468	26,385,363	87,424,223		0.80
MN	50	167,291,900	16,684,621	183,976,521	378,344	15,334,854	16,127,415	18,078,006	19,059,543	36,563,348	27,697,555	18,522,795	12,502,810	(734,135)	111,632,332	67,807,362	30,828,217	(734,135)	20,445,987	164,264,670	-0.42	
MN	70	246,077,100	24,542,152	270,619,252	389,751	25,496,310	26,814,052	30,057,179	31,689,120	21,324,867	15,489,068	10,661,941	7,300,132	71,321,918	193,723,162	151,420,041	110,311,170	71,321,918	30,074,912	169,222,422		2.28
MN	80	280,315,800	27,956,900	308,272,700	419,696	16,498,738	17,351,453	19,450,090	20,506,124	30,934,802	22,356,482	15,641,185	10,866,156	119,988,496	226,579,682	186,871,746	151,360,775	119,988,496	34,259,479	154,024,725		1.09
MN	90	176,438,200	17,596,815	194,035,015	270,687	6,589,513	6,930,083	7,768,268	8,190,042	15,201,926	11,270,233	7,522,544	5,179,763	103,548,131	150,679,751	132,479,436	116,917,936	103,548,131	21,563,825	68,923,059		1.11
MN	10,20,30,60	50,858,200	5,264,767	56,122,967	132,135	164,394	172,891	193,802	204,324	11,534,020	8,803,047	5,352,689	3,351,228	19,762,787	37,972,902	28,996,964	23,318,338	19,762,787	6,451,651	29,908,529		4.31
MO	10	107,033,000	10,674,785	117,707,785	198,559	5,943,838	6,251,037	7,007,092	7,387,539	3,297,466	2,449,556	1,564,605	998,765	69,528,029	95,385,183	86,684,590	77,914,333	69,528,029	13,081,299	35,098,457		1.89
MO	20	46,691,000	4,656,661	51,347,661	91,140	4,203,187	4,420,423	4,955,068	5,224,101	7,707,165	5,552,158	3,825,569	2,615,969	7,046,426	33,730,855	23,758,274	14,886,496	7,046,426	5,706,454	38,594,780		0.31
MO	30	74,388,000	7,418,982	81,806,982	137,007	4,067,600	4,277,829	4,795,227	5,055,582	4,278,424	3,097,327	2,129,213	1,446,777	43,430,485	64,369,447	56,994,291	49,932,844	43,430,485	9,091,511	29,284,986		0.46
MO	40	42,503,000	4,238,977	46,741,977	79,614	0	0	0	0	7,094,534	5,094,571	3,557,046	2,456,738	23,264,866	34,452,835	29,358,264	25,721,604	23,264,866	5,194,608	18,282,503		3.19
MO	50	53,468,000	5,332,555	58,800,555	94,586	3,660,840	3,850,046	4,315,704	4,550,023	21,219,355	15,891,586	10,796,017	7,323,008	(19,435,333)	27,385,639	7,644,006	(7,562,301)	(11,873,031)	6,534,722	71,701,166	-0.48	
MO	60	30,451,000	3,036,987	33,487,987	59,413	100,593	105,792	118,588	125,026	3,254,035	2,384,363	1,585,022	1,036,408	20,997,104	26,411,716	23,921,561	22,158,538	20,997,104	3,721,643	8,769,240		0.59
MO	70	11,363,000	1,133,273	12,496,273	23,528	0	0	0	0	20,902,879	16,152,147	10,798,698	7,237,808	(44,007,544)	(9,795,363)	(16,152,147)	(10,822,226)	(7,237,808)	1,388,757	55,115,060	-0.22	
MO	80	2,506,000	249,932	2,755,932	5,704	115,445	121,412	136,097	143,486	4,409,968	3,322,788	2,108,983	1,397,023	(9,311,249)	(2,075,757)	(3,444,200)	(2,250,783)	(1,540,509)	306,277	11,760,905	-0.24	
MO	90	93,097,000	9,284,898	102,381,898	130,353	0	0	0	0	2,609,317	2,017,147	1,325,326	874,773	84,046,906	88,394,504	86,377,357	84,921,678	84,046,906	11,378,077	6,956,915		0.38
MS	30	4,750,000	473,735	5,223,735	11,170	0	0	0	0	1,031,664	795,152	532,439	349,491	1,923,286	3,611,538	2,816,386	2,272,777	1,923,286	580,533	2,719,916		0.36
MS	10,20	37,700,000	3,759,956	41,459,956	56,942	0	0	0	0	308,313	230,223	142,800	84,451	36,029,630	36,544,046	36,313,823	36,114,081	36,029,630	4,607,597	822,729		0.69

