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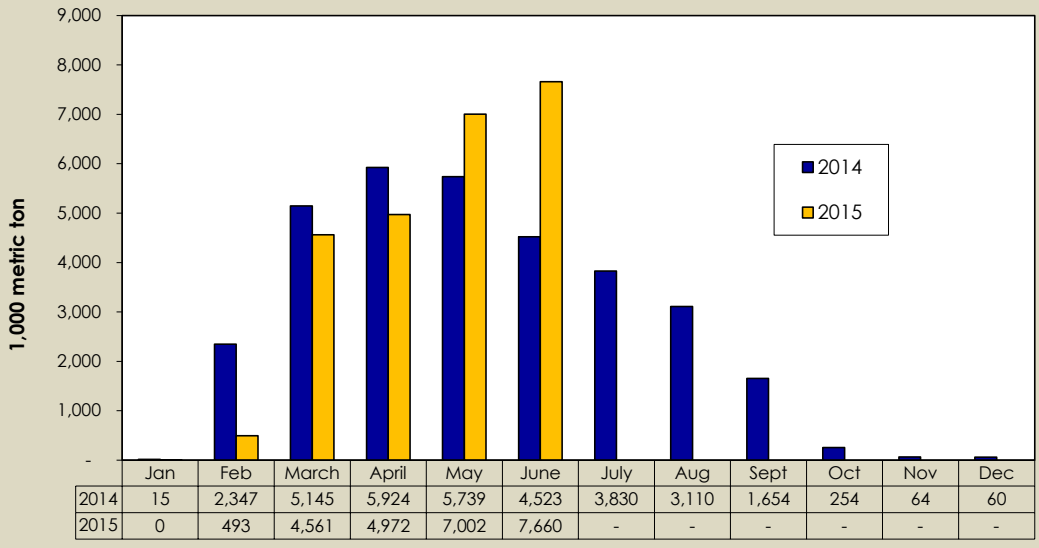
Record Soybean Exports Increased Transportation Demand. During the second quarter of 2015, Brazil exported 25.7 million metric ton (mmt), 13 percent more soybeans than during the same time last year (22.7 mmt), particularly during May and June (Secretariat of Foreign Trade (SECEX)). During the first half of 2015, Brazilian soybean exports increased 1.4 percent to 32.2 mmt from 31.8 mmt at the same time last year. The cost of shipping a metric ton (mt) of soybeans 100 miles by truck decreased 22 percent to $8.47 from $10.86 in the 2nd quarter of 2014 (table 6). However, truck rates measured in reais (R$) were mixed. In the selected routes of North Mato Grosso (MT) to Santos and Paranaguá truck rates increased 22 percent, reaching R$295/mt, and 26 percent, to R$292.65/mt, respectively. Truck rates from Northwest Rio Grande do Sul (RS) to Rio Grande increased nearly 43 percent to R$91.90/mt, and declined about 13 percent to R$134.25/mt from South Goiás (GO) to Santos. The Brazilian real (R$) depreciated nearly 38 percent against the dollar, to R$3.07 per US$1.00 from R$2.23 in the same period in 2014, and about 32 percent compared with the 2014 average of R$2.33 per US$1.00. Ocean rates plunged 35−43 percent due to excess vessel supply availability.

Figure 1. Brazil soybean average monthly exports to China



	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2014	15	2,347	5,145	5,924	5,739	4,523	3,830	3,110	1,654	254	64	60
2015	0	493	4,561	4,972	7,002	7,660	-	-	-	-	-	-

Source: Secretariat of Foreign Trade (SECEX), MDIC

Second quarter 2015 Brazilian average soybean export prices declined 24 percent to US$ 386 per mt from US$509 per mt at the same time last year (Secretariat of Foreign Trade (SECEX)). The weakened Brazilian real (R$) against the U.S. dollar, partially offset the 28 percent drop in soybean farm prices—down to $325/mt from $448/mt in 2nd quarter 2014—because soybeans are priced in U.S. dollars but paid in reais. Second quarter 2015 average farm prices in the Brazilian real (R$) decreased 3 percent, to R$965 from R$999/mt (Brazil Central Bank and the National Company of Food Supply (CONAB)).

China, the world's largest soybean buyer, bought a significant amount of Brazilian soybeans in May and June (figure 1). Second quarter 2015 Brazil soybean exports to China increased 21 percent to 19.6 mmt from 16.1 mmt in the 2nd quarter of 2014. By the end of June, China bought 24.7 mmt of Brazilian soybeans, valued at $9.6 billion, 4 percent more than same time last year. China accounted for 77 percent of Brazil's total soybean exports. Brazilian soybean exports to China usually peak in May and almost finish by the end of September (Soybean Transportation Guide: Brazil 2014). The southern ports of Santos, Paranaguá, Rio Grande, and São Francisco do Sul accounted for 71 percent of total soybean exports and 81 percent of exports to China. The Northeastern ports of São Luís, Vitoría, and Salvador exported 19 percent of total Brazilian soybeans and 17 percent of exports to China. The Amazon River ports of Manaus, Barcarena, and Santarém represented 9 percent of Brazil total soybean exports. Manaus and Barcarena accounted for nearly 2 percent of Brazilian soybean exports to China. The port of Santarém did not export to China. Mato Grosso (MT) was the largest exporting State, accounting for 30 percent of Brazilian total soybean exports, followed by Rio Grande do Sul (15 percent), Paraná (14 percent), Mato Grosso do Sul (7 percent), Goiás (6 percent), and São Paulo (4 percent). For more information contact delmy.salin@ams.usda.gov.

