



Appendix A: Existing (2013) & Projected (2040) Rail Commodity Movements in Pennsylvania

North Shore Railroad

Source: SEDA COG

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Table A-1: Existing (2013) Rail Commodity Movements in PA

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
01	Farm Products	1,515,973	19,279	305,420	4,692	3,417,698	49,752	14,832	156	5,253,923	73,879
08	Forest Products	400	40	-	-	3,360	40	-	-	3,760	80
09	Fresh Fish or Marine Products	-	-	-	-	10,320	240	-	-	10,320	240
10	Metallic Ores	3,498,664	35,993	19,440	240	547,200	5,736	-	-	4,065,304	41,969
11	Coal	9,157,485	83,243	27,606,855	248,849	6,924,241	63,531	7,418,422	66,936	51,107,003	462,559
13	Crude Petrol. or Natural Gas	-	-	-	-	388,082	4,015	-	-	388,082	4,015
14	Nonmetallic Minerals	6,901,879	67,106	2,939,526	27,619	2,567,476	26,720	483,268	4,852	12,892,149	126,297
19	Ordnance or Accessories	-	-	-	-	8,800	160	-	-	8,800	160
20	Food or Kindred Products	4,970,292	114,064	585,772	37,448	9,224,911	177,618	3,640	40	14,784,615	329,170
21	Tobacco Products	-	-	-	-	-	-	-	-	-	-
22	Textile Mill Products	8,880	840	2,080	120	34,440	2,680	-	-	45,400	3,640
23	Apparel or Related Products	555,560	54,760	286,520	27,600	346,400	29,960	-	-	1,188,480	112,320
24	Lumber or Wood Products	899,160	15,080	82,880	2,400	2,946,276	37,916	-	-	3,928,316	55,396
25	Furniture or Fixtures	82,880	8,080	21,840	2,000	211,880	20,160	-	-	316,600	30,240
26	Pulp, paper or Allied Products	3,300,800	64,080	333,040	22,400	4,179,480	104,040	73,280	960	7,886,600	191,480
27	Printed Matter	43,560	4,000	51,080	4,360	92,960	5,560	-	-	187,600	13,920
28	Chemicals or Allied Products	2,932,776	45,440	921,599	21,111	6,622,533	88,157	219,336	2,284	10,696,244	156,992
29	Petroleum or Coal Products	420,860	6,200	2,204,374	30,877	1,197,128	15,556	42,260	544	3,864,622	53,177
30	Rubber or Misc. Plastics	129,320	12,160	66,120	6,600	208,160	17,520	-	-	403,600	36,280



Table A-1: Existing (2013) Rail Commodity Movements in PA, cont.

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
31	Leather or Leather Products	800	80	1,200	120	4,400	400	-	-	6,400	600
32	Clay, Concrete, Glass or Stone	1,521,660	17,492	974,860	12,232	2,525,236	30,156	214,486	2,238	5,236,242	62,118
33	Primary Metal Products	1,947,172	23,728	2,493,929	29,291	2,528,624	29,980	1,809,791	19,724	8,779,516	102,723
34	Fabricated Metal Products	133,240	12,960	20,720	1,960	103,680	7,800	-	-	257,640	22,720
35	Machinery	21,720	2,120	30,520	3,000	215,120	9,600	-	-	267,360	14,720
36	Electrical Equipment	144,560	11,760	9,320	960	183,760	11,160	-	-	337,640	23,880
37	Transportation Equipment	774,248	37,176	260,956	8,068	4,393,093	211,586	34,016	1,216	5,462,313	258,046
38	Instruments, Photo & Optical Equipment,	11,320	920	600	80	14,440	1,200	-	-	26,360	2,200
39	Misc. Manufacturing Products	46,440	4,760	29,880	2,880	118,880	12,040	-	-	195,200	19,680
40	Waste or Scrap Materials	1,238,648	13,632	768,376	10,212	6,984,084	77,244	415,128	4,740	9,406,236	105,828
41	Misc. Freight Shipments	35,984	1,296	7,184	516	87,051	6,648	-	-	130,219	8,460
42	Shipping Containers	121,800	10,880	3,056,920	159,800	11,286,880	175,400	20,600	2,120	14,486,200	348,200
43	Mail or Contract Traffic	800	160	8,080	720	400	40	-	-	9,280	920
44	Freight Forwarder Traffic	-	-	240	40	88,800	5,840	-	-	89,040	5,880
45	Shipper Association Traffic	-	-	-	-	-	-	-	-	-	-
46	Misc. Mixed Shipments	3,640,464	344,164	2,145,880	194,400	12,398,080	921,200	4,400	440	18,188,824	1,460,204



Table A-1: Existing (2013) Rail Commodity Movements in PA, cont.