STATE	CRD	PRODUCTION	BG. STOCKS	SUPPLY	SEED	FOOD/AL/IN QUARTER1	FOOD/AL/IN QUARTER2	FOOD/AL/IN QUARTER3	FOOD/AL/IN QUARTER4	FEED QUARTER1	FEED QUARTER2	FEED QUARTER3	FEED QUARTER4	SURPLUS / DEFICIT	SUR/DEF QUARTER1	SUR/DEF QUARTER2	SUR/DEF QUARTER3	SUR/DEF QUARTER4	ENDING STOCK	TOTAL USAGE	EX-DEM-ELA	EX-SUP-ELA
MS	40,50,60	90,800,000	9,055,810	99,855,810	144,683	28,861	30,353	34,024	35,871	16,122,487	12,501,435	8,434,722	5,650,042	45,775,988	72,607,118	60,075,330	51,461,901	45,775,988	11,097,343	42,982,478		0.36
MS	70,80,90	7,750,000	772,935	8,522,935	15,352	0	0	0	0	28,936,907	22,567,038	15,163,130	10,113,761	(69,220,439)	(21,361,157)	(22,567,038)	(15,178,482)	(10,113,761)	947,185	76,796,189	-0.21	
MT	All	5,510,000	549,532	6,059,532	19,963	0	0	0	0	4,781,692	3,421,344	1,922,568	952,497	(5,711,950)	604,422	(2,816,921)	(1,942,531)	(952,497)	673,418	11,098,064	-0.27	
NC	10,20,30,40,50,60	11,449,000	1,141,850	12,590,850	46,105	5,822,769	6,123,711	6,864,366	7,237,064	41,748,084	31,963,545	21,773,505	14,648,349	(125,035,915)	(36,379,271)	(38,087,256)	(28,683,976)	(21,885,413)	1,399,267	136,227,497	-0.20	
NC	70,80,90	90,551,000	9,030,976	99,581,976	215,314	346,336	364,236	408,290	430,458	151,752,522	109,947,241	78,142,886	54,738,871	(307,831,089)	(63,583,793)	(110,311,477)	(78,766,490)	(55,169,329)	11,066,911	396,346,154	-0.23	
ND	All	272,600,000	27,187,376	299,787,376	606,016	16,005,002	16,832,199	18,868,033	19,892,464	6,877,525	4,964,417	2,831,635	1,540,131	178,053,481	243,588,375	221,791,759	199,486,075	178,053,481	33,316,473	88,417,422		1.31
NE	30	272,695,200	27,196,870	299,892,070	421,835	16,958,504	17,834,981	19,992,101	21,077,562	18,929,251	13,523,119	8,249,961	4,930,883	144,645,764	230,676,207	199,318,106	170,654,210	144,645,764	33,328,108	121,918,198		0.89
NE	50	212,237,900	21,167,247	233,405,147	296,829	16,039,905	16,868,905	18,909,179	19,935,844	11,823,723	8,432,428	4,690,520	2,388,891	108,079,752	179,602,347	154,301,014	130,404,487	108,079,752	25,939,172	99,386,223		0.69
NE	60	345,759,200	34,483,805	380,243,005	522,837	45,394,136	47,740,270	53,514,397	56,419,936	35,200,237	25,105,354	14,217,852	7,456,957	52,413,226	257,390,829	184,545,206	116,290,119	52,413,226	42,257,803	285,571,976		7.96
NE	70	152,824,000	15,241,686	168,065,686	243,595	6,182,753	6,502,300	7,288,745	7,684,484	19,978,061	14,262,605	7,371,328	3,378,716	76,495,342	123,227,114	102,462,210	87,558,542	76,495,342	18,677,758	72,892,586		1.18
NE	80	169,749,200	16,929,697	186,678,897	235,752	14,019,663	14,744,250	16,527,549	17,424,905	13,950,407	9,962,204	5,189,976	2,416,525	71,461,353	137,962,514	113,256,060	91,302,783	71,461,353	20,746,312	94,471,231		2.85
NE	90	203,576,600	20,303,425	223,880,025	328,437	14,072,036	14,799,330	16,589,291	17,489,998	21,821,792	15,586,112	8,495,537	4,281,451	85,535,431	163,105,586	132,720,145	107,306,880	85,535,431	24,880,610	113,463,984		1.06
NE	10,20	115,157,900	11,485,110	126,643,010	184,657	0	0	0	0	71,466,468	51,047,659	25,604,618	11,042,938	(46,777,633)	41,102,239	(9,945,420)	(25,789,275)	(11,042,938)	14,074,303	159,346,340	-0.83	
NH	All	-	-	-	-	0	0	0	0	611,931	460,901	298,584	202,571	(1,573,987)	(611,931)	(460,901)	(298,584)	(202,571)	-	1,573,987	-0.19	
NJ	All	10,250,000	1,022,269	11,272,269	22,577	0	0	0	0	1,314,243	951,304	671,751	435,131	6,624,534	8,705,298	7,753,993	7,059,665	6,624,534	1,252,729	3,395,006		0.61
NM	All	9,625,000	959,936	10,584,936	32,083	1,858,022	1,954,052	2,190,392	2,309,318	16,285,010	12,020,032	7,009,656	4,352,890	(38,602,863)	(8,734,440)	(13,974,084)	(9,232,131)	(6,662,208)	1,176,343	48,011,456	-0.33	
NV	All	-	-	-	-	0	0	0	0	1,853,277	1,274,412	618,412	331,686	(4,077,787)	(1,853,277)	(1,274,412)	(618,412)	(331,686)	-	4,077,787	-0.20	
NY	20,30	4,296,230	428,478	4,724,708	32,107	0	0	0	0	4,373,347	3,305,718	2,055,385	1,397,977	(6,964,900)	(173,713)	(3,305,718)	(2,087,492)	(1,397,977)	525,074	11,164,534	-0.31	
NY	40,50,60,70,80,90,91	63,069,400	6,290,137	69,359,537	217,429	772,844	812,787	911,093	960,561	18,795,006	14,158,332	9,053,090	6,166,398	9,803,816	42,083,507	27,112,387	16,930,775	9,803,816	7,708,180	51,847,541		0.43
OH	90	8,551,800	852,902	9,404,702	16,255	0	0	0	0	2,905,971	2,198,936	1,340,422	836,171	1,061,767	5,453,552	3,254,615	1,897,937	1,061,767	1,045,179	7,297,756		0.60