Table 1. Quarterly costs of transporting from southern Brazilian soybean ports to Shanghai, China

	2014 2nd qtr	2015 2nd qtr	% Change	2014 2nd qtr	2015 2nd qtr	% Change
	North MT[1] - Santos[2] --US$/mt--			Northwest RS[1] - Rio Grande[2] --US$/mt--		
Truck	108.54	96.18	-11.4	28.91	29.93	3.5
Ocean	38.07	22.50	-40.9	38.75	25.00	-35.5
Total transportation	146.61	118.68	-19.1	67.66	54.93	-18.8
Farm price [3]	417.02	295.94	-29.0	464.19	360.56	-22.3
Landed cost	563.63	414.61	-26.4	531.86	415.49	-21.9
Transport % of landed cost	26.0	28.6	10.0	12.7	13.2	3.9
	North Central PR[1] - Paranaguá [2] --US$/mt--			South GO[1] - Santos[2] --US$/mt--		
Truck	35.53	26.77	-24.7	69.10	43.72	-36.7
Ocean	41.13	23.50	-42.9	38.07	22.50	-40.9
Total transportation	76.66	50.27	-34.4	107.17	66.22	-38.2
Farm price [3]	471.00	333.27	-29.2	441.74	310.64	-29.7
Landed cost	547.66	383.54	-30.0	548.91	376.86	-31.3
Transport % of landed cost	14.00	13.11	-6.4	19.5	17.6	-10.0

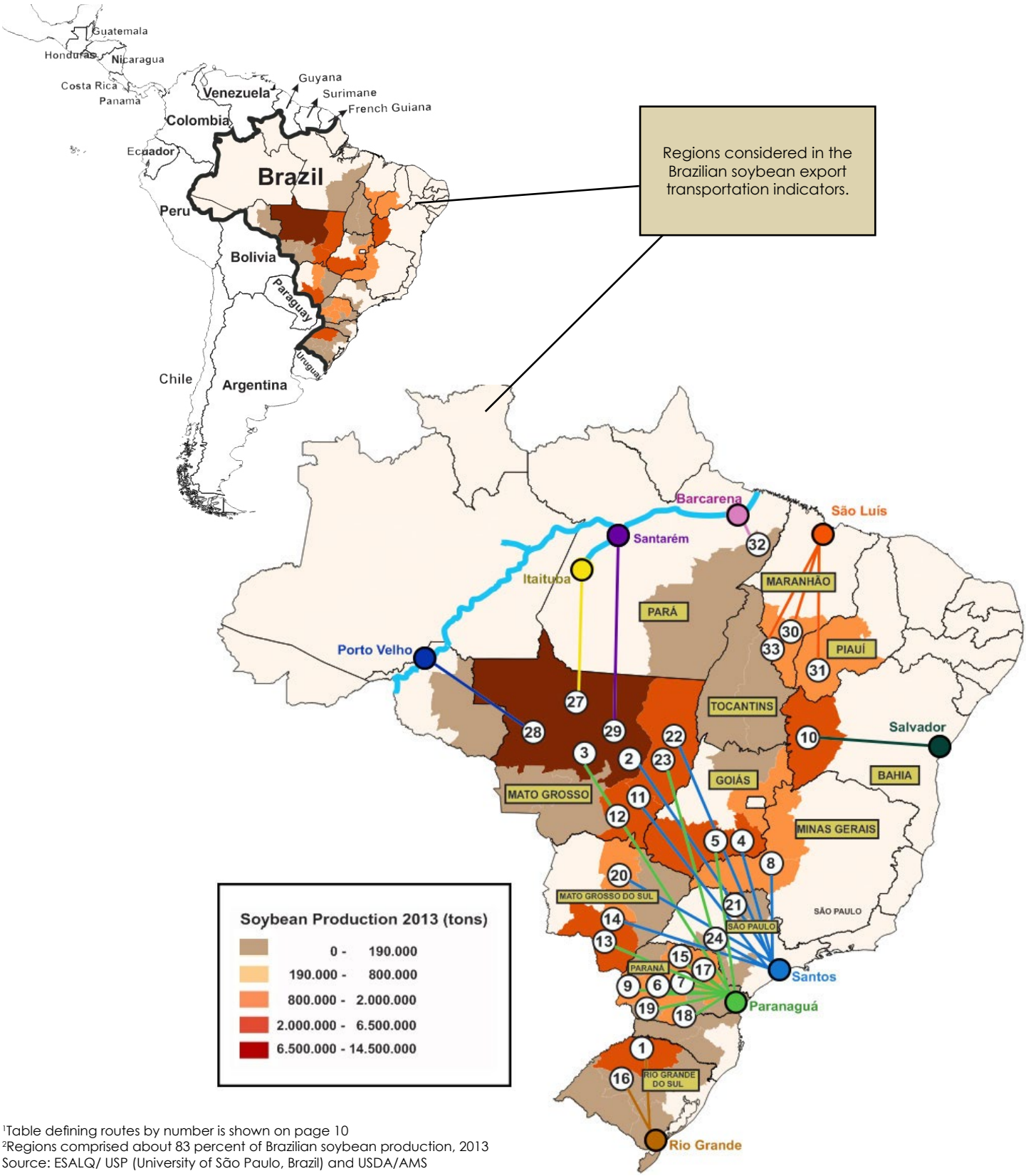
[1]Producing regions: RS = Rio Grande do Sul, MT= Mato Grosso, GO = Goiás, PR = Paraná
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br
Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Table 2. Quarterly costs of transporting from southern Brazilian soybean ports to Hamburg, Germany