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
47	Small Packaged Freight Shipments	118,120	12,600	-	-	52,120	3,560	-	-	170,240	16,160
48	Waste Nonflammable Compressed Gases	47,680	520	4,400	40	845,339	10,445	-	-	897,419	11,005
49	Hazardous Materials	5,999,281	88,958	2,350,868	55,117	19,809,800	295,721	128,072	1,840	28,288,021	441,636
50	Secondary Traffic	-	-	-	-	-	-	-	-	-	-
60	Unclassified	-	-	-	-	-	-	-	-	0	0
	TOTAL	50,222,426	1,113,571	47,590,479	915,752	100,571,132	2,459,381	10,881,531	108,090	209,265,568	4,596,794

Source: STB 2013 Waybill Processed by HNTB



Table A-2: Projected (2040) Rail Commodity Movements in PA

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
01	Farm Products	2,524,729	29,611	189,075	3,952	5,777,808	79,676	26,217	273	8,517,828	113,512
08	Forest Products	-	-	5	-	14,100	207	-	-	14,105	207
09	Fresh Fish or Marine Products	-	-	36	2	25,706	644	-	-	25,742	645
10	Metallic Ores	4,357,079	44,818	51,759	593	1,555,569	15,534	6,855,072	63,953	5,964,407	60,945
11	Coal	9,736,241	90,456	22,442,839	211,317	10,891,969	100,568	-	-	49,926,121	466,294
13	Crude Petrol. or Natural Gas	24,622	3,145	5,847	76	134,155	1,546	-	-	164,623	4,767
14	Nonmetallic Minerals	9,337,666	95,187	4,569,229	43,961	4,313,982	47,052	1,182,924	12,100	19,403,801	198,300
19	Ordnance or Accessories	18,517	294	13,415	155	33,554	2,324	-	-	65,486	2,773
20	Food or Kindred Products	7,804,901	160,410	784,505	48,413	15,449,328	269,713	12,576	141	24,051,310	478,678
21	Tobacco Products	-	-	-	-	-	-	-	-	-	-
22	Textile Mill Products	8,362	836	1,027	97	45,697	3,412	-	-	55,086	4,345
23	Apparel or Related Products	183,101	17,420	119,021	11,076	233,160	19,982	-	-	535,283	48,478
24	Lumber or Wood Products	2,175,182	39,540	248,093	5,061	7,351,589	96,520	17,926	197	9,792,791	141,318
25	Furniture or Fixtures	147,696	14,655	51,251	5,081	333,775	28,654	-	-	532,722	48,390
26	Pulp, paper or Allied Products	6,163,669	126,601	416,811	25,683	9,356,546	191,860	120,364	1,721	16,057,391	345,865

Table A-2: Projected (2040) Rail Commodity Movements in PA, cont.

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
27	Printed Matter	46,792	4,247	46,030	3,893	99,532	6,718	-	-	192,354	14,858
28	Chemicals or Allied Products	9,786,615	130,154	2,059,827	37,941	31,537,938	390,675	393,194	4,023	43,777,575	562,793
29	Petroleum or Coal Products	919,095	12,422	1,954,333	27,580	3,488,145	46,920	49,393	671	6,410,966	87,593
30	Rubber or Misc. Plastics	294,417	25,714	133,847	13,012	843,760	65,255	-	-	1,272,024	103,981
31	Leather or Leather Products	-	-	-	54	5,531	484	-	-	5,531	538
32	Clay, Concrete, Glass or Stone	3,563,989	37,874	432	18,762	6,131,941	74,975	173,753	1,710	9,870,114	133,321
33	Primary Metal Products	4,463,138	53,834	1,493,834	39,823	6,317,221	82,922	1,253,074	13,557	13,527,267	190,137
34	Fabricated Metal Products	174,574	16,823	3,294,067	5,649	222,645	13,112	12,144	116	3,703,431	35,700
35	Machinery	140,608	12,542	77,695	7,432	723,248	33,685	-	-	941,551	53,659
36	Electrical Equipment	306,324	24,865	119,898	1,162	514,427	37,924	-	-	940,650	63,951
37	Transportation Equipment	1,390,712	66,880	14,765	17,495	7,987,863	376,721	77,628	2,430	9,470,969	463,525
38	Instruments, Photo & Optical Equipment,	43,079	4,064	539,648	139	84,001	6,226	-	-	666,728	10,430
39	Misc. Manufacturing Products	138,148	12,873	2,870	6,466	248,238	25,374	-	-	389,257	44,714



Table A-2: Projected (2040) Rail Commodity Movements in PA, cont.