OH	10,20	198,494,700	19,796,588	218,291,288	338,038	5,715,979	6,011,401	6,738,473	7,104,335	9,841,934	7,238,386	4,834,663	3,237,394	142,971,172	178,473,862	165,224,075	153,312,901	142,971,172	24,259,513	51,060,603		0.40
OH	30,60	38,465,200	3,836,272	42,301,472	77,071	2,847,320	2,994,480	3,356,659	3,538,907	10,362,133	7,881,872	5,074,315	3,446,106	(1,978,509)	24,390,901	13,514,550	5,006,504	(1,978,509)	4,701,118	39,578,864	0.31	
OH	40,50	234,641,300	23,401,618	258,042,918	376,110	9,844,527	10,353,328	11,605,550	12,235,668	25,705,424	18,700,293	13,205,435	8,811,877	118,527,449	193,815,710	164,762,089	139,574,994	118,527,449	28,677,258	110,838,211		0.61
OH	70,80	61,347,000	6,118,356	67,465,356	107,491	8,146,103	8,567,123	9,603,306	10,124,713	3,489,576	2,603,352	1,653,038	1,070,396	14,602,587	48,332,004	37,161,529	25,797,695	14,602,587	7,497,673	45,365,097		4.77
OK	10	22,100,000	2,204,112	24,304,112	30,182	0	0	0	0	12,087,968	8,484,093	5,317,666	3,365,431	(7,682,233)	9,515,139	1,031,046	(4,316,802)	(3,365,431)	2,701,005	29,285,340	-0.36	
OK	40	5,700,000	568,481	6,268,481	14,735	0	0	0	0	1,531,305	1,085,614	633,571	357,914	1,948,703	4,040,537	2,954,923	2,306,618	1,948,703	696,639	3,623,139		0.82
OK	70	2,350,000	234,374	2,584,374	5,941	0	0	0	0	5,765,225	4,382,372	2,920,970	1,911,023	(12,688,369)	(3,468,062)	(4,382,372)	(2,926,911)	(1,911,023)	287,211	14,985,532	-0.21	
OK	20,30,50,60	3,660,000	365,025	4,025,025	13,309	346,336	364,236	408,290	430,458	13,881,357	9,823,928	5,590,973	3,156,889	(30,438,066)	(10,649,984)	(10,188,164)	(6,012,571)	(3,587,347)	447,316	34,015,776	-0.22	
OK	80,90	5,340,000	532,577	5,872,577	11,883	0	0	0	0	27,970,078	20,355,291	11,850,218	6,941,780	(61,909,314)	(22,750,142)	(20,355,291)	(11,862,101)	(6,941,780)	652,641	67,129,250	-0.21	
OR	All	6,825,000	680,682	7,505,682	14,259	5,450,585	5,732,291	6,425,604	6,774,479	8,262,308	5,959,772	3,437,685	1,962,957	(37,348,392)	(7,041,345)	(11,692,062)	(9,877,549)	(8,737,436)	834,134	44,019,940	-0.29	
PA	10,40,70	26,094,000	2,602,448	28,696,448	67,018	0	0	0	0	4,717,390	3,492,643	2,083,551	1,323,696	13,823,008	20,789,916	17,297,273	15,146,703	13,823,008	3,189,142	11,684,299		0.78
PA	20,30,50,60,80,90	99,346,000	9,908,133	109,254,133	268,073	28,861	30,353	34,024	35,871	50,246,152	37,238,273	24,934,576	16,661,986	(32,365,851)	46,837,307	9,568,680	(15,667,993)	(16,697,857)	12,141,813	129,478,170	-0.53	
RI	All	-	-	-	-	0	0	0	0	88,424	66,146	43,915	29,230	(227,715)	(88,424)	(66,146)	(43,915)	(29,230)	-	227,715	-0.18	
SC	All	37,000,000	3,690,143	40,690,143	95,061	115,445	121,412	136,097	143,486	22,840,499	17,531,595	11,917,452	7,977,250	(24,710,200)	13,212,153	(4,440,854)	(12,148,610)	(8,120,736)	4,522,045	60,878,298	-0.30	
SD	30	96,868,000	9,660,993	106,528,993	185,132	11,796,041	12,405,704	13,906,158	14,661,187	4,412,281	3,214,834	1,915,782	1,132,148	31,060,767	78,481,712	62,861,175	46,854,102	31,060,767	11,838,959	63,629,267		3.86
SD	50	60,282,000	6,012,140	66,294,140	158,990	10,738,465	11,293,468	12,659,399	13,346,736	3,404,141	2,461,051	1,505,148	878,735	2,480,496	44,784,023	31,029,504	16,705,966	2,480,496	7,367,512	56,446,132		1.41
SD	80	11,368,000	1,133,771	12,501,771	44,441	0	0	0	0	2,703,809	1,937,223	1,054,456	532,539	4,839,935	8,408,595	6,471,371	5,372,474	4,839,935	1,389,368	6,272,469		1.43
SD	10,20,40,70	116,120,000	11,581,064	127,701,064	270,925	11,145,225	11,721,251	13,138,922	13,852,294	14,776,834	10,576,327	5,643,622	2,696,211	29,687,564	87,587,116	65,289,538	46,236,069	29,687,564	14,191,889	83,821,611		4.29
SD	60,90	259,862,000	25,916,969	285,778,969	528,779	23,524,289	24,740,110	27,732,396	29,238,114	17,978,450	12,953,437	7,892,360	4,663,091	104,768,276	212,516,563	174,823,016	138,669,481	104,768,276	31,759,667	149,251,026		2.14
TN	10,20	62,305,000	6,213,901	68,518,901	139,027	16,013,262	16,840,886	18,877,770	19,902,730	1,488,768	1,110,336	743,696	487,577	(14,699,908)	43,402,114	25,450,892	5,690,398	(14,699,908)	7,614,757	75,604,052	-0.55	
TN	30,40	14,800,000	1,476,057	16,276,057	42,778	201,187	211,585	237,176	250,053	4,064,145	3,124,671	2,030,624	1,294,069	3,010,953	10,201,908	6,865,653	4,555,075	3,010,953	1,808,818	11,456,286		1.52
TN	50,60	6,105,000	608,874	6,713,874	24,954	11,883,151	12,497,315	14,008,850	14,769,454	9,233,139	7,171,290	4,712,549	3,092,118	(71,425,084)	(15,148,554)	(19,668,605)	(18,746,353)	(17,861,572)	746,137	77,392,820	-0.47	