	2014 2nd qtr	2015 2nd qtr	% Change	2014 2nd qtr	2015 2nd qtr	% Change
	North MT[1] - Santos[2] --US$/mt--			Northwest RS[1] - Rio Grande[2] --US$/mt--		
Truck	108.54	96.18	-11.4	28.91	29.93	3.5
Ocean	30.00	21.00	-30.0	30.00	21.00	-30.0
Total transportation	138.54	117.18	-15.4	58.91	50.93	-13.6
Farm price [3]	417.02	295.94	-29.0	464.19	360.56	-22.3
Landed cost	555.56	413.11	-25.6	523.11	411.49	-21.3
Transport % of landed cost	24.9	28.4	13.7	11.3	12.4	9.9
	North Central PR[1] - Paranaguá[2] --US$/mt--			South GO[1] - Santos[2] --US$/mt--		
Truck	35.53	26.77	-24.7	69.10	43.72	-36.7
Ocean	30.00	21.00	-30.0	30.00	21.00	-30.0
Total transportation	65.53	47.77	-27.1	99.10	64.72	-34.7
Farm price [3]	471.00	333.27	-29.2	441.74	310.64	-29.7
Landed cost	536.53	381.04	-29.0	540.84	375.36	-30.6
Transport % of landed cost	12.2	12.5	2.6	18.3	17.2	-5.9

[1]Producing regions: RS = Rio Grande do Sul, MT= Mato Grosso, GO = Goiás, PR = Paraná
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br
Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Figure 2. Routes[1] and regions considered in the Brazilian soybean export transportation indicator[2]



[1]Table defining routes by number is shown on page 10
[2]Regions comprised about 83 percent of Brazilian soybean production, 2013
Source: ESALQ/ USP (University of São Paulo, Brazil) and USDA/AMS

Table 3. Quarterly costs of transporting Brazilian soybeans from the southern ports to Shanghai, China										
	----------2015----------									
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	North MT[1] - Santos[2] --US$/mt--					North MT[1] - Paranaguá[2] --US$/mt--				
Truck	89.60	96.18			92.89	89.68	95.31			92.49
Ocean	29.50	22.50			26.00	31.50	23.50			27.50
Total transportation	119.10	118.68			118.89	121.18	118.81			119.99
Farm price [3]	312.34	295.94			304.14	312.34	295.94			304.14
Landed cost	431.44	414.61			423.03	433.52	414.74			424.13
Transport % of landed cost	27.6	28.6			28.1	28.0	28.6			28.3
	Southeast MT[1] - Santos[2] --US$/mt--					North Central PR[1] - Paranaguá[2] --US$/mt--				
Truck	62.60	64.82			63.71	25.33	26.77			26.05
Ocean	29.50	22.50			26.00	31.50	23.50			27.50
Total transportation	92.10	87.32			89.71	56.83	50.27			53.55
Farm price [3]	312.34	295.94			304.14	340.69	333.27			336.98
Landed cost	404.43	383.26			393.85	397.53	383.54			390.53
Transport % of landed cost	22.8	22.8			22.8	14.3	13.1			13.7
	South GO[1] - Santos[2] --US$/mt--					Northwest RS[1] - Rio Grande[2] --US$/mt--				
Truck	43.71	43.72			43.71	26.70	29.93			28.31
Ocean	29.50	22.50			26.00	29.50	25.00			27.25
Total transportation	73.21	66.22			69.71	56.20	54.93			55.56
Farm price [3]	329.95	310.64			320.29	336.85	360.56			348.71
Landed cost	403.16	376.86			390.01	393.05	415.49			404.27
Transport % of landed cost	18.2	17.6			17.9	14.3	13.2			13.8

[1]Producing regions: RS = Rio Grande do Sul, MT= Mato Grosso, GO = Goiás, PR = Paraná
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br; na: not available
Source: ESALQ/ USP (University of São Paulo, Brazil) and USDA/AMS

Table 4. Quarterly costs of transporting Brazilian soybeans from the southern ports to Hamburg, Germany										
	----------2015----------									
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	North MT[1] - Santos[2] --US$/mt--					North MT[1] - Paranaguá[2] --US$/mt--				
Truck	89.60	96.18			92.89	89.68	95.31			92.49
Ocean	22.00	21.00			21.50	22.00	21.00			21.50
Total transportation	111.60	117.18			114.39	111.68	116.31			113.99
Farm price[3]	312.34	295.94			304.14	312.34	295.94			304.14
Landed cost	423.94	413.11			418.53	424.02	412.24			418.13
Transport % of landed cost	26.3	28.4			27.3	26.3	28.2			27.3
	Southeast MT[1] - Santos[2] --US$/mt--					North Central PR[1] - Paranaguá[2] --US$/mt--				
Truck	62.60	64.82			63.71	25.33	26.77			26.05
Ocean	22.00	21.00			21.50	22.00	21.00			21.50
Total transportation	84.60	85.82			85.21	47.33	47.77			47.55
Farm price[3]	312.34	295.94			304.14	340.69	333.27			336.98
Landed cost	396.93	381.76			389.35	388.03	381.04			384.53
Transport % of landed cost	21.3	22.5			21.9	12.2	12.5			12.4
	South GO[1] - Santos[2] --US$/mt--					Northwest RS[1] - Rio Grande[2] --US$/mt--				
Truck	43.71	43.72			43.71	26.70	29.93			28.31
Ocean	22.00	21.00			21.50	22.00	21.00			21.50
Total transportation	65.71	64.72			65.21	48.70	50.93			49.81
Farm price[3]	329.95	310.64			320.29	336.85	360.56			348.71
Landed cost	395.66	375.36			385.51	385.55	411.49			398.52
Transport % of landed cost	16.6	17.2			16.9	12.6	12.4			12.5