STCC2	Commodity	Inbound Tons	Inbound Units	Outbound Tons	Outbound Units	Through Tons	Through Units	Within Tons	Within Units	Ton Totals	Unit Totals
40	Waste or Scrap Materials	2,575,651	30,491	62,145	30,680	18,021,102	215,053	1,197,953	14,095	21,856,851	290,319
41	Misc. Freight Shipments	73,830	5,726	2,396,383	2,202	220,817	13,902	22,225	608	2,713,255	22,439
42	Shipping Containers	239,772	26,936	70,469	407,460	3,258,530	454,075	45,205	4,744	3,613,976	893,215
43	Mail or Contract Traffic	7,792	779	3,780,450	405	14,992	1,465	-	-	3,803,233	2,649
44	Freight Forwarder Traffic	69,856	6,387	4,052	5,236	202,663	13,868	-	-	276,571	25,491
45	Shipper Association Traffic	1,892	299	87,752		5,279	299	-	-	94,923	598
46	Misc. Mixed Shipments	6,280,042	585,492	3,542,230	316,873	24,385,900	1,818,342	9,988	999	34,218,161	2,721,706
47	Small Packaged Freight Shipments	167,938	16,964	-	-	61,699	5,633	-	-	229,637	22,597
48	Waste Nonflammable Compressed Gases	56,896	693	32,383	435	1,119,101	11,447	-	-	1,208,381	12,575
49	Hazardous Materials	-	-	-	-	-	-	-	-	-	-
50	Secondary Traffic	-	-	-	-	-	-	-	-	-	-
60	Unclassified	-	-	-	-	-	-	-	-	-	-
	TOTAL	73,222,924	1,699,034	48,606,025	1,298,165	161,011,511	4,552,767	11,449,636	121,340	294,290,097	7,671,307

Source: PA On Track, STB 2011 Waybill Processed by IHS Transsearch

Table A-3: 2013 Total Traffic

	Inbound	Outbound	Through	Internal
Tons	50,222,246	47,590,479	100,571,132	10,881,531
Units	1,113,571	915,752	2,459,381	108,090

Source: STB 2013 Waybill Processed by HNTB

Table A-4: 2040 Projected Total Traffic

	Inbound	Outbound	Through	Internal
Tons	73,222,924	48,606,025	161,011,511	11,394,444
Units	1,699,034	1,298,165	4,552,767	121,340

Source: PA On Track, STB 2011 Waybill Processed by IHS Transearch

Table A-5: 2013 Top Commodities by Tons

Commodity	Tons
Coal	51,107,003
Hazardous Materials	28,288,021
Misc. Mixed Shipments	18,188,824
Food or Kindred Products	14,784,615
Shipping Containers	14,486,200
Nonmetallic Minerals	12,892,149
All Other Commodities	69,518,756

Source: STB 2013 Waybill Processed by HNTB

Table A-6: 2013 Top Commodities by Units

Commodity	Units
Misc. Mixed Shipments	1,460,204
Coal	462,559
Hazardous Materials	441,636
Shipping Containers	348,200
Food or Kindred Products	329,170
Transportation Equipment	258,046
All Other Commodities	1,296,979

Source: STB 2013 Waybill Processed by HNTB

Table A-7: 2013 Top Inbound Commodities by Tons

Commodity	Tons
Coal	9,157,485
Nonmetallic Minerals	6,901,879
Hazardous Materials	5,999,281
Food or Kindred Products	4,970,292
Misc. Mixed Shipments	3,640,464
Metallic Ores	3,498,664
All Other Commodities	16,054,361

Source: STB 2013 Waybill Processed by HNTB



Table A-8: 2013 Top Inbound Commodities by Units

Commodity	Units
Misc. Mixed Shipments	344,164
Food or Kindred Products	114,064
Hazardous Materials	88,958
Coal	83,243
Nonmetallic Minerals	67,106
Pulp, Paper, or Allied Products	64,080
All Other Commodities	351,956

Source: STB 2013 Waybill Processed by HNTB

Table A-9: 2013 Top Outbound Commodities by Tons

Commodity	Tons
Coal	27,606,855
Shipping Containers	3,056,920
Nonmetallic Minerals	2,939,526
Primary Metal Products	2,493,929
Hazardous Materials	2,350,868
Petroleum or Coal Products	2,204,374
All Other Commodities	6,938,007