TX	11	164,000,000	16,356,308	180,356,308	203,312	8,538,832	8,980,150	10,066,288	10,612,832	135,383,604	93,432,019	42,536,915	18,031,602	(167,472,906)	16,390,212	(86,021,956)	(52,806,515)	(28,644,435)	20,043,660	327,785,554	-0.26	
TX	12	12,620,000	1,258,638	13,878,638	18,941	2,189,791	2,302,968	2,581,509	2,721,671	11,969,933	8,297,097	3,844,924	1,682,194	(23,272,774)	(1,823,470)	(10,600,065)	(6,445,374)	(4,403,865)	1,542,384	35,609,027	-0.22	
TX	40	50,470,000	5,033,554	55,503,554	134,678	678,357	713,417	799,704	843,123	3,452,469	2,624,269	1,622,058	960,046	37,507,120	45,204,414	41,866,729	39,310,289	37,507,120	6,168,314	11,828,121		4.52
TX	51	3,050,000	304,187	3,354,187	6,868	0	0	0	0	28,790,366	22,273,215	14,975,368	9,910,639	(72,975,032)	(25,808,942)	(22,273,215)	(14,982,237)	(9,910,639)	372,763	75,956,456	-0.20	
TX	52	3,760,000	374,998	4,134,998	7,343	0	0	0	0	4,722,814	3,650,802	2,393,214	1,519,399	(8,618,111)	(1,047,353)	(3,650,802)	(2,400,557)	(1,519,399)	459,538	12,293,572	-0.22	
TX	81	17,550,000	1,750,324	19,300,324	42,611	202,029	212,471	238,169	251,100	10,402,949	7,706,618	4,982,917	3,021,804	(9,905,261)	6,550,430	(1,368,660)	(5,263,697)	(3,272,904)	2,144,916	27,060,670	-0.26	
TX	82	2,920,000	291,222	3,211,222	7,058	0	0	0	0	137,228	102,042	58,489	28,297	2,521,233	2,717,119	2,615,077	2,549,530	2,521,233	356,875	333,114		1.18
TX	90	29,270,000	2,919,202	32,189,202	62,622	0	0	0	0	855,844	635,808	366,125	173,950	26,517,550	27,756,053	27,120,246	26,691,499	26,517,550	3,577,304	2,094,348		1.65
TX	21,22,30	820,000	99,484	919,484	2,792	0	0	0	0	9,544,753	6,895,443	3,700,010	2,002,629	(21,348,056)	(8,747,181)	(6,895,443)	(3,702,802)	(2,002,629)	121,912	22,145,628	-0.20	
TX	60,70	3,340,000	350,813	3,690,813	6,120	0	0	0	0	3,967,352	2,795,176	1,588,875	734,873	(5,831,482)	(706,439)	(2,795,176)	(1,594,994)	(734,873)	429,900	9,092,395	-0.21	
TX	96,97	7,845,000	782,410	8,627,410	18,608	1,091,652	1,148,072	1,286,930	1,356,803	6,988,821	4,853,229	2,234,690	940,327	(12,250,517)	(411,859)	(6,001,301)	(3,540,228)	(2,297,130)	958,796	19,919,132	-0.42	
UT	All	3,256,000	324,733	3,580,733	16,636	0	0	0	0	11,040,077	7,939,959	5,027,720	3,136,966	(23,978,566)	(7,857,285)	(7,939,959)	(5,044,356)	(3,136,966)	397,940	27,161,358	-0.22	
VA	20,40,70,80	7,527,000	750,695	8,277,695	44,441	14,315	15,055	16,876	17,792	26,854,022	20,775,048	13,677,228	9,008,244	(63,065,259)	(19,510,574)	(20,790,103)	(13,738,546)	(9,026,037)	919,931	70,423,023	-0.22	
VA	50,60,90	26,898,000	2,682,634	29,580,634	86,268	144,307	151,765	170,121	179,357	8,425,873	6,338,105	4,171,816	2,731,247	3,894,371	17,723,050	11,233,180	6,804,975	3,894,371	3,287,405	22,398,859		2.95
VT	All	-	-	-	-	0	0	0	0	4,177,815	3,178,149	2,024,335	1,406,902	(10,787,200)	(4,177,815)	(3,178,149)	(2,024,335)	(1,406,902)	-	10,787,200	-0.20	
WA	All	25,200,000	2,513,286	27,713,286	46,342	0	0	0	0	25,380,864	18,436,370	10,423,014	6,104,116	(35,757,300)	(747,457)	(18,436,370)	(10,469,357)	(6,104,116)	3,079,879	60,390,707	-0.28	
WI	10,20,40	102,380,000	10,210,725	112,590,725	279,243	6,589,513	6,930,083	7,768,268	8,190,042	32,587,505	24,960,142	15,926,928	10,911,184	(14,064,804)	60,901,086	29,010,861	5,036,422	(14,064,804)	12,512,621	114,142,907	-0.33	
WI	30,50,60	102,800,000	10,252,613	113,052,613	270,449	6,359,015	6,687,672	7,496,538	7,903,559	27,487,175	20,966,897	13,284,681	9,165,197	867,475	66,642,470	38,987,901	17,936,232	867,475	12,563,952	99,621,185		0.84
WI	70,80,90	237,620,000	23,698,695	261,318,695	412,804	23,580,491	24,799,217	27,798,652	29,307,966	28,045,618	21,211,640	13,703,210	9,460,881	53,956,909	180,651,279	134,640,422	92,725,756	53,956,909	29,041,307	178,320,478		1.51
WV	All	2,997,000	298,902	3,295,902	10,932	0	0	0	0	8,582,907	6,644,635	4,404,220	2,883,454	(19,596,533)	(5,653,291)	(6,644,635)	(4,415,152)	(2,883,454)	366,286	22,526,149	-0.23	
WY	All	7,740,000	771,938	8,511,938	22,577	406,760	427,783	479,523	505,558	5,079,696	3,535,454	1,883,617	897,053	(5,672,045)	2,079,519	(1,883,717)	(2,385,716)	(1,402,611)	945,963	13,238,020	-0.89	
TOTAL		**13,069,008,530**	**1,303,647,000**	**14,372,655,530**	**22,200,000**	**975,484,547**	**1,025,901,133**	**1,149,982,622**	**1,212,420,388**	**2,396,963,505**	**1,763,512,195**	**1,094,972,867**	**682,507,644**	**2,451,170,630**					**1,597,540,000**	**10,323,944,900**		