[1]Producing regions: RS = Rio Grande do Sul, MT= Mato Grosso, GO = Goiás, PR = Paraná
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br; na: not available
Source: ESALQ/ USP (University of São Paulo, Brazil) and USDA/AMS

Table 5. Quarterly costs of transporting Brazilian soybeans from the north and northeastern ports to Shanghai, China

	2015									
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	North MT[1] - Santarém[2] --US$/mt--					South MA[1] - São Luís[2] --US$/mt--				
Truck	72.44	56.39			64.42	35.94	41.95			38.94
Ocean	32.00	25.00			28.50	32.00	25.00			28.50
Total transportation	104.44	81.39			92.92	67.94	66.95			67.44
Farm price [3]	312.34	295.94			304.14	326.75	310.26			318.51
Landed cost	416.78	377.33			397.05	394.69	377.21			385.95
Transport % of landed cost	25.1	21.6			23.3	17.2	17.7			17.5
	Southwest PI[1] - São Luís[2] --US$/mt--									
Truck	49.07	44.89			46.98					
Ocean	32.00	25.00			28.50					
Total transportation	81.07	69.89			75.48					
Farm price [3]	330.99	300.93			315.96					
Landed cost	412.06	370.82			391.44					
Transport % of landed cost	19.7	18.8			19.3					

[1]Producing regions: MT= Mato Grosso, PI = Piauí, MA = Maranhão
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br; na: not available
Source: ESALQ/ USP (University of São Paulo, Brazil) and USDA/AMS

Table 6. Quarterly costs of transporting Brazilian soybeans from the north and northeastern ports to Hamburg, Germany

	2015									
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	North MT[1] - Santarém[2] --US$/mt--					South MA[1] - São Luís[2] --US$/mt--				
Truck	72.44	56.39			64.42	35.94	41.95			38.94
Ocean	20.00	14.50			17.25	20.00	18.25			19.13
Total transportation	92.44	70.89			81.67	55.94	60.20			58.07
Farm price[3]	312.34	295.94			304.14	326.75	310.26			318.51
Landed cost	404.78	366.83			385.80	382.69	370.46			376.57
Transport % of landed cost	22.8	19.3			21.1	14.6	16.2			15.4
	Southwest PI[1] - São Luís[2] --US$/mt--									
Truck	49.07	44.89			46.98					
Ocean	20.00	16.00			18.00					
Total transportation	69.07	60.89			64.98					
Farm price[3]	330.99	300.93			315.96					
Landed cost	400.06	361.82			380.94					
Transport % of landed cost	17.3	16.8			17.0					

[1]Producing regions: MT= Mato Grosso, PI = Piauí, MA = Maranhão
[2]Export ports
[3]Source: Companhia Nacional de Abastecimento (CONAB) www.conab.gov.br; na: not available
Source: ESALQ/ USP (University of São Paulo, Brazil) and USDA/AMS

Table 7. Truck rates for selected Brazilian soybean export transportation routes, 2015									
Route #	Origin[1] (reference city)	Destination	Distance (miles)[2]	Share (%)[3]	Freight Price (US$)				
					1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
					--- (per 100 miles)[4]---				
1	Northwest RS5 (Cruz Alta)	Rio Grande	288	11.5	9.27	10.39			9.83
2	North MT (Sorriso)	Santos	1,190	3.2	7.53	8.08			7.81
3	North MT (Sorriso)	Paranaguá	1,262	3.1	7.11	7.55			7.33
4	South GO (Rio Verde)	Santos	587	5.6	7.45	7.45			7.45
5	South GO (Rio Verde)	Paranaguá	726	4.5	7.08	7.61			7.35
6	North Central PR (Londrina)	Paranaguá	268	3.9	9.45	9.99			9.72
7	Western Central PR (Mamborê)	Paranaguá	311	3.0	9.15	9.66			9.40
8	Triangle MG (Uberaba)	Santos	339	2.8	10.72	10.18			10.45
9	West PR (Assis Chateaubriand)	Paranaguá	377	3.0	8.68	8.78			8.73
10	West Extreme BA (São Desidério)	Salvador	535	4.1	7.89	8.57			8.23
11	Southeast MT (Primavera do Leste)	Santos	901	3.0	6.95	7.19			7.07
12	Southeast MT (Primavera do Leste)	Paranaguá	975	2.8	6.63	6.87			6.75
13	Southwest MS (Maracaju)	Paranaguá	612	2.8	7.48	7.81			7.64
14	Southwest MS (Maracaju)	Santos	652	2.7	7.72	7.84			7.78
15	West PR (Assis Chateaubriand)	Santos	550	2.1	7.41	7.97			7.69
16	East GO (Cristalina)	Santos	585	1.9	8.03	8.85			8.44
17	North PR (Cornélio Procópio)	Paranaguá	306	2.2	7.62	8.23			7.93
18	Eastern Central PR (Castro)	Paranaguá	130	2.7	12.47	12.70			12.59
19	South Central PR (Guarapuava)	Paranaguá	204	2.3	11.18	12.32			11.75
20	North Central MS (São Gabriel do Oeste)	Santos	720	1.9	6.78	6.88			6.83
21	Ribeirão Preto SP (Guairá)	Santos	314	0.0	7.95	8.29			8.12
22	Northeast MT (Canarana)	Santos	950	2.8	7.04	7.57			7.31
23	East MS (Chapadão do Sul)	Santos	607	0.0	7.18	6.81			6.99
24	Northeast MT (Canarana)	Paranaguá	1,075	2.4	6.91	7.14			7.02
25	Western Central RS (Tupanciretã)	Rio Grande	273	2.6	8.82	8.68			8.75
26	Southwest PR(Chopinzinho)	Paranaguá	291	1.8	10.31	11.51			10.91
27	North MT (Sorriso)	Itaituba	672	5.7	6.52	6.92			6.72
28	North MT (Sorriso)	Porto Velho	632	6.1	6.60	7.16			6.88
29	North MT (Sorriso)	Santarém	876	4.4	8.27	6.44			7.35
30	South MA (Balsas)	São Luís	482	2.0	7.46	8.71			8.09
31	Southwest PI (Bom Jesus)	São Luís	606	1.3	8.10	7.41			7.75
32	Southeast PA (Paragominas)	Barcarena	249	0.6	7.85	8.53			8.19
33	East TO (Campos Lindos)	São Luís	842	1.4	8.58	6.98			7.78
		Average	**587**	**100.0**	**8.12**	**8.47**			**8.29**

