

Relations														
from	to	Consignments	Consignments-km	Average	Average	Gross	Tonnes-km							
Country	Country			Distance	Weight	Weight		Techniques, repartition consignments (% of 1)						
		C	S*km		t/C	t	1.000 tkm	Semi-trailer	ISO container (short)	ISO container (long)	Non ISO container (short)	Non ISO container (long)	Rola	
		1	2	3=2/1	4=5/1	5	6=2*4	7	8a	9a	8b	9b	10	
AT	BE	115	194,201	1,688.7	13.5	1,548	2,614	4%	15.0%	80.0%	0%	1%		
BE	AT	474	140,848	297.1	26.6	12,613	3,748	0%	23.0%	56.0%	20%	1%		
AT	BG	3	3,771	1,257.0	30.0	90	113	0%	97.0%	0.0%	3%	0%		
BG	AT	1	1,257	1,257.0	2.9	3	4	0%	91.0%	5.0%	3%	1%		
AT	CN	137	1,644,000	12,000.0	17.0	2,329	27,948		25.0%	25.0%	25%	25%		
CN	AT	137	1,644,137	12,001.0	17.0	2,329	27,950		25.0%	25.0%	25%	25%		
AT	DE	25,704	13,479,382	524.4	18.1	466,273	260,853	0%	27%	31%	21%	21%		
DE	AT	26,528	19,501,822	735.1	18.0	476,691	356,866	0%	27%	31%	21%	21%		
AT	GR	1,015	1,773,205	1,747.0	22.0	22,330	39,011	9%		91.0%				
GR	AT	1,120	1,956,640	1,747.0	24.0	26,880	46,959	0%		100.0%				
AT	HR	1,007	302,100	300.0	17.0	17,119	5,136		25.0%	25.0%	25%	25%		
AT	HU	15,486	5,683,113	367.0	16.1	249,628	94,608	1%	8%	77%	7%	7%		
HU	AT	19,658	7,310,898	371.9	14.5	284,272	106,199	1%	11%	69%	10%	10%		
AT	IT	47,079	25,988,558	552.0	22.4	1,054,911	622,801	7%	23%	42%	10%	10%		
IT	AT	28,221	22,904,899	811.6	23.2	655,658	522,136	3%	15%	39%	15%	15%		
AT	NL	8,964	10,809,267	1,205.9	22.5	201,376	244,480	3%	17%	69%	5%	6%		
NL	AT	8,562	10,299,015	1,202.9	23.6	202,410	243,066	3%	19%	66%	5%	6%		
AT	RO	6,192	4,888,160	789.4	28.3	175,142	138,708	35%	9%	55%	0%	0%		
RO	AT	6,000	4,684,995	780.8	4.6	27,750	21,044	36%	9%	55%	0%	0%		
AT	RS	15	10,125	675.0	10.9	163	110	0%	25.0%	74.0%	1%	0%		
RS	AT	31	20,925	675.0	3.4	105	71	0%	26.0%	74.0%	0%	0%		
AT	RU	133	266,000	2,000.0	17.0	2,261	4,522		25.0%	25.0%	25%	25%		
AT	SI	12,415	4,764,432	383.8	26.9	333,770	120,022	0%	6%	16%	4%	4%		
SI	AT	11,778	3,857,051	327.5	26.4	311,214	104,477	0%	5%	16%	2%	2%		
AT	TR	3,118	5,394,943	1,730.3	22.8	71,212	123,157	0%	1%	98%	0%	1%		
TR	AT	3,541	6,136,143	1,732.9	15.7	55,693	96,805	0%	1%	98%	0%	1%		
BE	BG	44	21,401	486.4	28.7	1,261	613	0%	100.0%	0.0%	0%	0%		
BG	BE	45	110,336	2,451.9	7.6	344	843	0%	100.0%	0.0%	0%	0%		
BE	CH	8,196	5,774,599	704.6	24.5	200,474	141,247	0%	64.0%	34.0%	1%	1%		
CH	BE	9,015	6,374,909	707.1	12.5	112,507	79,559	0%	63.0%	35.0%	1%	1%		
BE	DE	12,410	5,694,479	458.9	24.7	306,155	140,483	1%	65.0%	32.0%	1%	1%		
DE	BE	27,575	17,528,355	635.7	9.4	260,447	159,846	0%	36%	63%	1%	0%		