1 mt = 39.368 bu **62,263,022**

This worksheet contains information on beginning stocks, production, usage, and ending stocks of corn by U.S. state and crop reporting district (CRD) for 2007-08 marketing year.

Production and seed use: Total production and seed use for planting in each CRD in 2007-08 marketing year.

Beginning and ending stocks: Based on Sep 2007 and Aug 2008 stocks in each CRD
Grain Stocks: Released June 30, 2008, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture.

Food alcohol, Industrial use (FOOD/AL/IN): Based on corn consumption of wet and dry corn millers according to capacity utilization of each company in a particular CRD.
Capacity utilization estimates are obtained from company websites, other publicly available data, and by industry experts.

Feed and miscellaneous use: Estimates are based on per animal consumption of corn for each type of animal and number of animals in each CRD.
File:"2007-08 LDFEED Data to Fuller_1.xls" Dr. Yu's estimates from Iowa State (now in Tennessee).

Surplus/Deficit (SUR/DEF) = Supply - Total usage -Ending stock

Supply = Beg stock + Production

Total usage = Seed + Food alcohol, industrial + Feed

U.S. Corn Prices

Corn - U.S. Prices (US$/bushel)

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
ALABAMA	10	CORN	3.43	4.60	5.59	6.04
ALABAMA	20	CORN	3.43	4.60	5.59	6.04
ALABAMA	30	CORN	3.43	4.60	5.59	6.04
ALABAMA	40	CORN	3.43	4.60	5.59	6.04
ALABAMA	50	CORN	3.43	4.60	5.59	6.04
ALABAMA	60	CORN	3.43	4.60	5.59	6.04
ARIZONA	ALL	CORN	3.76	4.95	5.92	6.38
ARKANSAS	10	CORN	3.38	4.53	5.52	5.97
ARKANSAS	20	CORN	3.38	4.53	5.52	5.97
ARKANSAS	30	CORN	3.38	4.53	5.52	5.97
ARKANSAS	40	CORN	3.38	4.53	5.52	5.97
ARKANSAS	50	CORN	3.38	4.53	5.52	5.97
ARKANSAS	60	CORN	3.38	4.53	5.52	5.97
ARKANSAS	70	CORN	3.37	4.53	5.52	5.97
ARKANSAS	80	CORN	3.38	4.53	5.52	5.97
ARKANSAS	90	CORN	3.38	4.53	5.52	5.97
CALIFORNIA	ALL	CORN	3.77	4.96	5.94	6.39
COLORADO	ALL	CORN	3.45	4.49	5.45	5.92
CONNECTICUT	ALL	CORN	3.39	4.56	5.56	5.99
DELAWARE	ALL	CORN	3.39	4.53	5.53	5.98
FLORIDA	10	CORN	3.46	4.60	5.60	6.05
FLORIDA	30, 50, 80	CORN	3.50	4.64	5.64	6.09
GEORGIA	10,20,30	CORN	3.42	4.56	5.56	6.01
GEORGIA	40,50,60	CORN	3.45	4.59	5.59	6.03
GEORGIA	70,80,90	CORN	3.48	4.62	5.62	6.05
IDAHO	ALL	CORN	3.55	4.74	5.72	6.17
ILLINOIS	10	CORN	3.34	4.49	5.45	5.86
ILLINOIS	20	CORN	3.28	4.39	5.27	5.70
ILLINOIS	30	CORN	3.39	4.54	5.49	5.91
ILLINOIS	40	CORN	3.51	4.66	5.64	6.04
ILLINOIS	50	CORN	3.35	4.48	5.44	5.85
ILLINOIS	60	CORN	3.25	4.36	5.30	5.71
ILLINOIS	70	CORN	3.37	4.51	5.44	5.87
ILLINOIS	80	CORN	3.55	4.67	5.61	6.03
ILLINOIS	90	CORN	3.43	4.57	5.51	5.98
INDIANA	10	CORN	3.30	4.47	5.45	5.89
INDIANA	20,30	CORN	3.26	4.42	5.41	5.84
INDIANA	40	CORN	3.31	4.47	5.46	5.89
INDIANA	50,60	CORN	3.25	4.43	5.42	5.85
INDIANA	70	CORN	3.41	4.58	5.56	6.00
INDIANA	80,90	CORN	3.35	4.52	5.51	5.94
IOWA	10	CORN	3.33	4.54	5.52	5.86
IOWA	20	CORN	3.23	4.43	5.37	5.74
IOWA	30	CORN	3.25	4.35	5.29	5.71
IOWA	40	CORN	3.33	4.52	5.51	5.85
IOWA	50	CORN	3.23	4.43	5.37	5.78
IOWA	60	CORN	3.30	4.42	5.32	5.74
IOWA	70	CORN	3.23	4.42	5.34	5.78
IOWA	80	CORN	3.24	4.44	5.37	5.82
IOWA	90	CORN	3.35	4.48	5.36	5.77
KANSAS	10,20,30	CORN	3.33	4.49	5.48	5.93

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
KANSAS	40,50	CORN	3.26	4.43	5.42	5.87
KANSAS	60	CORN	3.36	4.52	5.51	5.96
KANSAS	70,80	CORN	3.24	4.41	5.39	5.84
KANSAS	90	CORN	3.34	4.51	5.49	5.94
KENTUCKY	10	CORN	3.35	4.50	5.49	5.94
KENTUCKY	20	CORN	3.37	4.52	5.51	5.96
KENTUCKY	30,40,50,60	CORN	3.33	4.48	5.47	5.92
LOUISIANA	10,20	CORN	3.39	4.56	5.55	6.00
LOUISIANA	30	CORN	3.39	4.56	5.55	6.00
LOUISIANA	40,50,60,70,80,90	CORN	3.41	4.57	5.56	6.01
MAINE	ALL	CORN	3.39	4.56	5.56	5.99
MARYLAND	ALL	CORN	3.39	4.53	5.53	5.98
MASSACHUSETTS	ALL	CORN	3.39	4.56	5.56	5.99
MICHIGAN	10	CORN	3.05	4.22	5.22	5.65
MICHIGAN	20,30,40,50	CORN	3.06	4.24	5.23	5.66
MICHIGAN	60	CORN	3.13	4.30	5.29	5.73
MICHIGAN	70,80	CORN	3.17	4.35	5.34	5.78
MICHIGAN	90	CORN	3.17	4.34	5.34	5.77
MINNESOTA	10,20,30,60	CORN	3.24	4.41	5.27	5.66
MINNESOTA	40	CORN	3.12	4.30	5.28	5.73
MINNESOTA	50	CORN	3.14	4.32	5.30	5.75
MINNESOTA	70	CORN	3.32	4.52	5.44	5.82
MINNESOTA	80	CORN	3.32	4.52	5.44	5.82
MINNESOTA	90	CORN	3.17	4.40	5.24	5.58
MISSISSIPPI	10,20	CORN	3.36	4.53	5.52	5.97
MISSISSIPPI	30	CORN	3.36	4.53	5.52	5.97
MISSISSIPPI	40,50,60	CORN	3.36	4.53	5.52	5.97
MISSISSIPPI	70,80,90	CORN	3.36	4.53	5.52	5.97
MISSOURI	10	CORN	3.25	4.44	5.31	5.85
MISSOURI	20	CORN	3.36	4.46	5.36	5.88
MISSOURI	30	CORN	3.33	4.45	5.33	5.80
MISSOURI	40	CORN	3.39	4.56	5.52	5.99
MISSOURI	50	CORN	3.36	4.54	5.50	6.06
MISSOURI	60	CORN	3.66	4.77	5.70	6.10
MISSOURI	70	CORN	3.42	4.62	5.60	6.09
MISSOURI	80	CORN	3.42	4.62	5.60	6.09
MISSOURI	90	CORN	3.40	4.51	5.41	5.76
MONTANA	ALL	CORN	3.41	4.60	5.58	6.03
NEBRASKA	10	CORN	3.19	4.36	5.34	5.79
NEBRASKA	20	CORN	3.16	4.33	5.32	5.77
NEBRASKA	30	CORN	3.15	4.32	5.31	5.76
NEBRASKA	50	CORN	3.16	4.33	5.32	5.77
NEBRASKA	60	CORN	3.20	4.37	5.35	5.80
NEBRASKA	70	CORN	3.21	4.38	5.36	5.81
NEBRASKA	80	CORN	3.20	4.37	5.35	5.80
NEBRASKA	90	CORN	3.19	4.36	5.35	5.80
NEVADA	ALL	CORN	3.70	4.89	5.86	6.32
NEW HAMPSHIRE	ALL	CORN	3.39	4.56	5.56	5.99
NEW JERSEY	ALL	CORN	3.44	4.61	5.61	6.04
NEW MEXICO	ALL	CORN	3.96	5.01	5.99	6.49
NEW YORK	20,30	CORN	3.39	4.56	5.56	5.99
NEW YORK	40,50,60,70,80,90,91	CORN	3.37	4.54	5.54	5.97
NORTH CAROLINA	10,20,30,40,50,60	CORN	3.47	4.61	5.60	6.05