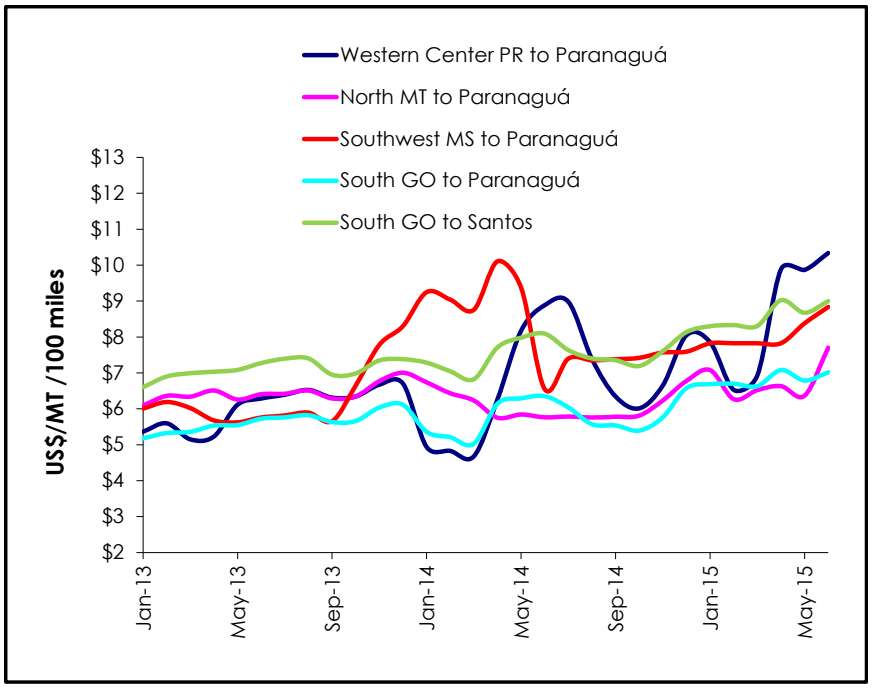
[1]Although each origin region comprises several cities, the main city is considered as a reference to establish the freight price; na = not available
[2]Distance from the main city of the considered region to the mentioned ports
[3]Share is measured as a percentage of total production
[4]US$ per metric ton (average monthly exchange rate from "Banco Central do Brasil" was used to convert Brazilian reais to the U.S. dollar)
[5]RS = Rio Grande do Sul, MT= Mato Grosso, GO = Goiás, PR = Paraná, MG = Minas Gerais, BA = Bahia, MS = Mato Grosso do Sul, SP = São Paulo, PI = Piauí, MA = Maranhão, PA = Pará, TO = Tocantins
Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Table 8. Monthly Brazilian soybean export truck transportation cost index