BE	ES	8,944	12,991,056	1,452.5	28.1	250,879	364,399	1%	72.0%	25.0%	1%	1%		
ES	BE	6,993	12,867,777	1,840.1	20.7	144,965	266,749	0%	71.0%	27.0%	1%	1%		
BE	FR	21,005	18,412,955	876.6	21.5	450,594	420,625	21%	42%	38%	0%	0%		
FR	BE	19,680	18,367,021	933.3	21.9	430,847	410,317	17%	42%	41%	0%	0%		
BE	HU	573	600,627	1,048.2	19.0	10,869	10,736	0%	43%	21%	18%	17%		
HU	BE	551	510,953	927.3	19.5	10,719	9,120	0%	39%	29%	17%	16%		
BE	IT	93,608	100,887,198	1,077.8	27.1	2,534,405	2,735,010	19%	19%	33%	8%	21%		
IT	BE	80,422	91,075,722	1,132.5	22.3	1,794,577	2,025,884	18%	19%	37%	7%	19%		
BE	LU	7,363	2,326,708	316.0	22.0	161,986	51,188		53%	47%				
LU	BE	6,831	2,158,596	316.0	12.0	81,972	25,903		47%	53%				
BE	NL	856	153,102	178.9	8.9	7,576	1,355	0%	69.0%	30.0%	1%	0%		
NL	BE	2,195	254,904	116.2	27.5	60,439	7,019	0%	62.0%	37.0%	1%	0%		
BE	PL	631	169,481	268.6	26.9	16,961	4,556	0%	25.0%	75.0%	0%	0%		
PL	BE	676	783,416	1,158.9	21.4	14,439	16,734	0%	14.0%	86.0%	0%	0%		
BE	RO	6,004	11,466,311	1,909.8	19.5	117,341	220,559	0%	18%	40%	18%	24%		
RO	BE	5,477	11,053,472	2,018.2	15.4	84,518	172,355	0%	18%	41%	18%	23%		
BE	RS	77	32,393	420.7	31.5	2,426	1,020	0%	100.0%	0.0%	0%	0%		
RS	BE	16	21,627	1,351.7	7.1	113	153	0%	95.0%	0.0%	5%	0%		
BE	TR	98	30,543	311.7	20.0	1,960	611	0%	0.0%	100.0%	0%	0%		
TR	BE	12	21,976	1,831.3	10.7	128	235	0%	50.0%	50.0%	0%	0%		

BG	DE	82	197,682	2,410.8	8.5	698	1,682	0%	88.0%	7.0%	4%	1%
DE	BG	130	116,898	899.2	28.1	3,650	3,282	0%	98.0%	0.0%	2%	0%
BG	NL	5	12,570	2,514.0	8.1	40	102	0%	100.0%	0.0%	0%	0%
BG	TR	4	1,616	404.0	4.5	18	7	0%	0.0%	100.0%	0%	0%
CH	DE	6,054	4,379,829	723.5	8.8	53,396	38,630	2%	64.0%	29.0%	2%	3%
DE	CH	2	2,348	1,174.0	8.3	17	19	3%	57.0%	30.0%	5%	5%
CH	IT	3,062	833,404	272.2	17.6	53,891	14,668	79%	11.0%	7.0%	3%	0%
IT	CH	5,111	1,396,512	273.2	27.2	138,917	37,957	49%	29.0%	19.0%	2%	1%
CH	NL	1,993	2,078,556	1,042.9	16.3	32,386	33,777	0%	78.0%	22.0%	0%	0%
NL	CH	18,383	13,542,664	736.7	21.4	393,792	290,026	0%	42%	58%	0%	0%
CH	NO	1	1,098	1,098.0	6.8	7	7	0%	100.0%	0.0%	0%	0%
CZ	DE	15,805	10,937,922	692.1	17.4	275,081	190,780	2%	25%	24%	24%	24%
DE	CZ	15,822	16,310,324	1,030.9	17.0	269,483	277,660	2%	25%	25%	24%	24%
CZ	PL	3,549	3,052,140	860.0	17.0	60,333	51,886		25.0%	25.0%	25%	25%
PL	CZ	3,753	2,085,774	555.8	16.7	62,781	34,789	0%	29%	24%	24%	24%
CZ	SI	5,078	4,280,781	843.0	5.3	26,857	22,305	0%	2%	98%	0%	0%
SI	CZ	5,049	4,297,759	851.2	17.0	86,045	73,242		2.0%	98.0%		
DE	CN	3,198	1,436,709	449.3	12.1	38,600	17,341	0%	0.0%	100.0%	0%	0%
DE	ES	68	18,330	269.6	24.0	1,629	439	3%	21.0%	76.0%	0%	0%