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
NORTH CAROLINA	70,80,90	CORN	3.51	4.65	5.65	6.09
NORTH DAKOTA	ALL	CORN	3.13	4.31	5.28	5.74
OHIO	10,20	CORN	3.49	4.63	5.60	5.96
OHIO	30,60	CORN	3.40	4.58	5.56	5.94
OHIO	40,50	CORN	3.37	4.56	5.58	5.93
OHIO	70,80	CORN	3.46	4.61	5.53	5.96
OHIO	90	CORN	3.37	4.56	5.58	5.96
OKLAHOMA	10	CORN	3.46	4.62	5.61	6.06
OKLAHOMA	20,30,50,60	CORN	3.46	4.62	5.61	6.06
OKLAHOMA	40	CORN	3.46	4.62	5.61	6.06
OKLAHOMA	70	CORN	3.46	4.62	5.61	6.06
OKLAHOMA	80,90	CORN	3.44	4.61	5.60	6.05
OREGON	ALL	CORN	3.66	4.85	5.83	6.29
PENNSYLVANIA	10,40,70	CORN	3.37	4.55	5.54	5.97
PENNSYLVANIA	20,30,50,60,80,90	CORN	3.41	4.59	5.58	6.02
RHODE ISLAND	ALL	CORN	3.39	4.56	5.56	5.99
SOUTH CAROLINA	ALL	CORN	3.62	4.79	5.84	6.22
SOUTH DAKOTA	10,20,40,70	CORN	3.17	4.35	5.33	5.78
SOUTH DAKOTA	30	CORN	3.15	4.33	5.31	5.76
SOUTH DAKOTA	50	CORN	3.15	4.34	5.31	5.77
SOUTH DAKOTA	60,90	CORN	3.12	4.31	5.28	5.74
SOUTH DAKOTA	80	CORN	3.11	4.30	5.27	5.73
TENNESSEE	10,20	CORN	3.60	4.70	5.61	5.96
TENNESSEE	30,40	CORN	3.45	4.61	5.52	5.91
TENNESSEE	50,60	CORN	3.60	4.75	5.66	6.09
TEXAS	11	CORN	3.59	4.75	5.74	6.19
TEXAS	12	CORN	3.50	4.67	5.66	6.11
TEXAS	21,22,30	CORN	3.48	4.65	5.64	6.09
TEXAS	40	CORN	3.41	4.57	5.56	6.01
TEXAS	51	CORN	3.41	4.57	5.56	6.01
TEXAS	52	CORN	3.38	4.54	5.53	5.98
TEXAS	60,70	CORN	3.44	4.61	5.60	6.05
TEXAS	81	CORN	3.40	4.57	5.56	6.01
TEXAS	82	CORN	3.34	4.51	5.50	5.95
TEXAS	90	CORN	3.41	4.57	5.56	6.01
TEXAS	96,97	CORN	3.35	4.52	5.50	5.96
UTAH	ALL	CORN	3.60	4.79	5.77	6.22
VERMONT	ALL	CORN	3.39	4.56	5.56	5.99
VIRGINIA	20,40,70,80	CORN	4.11	4.87	5.89	6.57
VIRGINIA	50,60,90	CORN	3.70	4.84	5.88	6.27
WASHINGTON	ALL	CORN	3.65	4.84	5.81	6.27
WEST VIRGINIA	ALL	CORN	3.34	4.48	5.48	5.93
WISCONSIN	10,20,40	CORN	3.12	4.26	5.24	5.68
WISCONSIN	30,50,60	CORN	3.14	4.28	5.26	5.70
WISCONSIN	70,80,90	CORN	3.21	4.35	5.33	5.76
WYOMING	ALL	CORN	3.41	4.55	5.38	5.68

This worksheet contains quarterly prices per bushel of corn in each U.S. state CRD or groups of CRDs.
Prices (USD/bushel) are based on quarterly average of USDA's archived county level LDP & PCP rates.