Month	Freight price* (per 100 miles)	Index variation (%) (Base: prior month)	Index value (Base: Jan. 05 = 100)	Month	Freight price* (per 100 miles)	Index variation (%) (Base: prior month)	Index value (Base: Jan. 05 = 100)
Jan-08	9.40	0.9	162.12	Jan-12	10.20	1.7	175.90
Feb-08	9.63	2.4	166.02	Feb-12	10.76	5.4	185.45
Mar-08	10.59	9.9	182.46	Mar-12	10.55	-2.0	181.82
Apr-08	10.81	2.1	186.35	Apr-12	10.45	-1.0	180.06
May-08	10.69	-1.1	184.32	May-12	9.64	-7.7	166.20
Jun-08	11.00	2.9	189.67	Jun-12	9.37	-2.9	161.44
Jul-08	12.05	9.5	207.73	Jul-12	9.76	4.2	168.16
Aug-08	11.14	-7.6	192.00	Aug-12	10.17	4.3	175.33
Sep-08	10.27	-7.8	177.00	Sep-12	10.30	1.3	177.54
Oct-08	7.44	-27.6	128.22	Oct-12	10.13	-1.6	174.66
Nov-08	7.20	-3.2	124.11	Nov-12	9.84	-2.8	169.69
Dec-08	6.79	-5.7	117.09	Dec-12	9.73	-1.1	167.74
Jan-09	6.91	1.7	119.11	Jan-13	10.11	3.9	174.31
Feb-09	7.28	5.4	125.52	Feb-13	10.79	6.7	185.96
Mar-09	7.65	5.1	131.89	Mar-13	11.14	3.3	192.04
Apr-09	8.44	10.3	145.42	Apr-13	10.95	-1.7	188.71
May-09	9.56	13.3	164.72	May-13	10.40	-5.0	179.31
Jun-09	9.74	2.0	167.97	Jun-13	9.49	-8.8	163.61
Jul-09	9.28	-4.8	159.94	Jul-13	9.65	1.7	166.41
Aug-09	9.29	0.1	160.16	Aug-13	9.80	1.5	168.95
Sep-09	9.14	-1.6	157.62	Sep-13	10.21	4.2	176.02
Oct-09	9.32	1.9	160.66	Oct-13	10.17	-0.4	175.28
Nov-09	9.22	-1.1	158.93	Nov-13	9.29	-8.6	160.18
Dec-09	9.02	-2.2	155.48	Dec-13	8.91	-4.1	153.63
Jan-10	9.17	1.7	158.10	Jan-14	8.86	-0.6	152.73
Feb-10	9.99	8.9	172.16	Feb-14	10.34	16.7	178.24
Mar-10	10.77	7.8	185.67	Mar-14	11.61	12.3	200.13
Apr-10	10.91	1.3	188.10	Apr-14	11.35	-2.2	195.65
May-10	10.80	-1.1	186.10	May-14	10.90	-4.0	187.89
Jun-10	10.61	15.7	182.95	Jun-14	10.34	-5.1	178.24
Jul-10	10.86	2.3	187.14	Jul-14	10.16	-1.7	175.21
Aug-10	11.21	3.3	193.23	Aug-14	10.10	-0.6	174.08
Sep-10	11.46	2.2	197.57	Sep-14	9.66	-4.3	166.54
Oct-10	11.51	0.4	198.41	Oct-14	8.77	-9.3	151.13
Nov-10	10.86	-5.6	187.20	Nov-14	8.36	-4.6	144.16
Dec-10	10.72	-1.3	184.79	Dec-14	7.96	-4.9	137.15
Jan-11	10.84	1.1	186.89	Jan-15	8.01	0.7	138.15
Feb-11	11.21	3.4	193.30	Feb-15	8.02	0.1	138.29
Mar-11	12.07	7.6	208.04	Mar-15	8.32	3.7	143.44
Apr-11	13.30	10.2	229.22	Apr-15	9.00	8.2	155.13
May-11	12.01	-9.7	207.04	May-15	8.39	-6.8	144.58
Jun-11	12.25	2.0	211.20	Jun-15	8.01	-4.5	138.12
Jul-11	12.72	3.9	219.34				
Aug-11	12.64	-0.7	217.84				
Sep-11	11.43	-9.6	196.95				
Oct-11	11.09	-3.0	191.10				
Nov-11	10.70	-3.4	184.52				
Dec-11	10.04	-6.2	173.00				

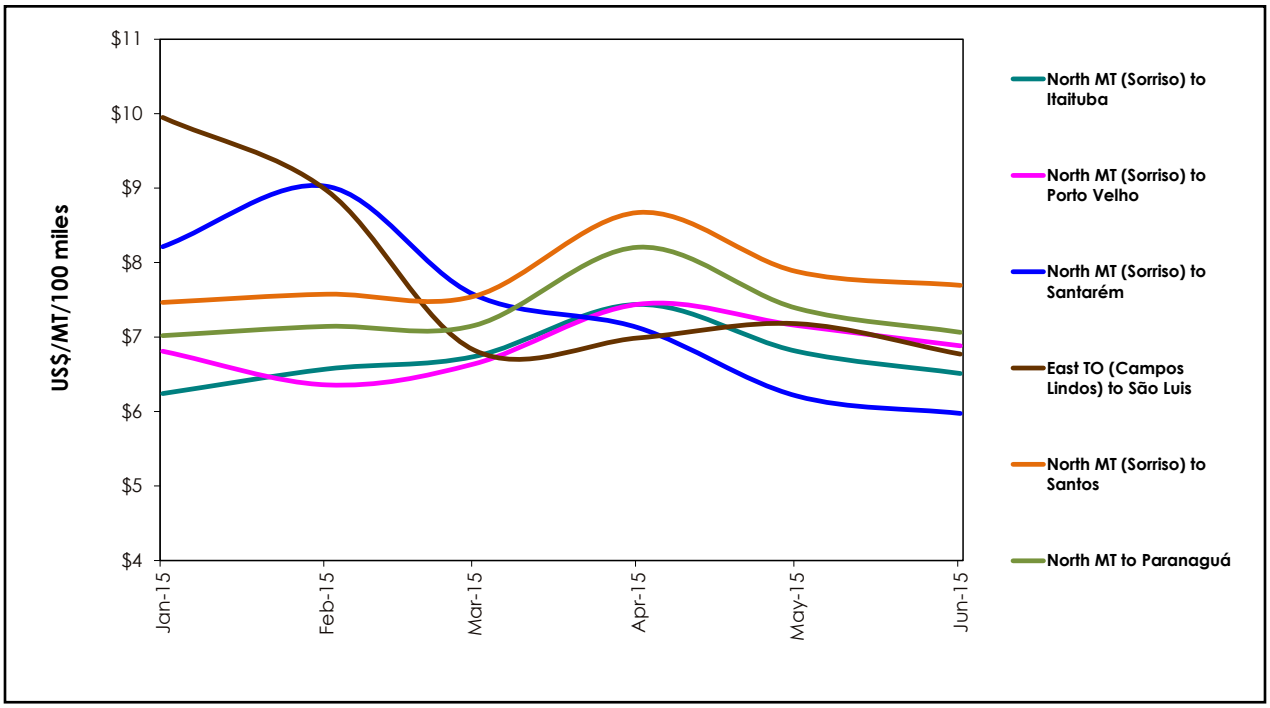
*Weighted average and quoted in US$ per metric ton
Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Figure 3. Truck rates for selected southern Brazilian soybean export transportation route