ES	DE	107	151,619	1,417.0	27.8	2,969	4,207	0%	99.0%	1.0%	0%	0%
DE	FR	3,633	4,868,220	1,340.0	20.9	75,930	101,746	81%	0.2%	18.6%	0%	0%
FR	DE	4,536	5,575,595	1,229.2	21.5	97,725	118,386	74%	10%	16%	0%	0%
DE	HU	15,808	18,959,771	1,199.4	21.6	341,663	410,297	51%	16%	17%	8%	8%
HU	DE	15,702	16,625,526	1,058.8	22.5	353,095	388,004	52%	16%	18%	8%	7%
DE	IT	216,022	157,145,346	727.5	24.7	5,327,865	3,663,429	27%	16%	24%	7%	8%
IT	DE	315,577	275,089,101	871.7	25.2	7,950,981	6,811,131	33%	14%	14%	13%	15%
DE	LT	2,805	4,768,500	1,700.0	20.0	56,100	95,370	98%	1.0%	1.0%		
LT	DE	2,467	4,193,900	1,700.0	20.0	49,340	83,878	98%	1.0%	1.0%		
DE	LU	9,078	7,239,870	797.5	28.1	254,760	203,161	99%	1%	0%	0%	0%
LU	DE	8,758	7,144,411	815.8	25.0	218,950	178,610	98%	2%	0%	0%	0%
DE	NL	66,523	38,896,743	584.7	17.2	1,147,373	671,440	0%	39%	60%	0%	1%
NL	DE	25,049	16,050,691	640.8	18.8	470,034	292,031	1%	38%	59%	0%	2%
DE	PL	13,067	11,115,829	850.7	21.2	276,520	240,065	8%	2%	57%	32%	0%
PL	DE	16,513	13,709,183	830.2	13.1	215,878	183,307	6%	2%	59%	34%	0%
DE	RO	14,803	20,188,336	1,363.8	23.0	341,202	466,422	39%	1%	59%	1%	1%
RO	DE	14,544	20,285,166	1,394.7	18.1	263,832	360,840	38%	1%	60%	1%	1%
DE	RS	47	48,188	1,025.3	27.0	1,269	1,301	0%	45.0%	55.0%	0%	0%
RS	DE	55	55,858	1,015.6	7.8	428	435	0%	90.0%	0.0%	10%	0%
DE	SE	23,090	30,746,317	1,331.6	24.0	554,208	737,957	51%	6%	43%	0%	0%
SE	DE	27,252	35,386,301	1,298.5	22.2	604,667	793,657	44%	14%	41%	1%	1%
DE	SI	7,136	5,160,000	723.1	20.1	143,568	97,268	0%	43%	23%	17%	17%
SI	DE	7,886	5,806,431	736.3	13.1	102,962	85,368	0%	46%	23%	15%	15%
DE	TR	5,105	8,114,419	1,589.5	19.5	99,325	149,883	0%	20%	42%	17%	22%
TR	DE	5,590	11,916,822	2,131.8	18.4	102,752	217,350	0%	18%	48%	15%	18%
DK	IT	3,695	5,181,900	1,402.4	26.0	95,885	134,470	59%	29.0%	5.0%	1%	6%
IT	DK	3,712	5,220,750	1,406.5	29.2	108,428	152,498	62%	23.0%	6.0%	5%	4%
ES	FR	2,327	767,910	330.0	18.0	41,886	13,822		10.0%	90.0%		
FR	ES	1,846	788,242	427.0	28.0	51,688	22,071		7.0%	93.0%		
ES	IT	4	8,502	2,125.5	23.0	92	195	0%	86.0%	14.0%	0%	0%
IT	ES	2	2,208	1,104.0	25.1	50	55	0%	0.0%	50.0%	0%	50%
ES	PL	5	7,085	1,417.0	26.6	133	188	0%	0.0%	100.0%	0%	0%
PL	ES	12	12,960	1,080.0	29.8	357	386	0%	0.0%	100.0%	0%	0%
FR	IT	19,857	19,319,834	972.9	26.6	527,652	515,042	10%	2%	45%	14%	27%
IT	FR	20,901	20,453,467	978.6	20.2	422,041	417,136	14%	2%	45%	13%	27%
FR	LU	107,639	102,477,848	952.1	25.1	2,698,582	2,622,370	71%	26%	3%	0%	0%
LU	FR	9,143	4,027,412	440.5	27.7	253,353	111,103	49%	16%	34%	0%	0%
GR	CZ	37	59,200	1,600.0	17.0	629	1,006		25.0%	25.0%	25%	25%