Source: https://arcticocean.sc.egov.usda.gov/acr/

U.S. Soybean Prices

Soybeans - U.S. Prices (US$/bushel)

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
ALABAMA	10,20,30	SOYBEANS	9.18	11.91	12.63	13.92
ALABAMA	40,50,60	SOYBEANS	9.21	11.93	12.66	13.95
ARKANSAS	10	SOYBEANS	9.08	11.78	12.50	13.77
ARKANSAS	20	SOYBEANS	9.13	11.83	12.55	13.82
ARKANSAS	30	SOYBEANS	9.23	11.93	12.64	13.92
ARKANSAS	40	SOYBEANS	9.10	11.81	12.52	13.80
ARKANSAS	50,60	SOYBEANS	9.21	11.91	12.62	13.90
ARKANSAS	70	SOYBEANS	9.05	11.75	12.47	13.74
ARKANSAS	80	SOYBEANS	9.13	11.83	12.55	13.82
ARKANSAS	90	SOYBEANS	9.22	11.92	12.64	13.91
DELAWARE	ALL	SOYBEANS	9.18	11.87	12.60	13.88
FLORIDA	10	SOYBEANS	9.11	11.80	12.53	13.81
FLORIDA	All others	SOYBEANS	9.11	11.80	12.53	13.81
GEORGIA	10,20,30	SOYBEANS	9.20	11.89	12.62	13.90
GEORGIA	40,50,60	SOYBEANS	9.12	11.82	12.55	13.83
GEORGIA	70,80,90	SOYBEANS	9.11	11.80	12.53	13.81
ILLINOIS	10	SOYBEANS	9.37	12.21	12.81	14.08
ILLINOIS	20	SOYBEANS	9.27	11.93	12.62	13.77
ILLINOIS	30	SOYBEANS	9.40	12.26	12.87	14.08
ILLINOIS	40	SOYBEANS	9.44	12.12	12.81	14.05
ILLINOIS	50	SOYBEANS	9.41	12.11	12.79	14.06
ILLINOIS	60	SOYBEANS	9.26	12.04	12.67	13.85
ILLINOIS	70	SOYBEANS	9.45	12.12	12.82	14.03
ILLINOIS	80,90	SOYBEANS	9.54	12.36	12.95	14.14
INDIANA	10	SOYBEANS	9.14	11.85	12.58	13.86
INDIANA	20,30	SOYBEANS	9.09	11.81	12.53	13.82
INDIANA	40	SOYBEANS	9.16	11.87	12.60	13.88
INDIANA	50,60	SOYBEANS	9.14	11.86	12.58	13.87
INDIANA	70	SOYBEANS	9.22	11.93	12.66	13.94
INDIANA	80,90	SOYBEANS	9.20	11.92	12.64	13.93
IOWA	10	SOYBEANS	8.97	11.66	12.45	13.61
IOWA	20	SOYBEANS	8.97	11.67	12.32	13.49
IOWA	30	SOYBEANS	9.24	11.92	12.66	13.69
IOWA	40	SOYBEANS	8.95	11.60	12.41	13.61
IOWA	50	SOYBEANS	9.01	11.69	12.37	13.54
IOWA	60	SOYBEANS	9.30	11.96	12.70	13.78
IOWA	70	SOYBEANS	8.93	11.55	12.37	13.62
IOWA	80	SOYBEANS	9.04	11.71	12.42	13.59
IOWA	90	SOYBEANS	9.36	12.00	12.73	13.87
KANSAS	10,20,30	SOYBEANS	8.82	11.52	12.26	13.54
KANSAS	40,50	SOYBEANS	8.84	11.55	12.28	13.57
KANSAS	60	SOYBEANS	9.00	11.70	12.43	13.72
KANSAS	70,80	SOYBEANS	9.03	11.74	12.47	13.75
KANSAS	90	SOYBEANS	9.03	11.74	12.47	13.75
KENTUCKY	20	SOYBEANS	9.25	11.95	12.67	13.94
LOUISIANA	10,20	SOYBEANS	9.06	11.78	12.50	13.79
LOUISIANA	30	SOYBEANS	9.18	11.90	12.62	13.91
LOUISIANA	40,50,60,70,80,90	SOYBEANS	9.28	12.00	12.72	14.01
MARYLAND	ALL	SOYBEANS	9.18	11.87	12.60	13.88
MICHIGAN	10	SOYBEANS	8.92	11.62	12.34	13.62
MICHIGAN	20,30,40,50	SOYBEANS	8.94	11.64	12.37	13.64
MICHIGAN	60	SOYBEANS	8.98	11.68	12.40	13.68
MICHIGAN	70,80	SOYBEANS	9.05	11.74	12.47	13.75
MICHIGAN	90	SOYBEANS	9.11	11.81	12.54	13.81
MINNESOTA	10,20,30,60	SOYBEANS	9.03	12.36	12.05	13.42
MINNESOTA	40	SOYBEANS	8.82	11.51	12.26	13.54