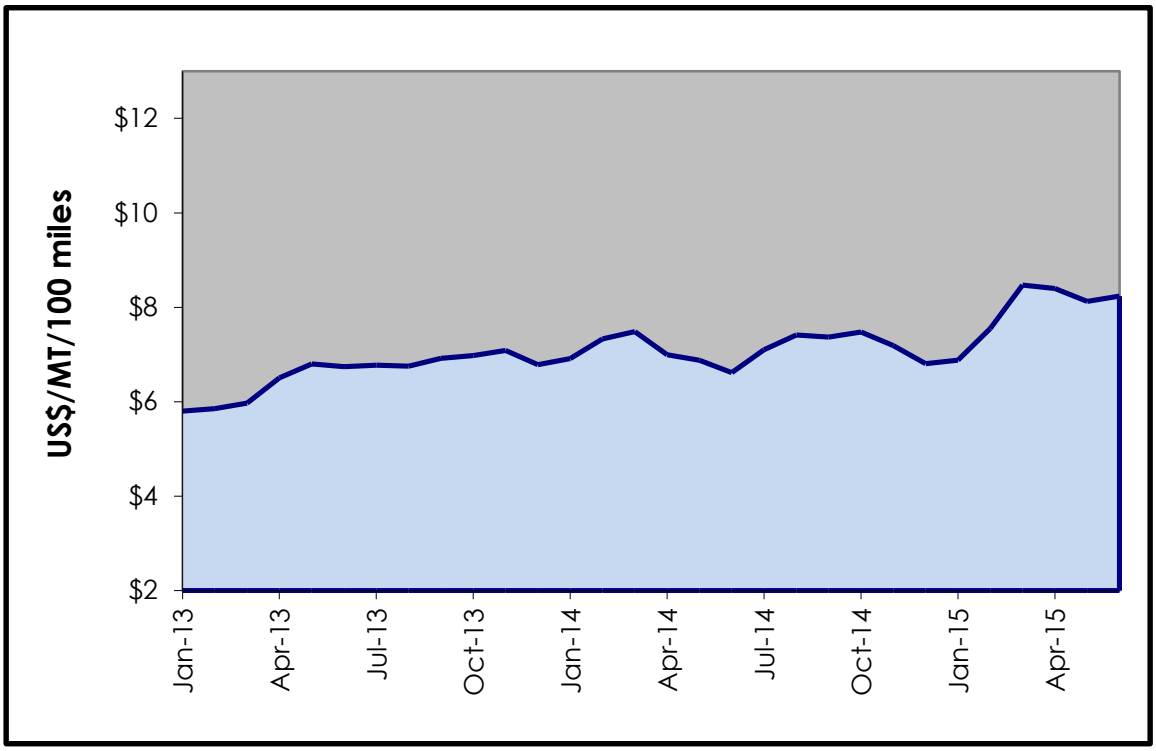
Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Figure 4. Truck rates for selected north and northeastern Brazilian soybean export transportation route



Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Figure 5. Brazilian soybean export truck transportation weighted average prices, 2013/15



Source: ESALQ/USP (University of São Paulo, Brazil) and USDA/AMS

Table 9. Quarterly ocean freight rates for shipping soybeans from selected Brazilian ports to Germany and China (US$/metric ton)*					
Port	**Destination**	**1st qtr 2007**	**2nd qtr 2007**	**3rd qtr 2007**	**4th qtr 2007**
Santos	Germany (Hamburg)	60.40	91.61	59.35	80.67
Paranagua	Germany (Hamburg)	59.40	90.61	53.12	81.08
Rio Grande	Germany (Hamburg)	58.90	90.11	57.85	80.06
Santos	China (Shanghai)	73.32	111.20	72.00	74.81
Paranagua	China (Shanghai)	72.32	110.20	65.50	75.22
Rio Grande	China (Shanghai)	71.82	109.70	70.50	74.20
Port	**Destination**	**1st qtr 2008**	**2nd qtr 2008**	**3rd qtr 2008**	**4th qtr 2008**
Santos	Germany (Hamburg)	57.38	71.08	48.80	32.18
Paranagua	Germany (Hamburg)	58.90	72.68	50.20	33.48
Rio Grande	Germany (Hamburg)	59.36	73.18	50.70	33.98
Santos	China (Shanghai)	64.81	80.27	72.43	64.00
Paranagua	China (Shanghai)	66.53	80.79	74.03	65.30
Rio Grande	China (Shanghai)	67.01	81.27	74.23	65.80
Port	**Destination**	**1st qtr 2009**	**2nd qtr 2009**	**3rd qtr 2009**	**4th qtr 2009**
Santos	Germany (Hamburg)	34.10	34.75	30.00	31.08
Paranagua	Germany (Hamburg)	35.50	35.79	31.55	30.53
Rio Grande	Germany (Hamburg)	35.80	36.20	32.00	31.17
Santos	China (Shanghai)	64.50	66.00	49.00	55.63
Paranagua	China (Shanghai)	65.70	67.30	48.78	54.23
Rio Grande	China (Shanghai)	66.87	67.80	49.50	53.50
Port	**Destination**	**1st qtr 2010**	**2nd qtr 2010**	**3rd qtr 2010**	**4th qtr 2010**
Santos	Germany (Hamburg)	32.25	36.17	34.42	31.67
Paranagua	Germany (Hamburg)	31.83	38.08	36.92	33.50
Rio Grande	Germany (Hamburg)	33.50	39.00	37.08	34.54
Santos	China (Shanghai)	52.33	55.08	58.17	57.79
Paranagua	China (Shanghai)	52.50	58.58	63.10	61.50
Rio Grande	China (Shanghai)	53.00	58.75	63.27	57.83
Port	**Destination**	**1st qtr 2011**	**2nd qtr 2011**	**3rd qtr 2011**	**4th qtr 2011**
Santos	Germany (Hamburg)	34.96	35.00	36.65	32.00
Paranagua	Germany (Hamburg)	33.86	36.00	37.29	32.63
Rio Grande	Germany (Hamburg)	35.43	36.00	37.81	35.22
Santos	China (Shanghai)	50.00	50.05	52.31	49.65
Paranagua	China (Shanghai)	56.25	57.62	59.61	55.80
Rio Grande	China (Shanghai)	50.50	50.60	53.02	50.26