GR	HU	4,886	5,374,600	1,100.0	17.0	83,062	91,368		25.0%	25.0%	25%	25%	
HU	GR	3,662	4,031,862	1,101.0	17.0	62,254	68,542		25.0%	25.0%	25%	25%	
GR	SK	3,983	5,377,050	1,350.0	17.0	67,711	91,410		25.0%	25.0%	25%	25%	
SK	GR	3,983	4,699,940	1,180.0	17.0	67,711	79,899		25.0%	25.0%	25%	25%	
HR	HU	6,716	4,580,312	682.0	17.0	114,172	77,865		25.0%	25.0%	25%	25%	
HU	HR	5,559	3,785,679	681.0	17.0	94,503	64,357		25.0%	25.0%	25%	25%	
HR	SK	203	61,103	301.0	17.0	3,451	1,039		25.0%	25.0%	25%	25%	
SK	HR	203	101,703	501.0	17.0	3,451	1,729		25.0%	25.0%	25%	25%	
HU	BG	4	810	270.0	25.8	103	23	0%	75%	0%	0%	25%	
HU	IT	35,379	32,216,322	910.6	16.9	598,170	543,173	0%	24%	51%	13%	13%	
IT	HU	20,285	21,204,736	1,045.3	17.2	349,908	367,350	0%	24%	27%	24%	24%	
HU	MK	29	23,258	802.0	17.0	493	395		25.0%	25.0%	25%	25%	
HU	NL	2,685	836,007	311.4	18.0	48,346	15,009	0%	23%	76%	0%	0%	
NL	HU	3,290	4,827,283	1,467.3	20.4	67,025	98,340	0%	22%	77%	0%	0%	
HU	RO	12	3,240	270.0	19.8	238	64	0%	21.0%	79.0%	0%	0%	
RO	HU	67	71,699	1,070.1	4.6	308	330	0%	14.0%	86.0%	0%	0%	
HU	RS	591	270,678	458.0	17.0	10,047	4,602		25.0%	25.0%	25%	25%	
RS	HU	588	266,160	452.7	16.8	9,856	4,440	0%	25%	26%	25%	24%	
HU	SI	10,845	6,853,391	631.9	11.2	120,980	74,622	0%	25%	61%	7%	7%	
SI	HU	16,225	8,480,768	522.7	17.3	281,440	148,087	0%	28%	53%	10%	10%	
HU	SK	85	23,630	278.0	17.0	1,445	402		25.0%	25.0%	25%	25%	
SK	HU	536	201,000	375.0	17.0	9,112	3,417		25.0%	25.0%	25%	25%	
HU	TR	4,683	5,776,833	1,233.6	17.0	79,411	97,926	0%	25%	25%	25%	25%	
TR	HU	4,876	5,975,346	1,225.5	17.0	82,857	101,516	0%	25%	25%	25%	25%	
HU	UA	1,334	1,530,098	1,147.0	17.0	22,678	26,012		25.0%	25.0%	25%	25%	
UA	HU	848	956,544	1,128.0	17.0	14,416	16,261		25.0%	25.0%	25%	25%	
IT	LU	9,360	10,642,320	1,137.0	21.0	196,560	223,489	94%	0%	6%	0%	0%	
LU	IT	24,980	26,230,796	1,050.1	21.4	535,330	562,602	47%	51%	3%	0%	0%	
IT	NL	75,477	87,292,466	1,156.5	23.4	1,768,084	2,043,100	16%	21%	39%	9%	15%	
NL	IT	89,954	93,635,375	1,040.9	26.1	2,352,103	2,449,560	16%	23%	38%	9%	14%	
IT	PL	893	1,125,180	1,260.0	11.7	10,461	13,180		3.0%	97.0%			
PL	IT	1,419	1,793,862	1,264.2	35.8	50,837	64,162	0%	0%	8%	90%	2%	
IT	RO	29	17,023	587.0	25.0	725	426	0%	0.0%	64.0%	0%	36%	
RO	IT	1	1,042	1,042.0	31.3	31	33	0%	100.0%	0.0%	0%	0%	
IT	SE	2,268	1,949,805	859.7	29.0	65,772	56,544	62%	23.0%	6.0%	5%	4%	
SE	IT	1,922	2,416,752	1,257.4	13.2	25,313	31,829	0%	81.0%	13.0%	6%	0%	
IT	SI	441	335,712	761.3	22.8	3,582	2,625	0%	5%	84%	5%	5%	
SI	IT	133	56,183	422.4	16.7	2,224	942	0%	17%	47%	17%	18%	