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
MINNESOTA	50	SOYBEANS	8.88	11.58	12.33	13.61
MINNESOTA	70	SOYBEANS	9.01	11.72	12.46	13.59
MINNESOTA	80	SOYBEANS	9.01	11.72	12.46	13.59
MINNESOTA	90	SOYBEANS	9.01	11.33	11.94	13.34
MISSISSIPPI	10,20	SOYBEANS	9.24	11.97	12.69	13.98
MISSISSIPPI	30	SOYBEANS	9.19	11.92	12.64	13.93
MISSISSIPPI	40,50,60	SOYBEANS	9.23	11.95	12.68	13.96
MISSISSIPPI	70,80,90	SOYBEANS	9.28	12.00	12.73	14.01
MISSOURI	10	SOYBEANS	9.00	15.09	12.33	13.68
MISSOURI	20	SOYBEANS	9.07	11.73	12.44	13.77
MISSOURI	30	SOYBEANS	9.35	12.10	12.68	13.98
MISSOURI	40	SOYBEANS	9.05	11.72	12.49	13.77
MISSOURI	50	SOYBEANS	9.09	11.79	12.48	13.89
MISSOURI	60	SOYBEANS	9.68	12.47	13.07	14.14
MISSOURI	70	SOYBEANS	9.07	11.69	12.27	13.60
MISSOURI	80	SOYBEANS	9.07	11.69	12.27	13.60
MISSOURI	90	SOYBEANS	9.51	12.29	12.84	13.88
NEBRASKA	10,20	SOYBEANS	8.67	11.38	12.11	13.39
NEBRASKA	30	SOYBEANS	8.86	11.57	12.30	13.58
NEBRASKA	50	SOYBEANS	8.85	11.55	12.28	13.57
NEBRASKA	60	SOYBEANS	8.96	11.67	12.40	13.68
NEBRASKA	70	SOYBEANS	8.73	11.44	12.17	13.45
NEBRASKA	80	SOYBEANS	8.84	11.55	12.28	13.57
NEBRASKA	90	SOYBEANS	8.95	11.66	12.39	13.67
NEW JERSEY	ALL	SOYBEANS	9.11	11.81	12.53	13.81
NEW YORK	20,30	SOYBEANS	9.05	11.75	12.47	13.75
NEW YORK	40,50,60,70,80,90,91	SOYBEANS	9.05	11.75	12.47	13.75
NORTH CAROLINA	10,20,30,40,50,60	SOYBEANS	9.18	11.88	12.60	13.89
NORTH CAROLINA	70,80,90	SOYBEANS	9.14	11.84	12.56	13.85
NORTH DAKOTA	ALL	SOYBEANS	8.60	11.28	12.03	13.30
OHIO	10,20	SOYBEANS	9.35	12.08	12.93	14.28
OHIO	30,60	SOYBEANS	9.26	11.91	12.88	14.12
OHIO	40,50	SOYBEANS	9.25	11.96	12.90	14.12
OHIO	70,80	SOYBEANS	9.51	12.35	12.97	14.19
OHIO	90	SOYBEANS	9.26	12.04	12.88	13.99
OKLAHOMA	10	SOYBEANS	8.84	11.54	12.28	13.56
OKLAHOMA	20,30,50,60	SOYBEANS	8.95	11.66	12.39	13.67
OKLAHOMA	40	SOYBEANS	9.00	11.71	12.44	13.73
OKLAHOMA	70	SOYBEANS	9.00	11.71	12.44	13.73
OKLAHOMA	80,90	SOYBEANS	9.02	11.73	12.46	13.75
PENNSYLVANIA	10,40,70	SOYBEANS	9.11	11.81	12.53	13.81
PENNSYLVANIA	20,30,50,60,80,90	SOYBEANS	9.11	11.81	12.53	13.81
SOUTH CAROLINA	ALL	SOYBEANS	9.69	12.13	12.84	14.09
SOUTH DAKOTA	10,20,40,70	SOYBEANS	8.60	11.27	12.02	13.29
SOUTH DAKOTA	30	SOYBEANS	8.84	11.51	12.26	13.53
SOUTH DAKOTA	50	SOYBEANS	8.65	11.32	12.06	13.34
SOUTH DAKOTA	60,90	SOYBEANS	8.85	11.52	12.26	13.53
SOUTH DAKOTA	80	SOYBEANS	8.69	11.36	12.11	13.38
TENNESSEE	10,20	SOYBEANS	9.56	12.34	12.88	13.84
TENNESSEE	30,40	SOYBEANS	9.47	12.27	12.69	13.65
TENNESSEE	50,60	SOYBEANS	9.49	12.18	12.81	13.76
TEXAS	11	SOYBEANS	8.67	11.38	12.11	13.40
TEXAS	12	SOYBEANS	8.72	11.43	12.16	13.45
TEXAS	40	SOYBEANS	8.88	11.59	12.32	13.61
TEXAS	51	SOYBEANS	8.94	11.65	12.38	13.67
TEXAS	81	SOYBEANS	8.94	11.65	12.38	13.67
TEXAS	90	SOYBEANS	9.05	11.76	12.49	13.78
TEXAS	96,97	SOYBEANS	8.94	11.65	12.38	13.67

STATE	CRD	GRAIN	QUARTER-1 (Sep07-Nov07)	QUARTER-2 (Dec07-Feb08)	QUARTER-3 (Mar08-May08)	QUARTER-4 (Jun08-Aug08)
VIRGINIA	20,40,70,80	SOYBEANS	9.20	11.90	12.62	13.91
VIRGINIA	50,60,90	SOYBEANS	9.22	11.92	12.64	13.93
WEST VIRGINIA	ALL	SOYBEANS	9.18	11.87	12.60	13.88
WISCONSIN	10,20,40	SOYBEANS	8.96	11.67	12.41	13.68
WISCONSIN	30,50,60	SOYBEANS	8.93	11.64	12.38	13.65
WISCONSIN	70,80,90	SOYBEANS	9.05	11.76	12.50	13.77

This worksheet contains quarterly prices per bushel of soybeans in each U.S. state CRD or groups of CRDs.
Prices (USD/bushel) are based on quarterly average of USDA's archived county level LDP & PCP rates.
Source: https://arcticocean.sc.egov.usda.gov/acr/

EPA Charges/Fees for Grain Storage and Handling 2008

Charges/Fees for Grain Storage and Handling:

Domestic excess supply region—elevator's grain receipts and shipment fees--$4.53/MT

Domestic and foreign storage charges--$3.59/MT/quarter

Domestic Barge Locations

Receiving by	Load-out barge--$1.26/MT
Truck--$1.33/MT	
Rail--$1.33/MT	Receive grain barge and load truck/rail--$2.58/MT

Domestic Port locations

Receiving by	Load Vessel--$1.81/MT
Truck--$1.36/MT	
Rail--$1.18/MT	Vessel Charges--$1.86/MT
Barge--$1.13/MT	

Foreign Port Locations of Exporters

South America
- Argentina--$5.46/MT
- Brazil--$9.49/MT

Asia--$5.46/MT
East Europe--$8.16/MT
Africa--$5.03/MT

If we calculate an excess supply equation for an exporting country/region using the Port FOB price (free on-board vessel price), then there is no need to add the above charges since they should be reflected in the Port FOB price.

Estimated Charges Moving Grain via Duluth and Toledo to Montreal for Export

Estimated charges moving grain via Duluth and Toledo to Montreal for export

Zafar, I believe we agreed that the charges/fees I had given you for grain handling and storage were low and needed to be adjusted upward. Accordingly, I have made the adjustment by increasing these forwarded charges by 50%.

	Duluth	Toledo
Receiving by:		
Truck	**$2.04/MT**	**$2.04/MT**
Rail	**$1.77/MT**	**$1.77/MT**
Load Ship	**$2.72/MT**	**$2.72/MT**
Ship Charges	**$2.79/MT**	**$2.72/MT**
Tolls,Fees	**$1.90/MT**	**$1.20/MT**
Laker Freight to Montreal	**$30/MT**	**$22/MT**
Receiving from Laker at Montreal elevator	**$1.70/MT**	**$1.70/MT**

Zafar,
The cost of loading the ocean-going vessel at Montreal would be analogous to costs you use at US ports as well as the associated ship charges.