Source: STB 2013 Waybill Processed by HNTB

Table A-10: 2013 Top Outbound Commodities by Units

Commodity	Units
Coal	248,849
Misc. Mixed Shipments	194,400
Shipping Containers	159,800
Hazardous Materials	55,117
Food or Kindred Products	37,448
Petroleum or Coal Products	30,877
All Other Commodities	189,261

Source: STB 2013 Waybill Processed by HNTB

Table A-11: 2013 Top Through Commodities by Tons

Commodity	Tons
Hazardous Materials	19,809,800
Misc. Mixed Shipments	12,398,080
Shipping Containers	11,286,880
Food or Kindred Products	9,224,911
Waste or Scrap Materials	6,984,084
Coal	6,924,241
All Other Commodities	33,943,136

Source: STB 2013 Waybill Processed by HNTB

Table A-12: 2013 Top Through Commodities by Units

Commodity	Units
Misc. Mixed Shipments	921,200
Hazardous Materials	295,721
Transportation Equipment	211,586
Food or Kindred Products	177,618
Shipping Containers	175,400
Pulp, Paper, or Allied Products	104,040
All Other Commodities	573,816

Source: STB 2013 Waybill Processed by HNTB

Table A-13: 2013 Top Internal Commodities by Tons

Commodity	Tons
Coal	7,418,422
Primary Metal Products	1,809,791
Nonmetallic Minerals	483,268
Waste or Scrap Materials	415,128
Chemical or Allied Products	219,336
Pulp, Paper or Allied Products	214,486
All Other Commodities	321,100

Source: STB 2013 Waybill Processed by HNTB

Table A-14: 2013 Top Internal Commodities by Units

Commodity	Units
Coal	66,936
Primary Metal Products	19,724
Nonmetallic Minerals	4,852
Waste or Scrap Materials	4,740
Chemicals or Allied Products	2,284
Clay, Concrete, Glass or Stone	2,238
All Other Commodities	7,316

Source: STB 2013 Waybill Processed by HNTB



Table A-15: Top 10 Destination States for Outbound Tonnage 2013

Destination State	Tons
Maryland	14,621,276
Illinois	4,503,778
Ohio	3,833,107
North Carolina	3,771,067
South Carolina	2,624,290
Virginia	2,253,866
Indiana	2,147,406
Delaware	1,932,271
New Jersey	1,428,284
New York	1,309,725

Source: STB 2013 Waybill Processed by HNTB

Table A-16: Top 10 Destination States for Outbound Units 2013

Destination State	Units
Illinois	277,084
Maryland	133,613
Ohio	65,329
Georgia	46,828
Missouri	42,020
North Carolina	41,520
Indiana	30,933
Tennessee	29,840
Virginia	28,904
New Jersey	23,627

Source: STB 2013 Waybill Processed by HNTB

Table A-17: Top 10 Rail Freight Generating Counties by Outbound Tonnage 2013

Origin County	Tons
Greene County, PA	25,197,251
Allegheny County, PA	4,686,739
Dauphin County, PA	3,357,996
Somerset County, PA	3,161,232
Bucks County, PA	2,046,659
Franklin County, PA	1,894,257
Clearfield County, PA	1,866,600
Philadelphia County, PA	1,356,816
Adams County, PA	1,339,672
Beaver County, PA	1,312,159

Source: STB 2013 Waybill Processed by HNTB

Table A-18: Top 10 Rail Freight Generating Counties by Outbound Units 2013

Origin County	Units
Dauphin County, PA	286,992
Greene County, PA	222,122
Allegheny County, PA	90,846
Bucks County, PA	90,374
Northampton County, PA	65,992
Franklin County, PA	39,684
Philadelphia County, PA	32,240
Somerset County, PA	30,498
Clearfield County, PA	18,022
Beaver County, PA	13,308

Source: STB 2013 Waybill Processed by HNTB

Table A-19: Top 10 Origin States by Inbound Tonnage, 2013

Origin State	Tons
Illinois	11,452,556
Ohio	8,659,169
West Virginia	7,809,080
North Dakota	2,133,996
New York	1,859,657
Michigan	1,625,931
Indiana	1,437,117
Wisconsin	1,236,020
Georgia	1,208,052
Louisiana	964,400

Source: STB 2013 Waybill Processed by HNTB

Table A-20: Top 10 Origin States by Inbound Units, 2013

Origin State	Units
Illinois	439,637
Ohio	93,753
West Virginia	71,944
Georgia	64,108
Missouri	62,160
Tennessee	45,904
California	32,036
Texas	29,004
Michigan	27,478
Indiana	24,692

Source: STB 2013 Waybill Processed by HNTB