*Correspond to the average actual values negotiated between shippers and carriers and weighted according to the magnitude of the shipped volume
Source: Sistema de Informações de Fretes, SIFRECA, ESALQ/USP (University of São Paulo, Brazil)

(Continued on following page)

Table 9. Quarterly ocean freight rates for shipping soybeans from selected Brazilian ports to Germany and China (continued) (US$/metric ton)*					
Port	**Destination**	**1st qtr 2012**	**2nd qtr 2012**	**3rd qtr 2012**	**4th qtr 2012**
Santos	Germany (Hamburg)	32.00	35.00	32.00	28.00
Paranagua	Germany (Hamburg)	31.58	35.00	34.30	34.30
Rio Grande	Germany (Hamburg)	32.08	36.50	32.00	32.00
Santos	China (Shanghai)	46.62	51.35	50.42	50.42
Paranagua	China (Shanghai)	52.32	57.63	55.42	55.42
Rio Grande	China (Shanghai)	47.92	52.78	49.02	49.02
Port	**Destination**	**1st qtr 2013**	**2nd qtr 2013**	**3rd qtr 2013**	**4th qtr 2013**
Santos	Germany (Hamburg)	30.00	29.00	29.00	30.00
Paranagua	Germany (Hamburg)	30.00	29.00	29.00	30.00
Rio Grande	Germany (Hamburg)	30.00	29.00	29.00	30.00
Santos	China (Shanghai)	52.34	34.50	34.50	42.50
Paranagua	China (Shanghai)	56.03	36.75	36.75	46.00
Rio Grande	China (Shanghai)	51.34	35.25	35.25	44.25
Port	**Destination**	**1st qtr 2014**	**2nd qtr 2014**	**3rd qtr 2014**	**4th qtr 2014**
Santos	Germany (Hamburg)	31.00	30.00	26.00	24.00
Paranagua	Germany (Hamburg)	31.00	30.00	28.00	26.00
Rio Grande	Germany (Hamburg)	31.00	30.00	24.50	22.50
Santos	China (Shanghai)	44.83	38.07	34.00	30.50
Paranagua	China (Shanghai)	47.22	41.13	36.00	32.50
Rio Grande	China (Shanghai)	44.83	38.75	32.50	30.50
Port	**Destination**	**1st qtr 2015**	**2nd qtr 2015**	**3rd qtr 2015**	**4th qtr 2015**
Santos	Germany (Hamburg)	22.00	21.00		
Paranaguá	Germany (Hamburg)	22.00	21.00		
Rio Grande	Germany (Hamburg)	22.00	21.00		
Santarém	Germany (Hamburg)	20.00	14.50		
São Luís	Germany (Hamburg)	20.00	18.25		
Barcarena	Germany (Hamburg)	20.00	16.00		
Santos	China (Shanghai)	29.50	22.50		
Paranagua	China (Shanghai)	31.50	23.50		
Rio Grande	China (Shanghai)	29.50	25.00		
Santarém	China (Shanghai)	32.00	25.00		
São Luís	China (Shanghai)	32.00	25.00		
Barcarena	China (Shanghai)	32.00	25.00		

*Correspond to the average actual values negotiated between shippers and carriers and weighted according to the magnitude of the shipped volume

Source: Sistema de Informações de Fretes, SIFRECA, ESALQ/USP (University of São Paulo, Brazil)

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Data Sets:

- Figure 1: Brazil soybean average monthly exports to China (XLS)
- Figure 3: Truck rates for selected Brazilian soybean export transportation route (XLS)
- Figure 4: Truck rates for selected north and Northeast Brazilian soybean export transportation route (XLS)
- Figure 5: Brazilian soybean export truck transportation weighted average prices, 2013/15 (XLS)
- Table 1: Quarterly costs of transporting from southern Brazilian soybean ports to Shanghai, China (XLS)
- Table 2: Quarterly costs of transporting from southern Brazilian soybean ports to Hamburg, Germany (XLS)
- Table 3: Quarterly costs of transporting Brazilian soybeans from the southern ports to Shanghai, China (XLS)
- Table 4: Quarterly costs of transporting Brazilian soybeans from the southern ports to Hamburg, Germany (XLS)
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- Table 7: Truck rates for selected Brazilian soybean export transportation routes, 2015 (XLS)
- Table 8: Monthly Brazilian soybean export truck transportation cost index (XLS)
- Table 9: Quarterly ocean freight rates for shipping soybeans from selected Brazilian ports to Germany and China (XLS)

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Related Websites:

- Soybean Transportation Guide: Brazil 2014 (PDF)
- Prior Articles: Brazil Soybean Transportation, May 27, 2015 (PDF)
- Related Articles: Grain Transportation Report, June 18, 2015 (PDF)

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