KZ	AT	133	598,500	4,500.0	17.0	2,261	10,175		25.0%	25.0%	25%	25%	
LU	NL	444	662,004	1,491.0	27.0	11,988	17,874	90%	5%	5%			
NL	LU	413	615,783	1,491.0	21.0	8,673	12,931	88%	4%	8%			
LU	PL	5,058	5,371,596	1,062.0	25.0	126,450	134,290	74%	23%	3%			
PL	LU	5,089	5,404,518	1,062.0	20.0	101,780	108,090	80%	5%	15%			
LU	TR	2,183	5,562,284	2,548.0	16.0	34,928	88,997	1%		99%			
TR	LU	2,299	5,857,852	2,548.0	16.0	36,784	93,726	1%		99%			
NL	ES	29	3,306	116.0	27.6	799	91	0%	6.0%	94.0%	0%	0%	
NL	FR	24	24,456	1,019.0	27.6	662	676	0%	92%	0%	8%	0%	
NL	PL	35,642	42,920,343	1,204.2	28.2	1,003,346	1,205,814	0%	0%	37%	62%	0%	
PL	NL	36,192	43,572,430	1,203.9	18.9	682,496	821,619	0%	0%	36%	63%	0%	
NL	RO	1,279	1,665,216	1,302.0	26.9	34,391	44,776	0%	2.0%	92.0%	2%	4%	
RO	NL	1,021	1,300,375	1,273.6	15.6	15,938	20,299	0%	0.0%	60.0%	0%	40%	
NL	RS	199	219,820	1,104.6	26.0	5,175	5,716	0%	12.0%	88.0%	0%	0%	
RS	NL	218	152,050	697.5	3.1	685	477	0%	26.0%	74.0%	0%	0%	
NL	TR	750	952,531	1,270.9	25.9	19,415	24,658	0%	0.0%	87.0%	0%	13%	
TR	NL	438	810,678	1,850.9	20.9	9,132	16,903	0%	3.0%	74.0%	0%	23%	
NO	DE	59	34,311	581.5	3.3	195	113	0%	10.0%	90.0%	0%	0%	
PL	AT	1	1,087	1,087.0	10.7	11	12	0%	0.0%	100.0%	0%	0%	

PL	SI	1,112	1,161,576	1,044.6	9.7	6,423	6,638	0%	15%	85%	0%	0%
SI	PL	2,613	3,176,842	1,215.8	16.5	43,067	49,671	0%	15%	85%	0%	0%
PL	SK	87	46,545	535.0	17.0	1,479	791		25.0%	25.0%	25%	25%
SK	PL	87	43,413	499.0	17.0	1,479	738		25.0%	25.0%	25%	25%
PL	TR	2	2,174	1,087.0	12.7	25	28	0%	0.0%	100.0%	0%	0%
TR	PL	1	1,836	1,836.0	16.6	17	30	0%	0.0%	100.0%	0%	0%
RO	TR	4,519	3,389,250	750.0	17.0	76,823	57,617		25.0%	25.0%	25%	25%
TR	RO	4,519	2,711,400	600.0	17.0	76,823	46,094		25.0%	25.0%	25%	25%
RS	IT	700	524,226	748.9	16.8	11,786	8,827	1%	17%	81%	0%	0%
RS	SI	511	368,957	722.0	6.6	3,381	2,441		75.0%	25.0%		
SI	RS	449	324,326	722.3	4.4	1,972	1,424		75.0%	25.0%		
RU	SK	2,716	4,117,360	1,516.0	17.0	46,172	69,995	0%	25%	25%	25%	25%
SK	RU	2,052	3,490,452	1,701.0	17.0	34,884	59,338		25.0%	25.0%	25%	25%
SE	CH	2	1,966	983.0	28.5	57	56	0%	50.0%	50.0%	0%	0%
SE	ES	1	983	983.0	28.1	28	28	0%	100.0%	0.0%	0%	0%
SI	SK	21,478	12,035,536	560.4	16.7	358,767	199,449	0%	17%	54%	15%	15%
SK	SI	21,218	11,719,859	552.4	12.2	258,719	117,634	0%	16%	54%	15%	15%
SK	RS	664	333,328	502.0	17.0	11,288	5,667		25.0%	25.0%	25%	25%
SK	TR	2,804	4,528,460	1,615.0	17.0	47,668	76,984		25.0%	25.0%	25%	25%
TR	SK	2,918	4,199,002	1,439.0	17.0	49,606	71,383		25.0%	25.0%	25%	25%
UA	SI	34	54,366	1,599.0	17.0	578	924		25.0%	25.0%	25%	25%
Total		2,122,605				46,794,786	42,724,675					