

Appendix-2: Traffic Data

Appendix-2-1: Traffic Count Data and Converted PCU

1. Summary of Counted Vehicles Number and PCU Number

Summary of Counted Vehicles Number

Unit: Vehicle

Time	Ninh Tiép			Cat Hai			Ben Got		
	To Cat Ba Direction	To Dinh Vu Direction	Total	To Cat Ba Direction	To Dinh Vu Direction	Total	To Cat Ba Direction	To Dinh Vu Direction	Total
6:00-7:00	12	89	101	66	76	142	47	72	119
7:00-8:00	85	53	138	84	45	129	62	21	83
8:00-9:00	31	21	52	42	40	82	36	35	71
9:00-10:00	53	16	69	72	34	106	45	31	76
10:00-11:00	31	11	42	47	21	68	19	18	37
11:00-12:00	23	21	44	32	19	51	24	39	63
12:00-13:00	0	15	15	28	34	62	9	0	9
13:00-14:00	46	28	74	56	79	135	26	53	79
14:00-15:00	28	35	63	45	35	80	18	19	37
15:00-16:00	27	28	55	69	47	116	53	24	77
16:00-17:00	23	40	63	67	61	128	32	38	70
17:00-18:00	86	0	86	76	54	130	24	30	54
12hr Total	445	357	802	684	545	1229	395	380	775

Summary of PCU Number

Unit: pcu

Time	Ninh Tiép			Cat Hai			Ben Got		
	To Cat Ba Direction	To Dinh Vu Direction	Total	To Cat Ba Direction	To Dinh Vu Direction	Total	To Cat Ba Direction	To Dinh Vu Direction	Total
6:00-7:00	3	24	27	22	31	53	12	31	43
7:00-8:00	55	33	88	53	10	63	39	7	46
8:00-9:00	20	6	26	29	12	41	17	10	27
9:00-10:00	18	5	23	30	11	41	15	9	24
10:00-11:00	25	5	30	27	10	37	8	7	15
11:00-12:00	11	21	32	11	12	23	20	30	50
12:00-13:00	0	9	9	7	11	18	3	0	3
13:00-14:00	23	18	41	25	26	51	13	26	39
14:00-15:00	27	17	44	19	12	31	5	7	12
15:00-16:00	14	21	35	30	27	57	34	20	54
16:00-17:00	15	29	44	21	25	46	8	18	26
17:00-18:00	23	0	23	31	14	45	17	8	25
12hr Total	234	188	422	305	201	506	191	173	364
24hr	281	226	507	366	241	607	229	208	437
D value	55.5%	44.5%		60.3%	39.7%		52.5%	47.5%	

2. Manual Classified Counts Vehicle and PCU

2.1. Ninh Tiep (Dinh Vu side ferry terminal)

DATE	27/04/2010						Investigator name						Dương Văn Tác		
LOCATION	Ninh Tiếp														
Time	Counted Vehicle Number							Counted Vehicle Number							Total Movement
	To Cat Ba Direction							To Dinh Vu Direction							
	1	2	3	4	5	6	Total	1	2	3	4	5	6	Total	
6:15	0.2	0.3	1.0	2.0	2.5	4.0	0	0.2	0.3	1.0	2.0	2.5	4.0	0	57
6:30	2	4					6	44	12					20	26
6:45		4					4		8					8	12
7:00		2					2		4					4	6
Hourly Total	2	10	0	0	0	0	12	44	44	0	1	0	0	89	101
pcu/hr	0	3	0	0	0	0	3	9	13	0	2	0	0	24	27
7:15		3					3	4	12		8	1		25	28
7:30	2	26	1	14			43	6	14					20	63
7:45	1	2					3	1	3		1			5	8
8:00	1	31	2	2			36	2	1					3	39
Hourly Total	4	62	3	16	0	0	85	11	31	1	9	1	0	53	138
pcu/hr	1	19	3	12	0	0	55	2	9	1	18	3	0	33	38
8:15							0		4					4	4
8:30							0	1	13					14	14
8:45							0	1	1					2	2
9:00	4	21		5	1		31		1					1	32
Hourly Total	4	21	0	5	1	0	31	2	19	0	0	0	0	21	52
pcu/hr	1	6	0	10	3	0	20	0	6	0	0	0	0	6	6
9:15							0		5					5	5
9:30							0		5					5	5
9:45							0		5					5	5
10:00	10	40	2	1			53		1					1	54
Hourly Total	10	40	2	1	0	0	53	0	16	0	0	0	0	16	69
pcu/hr	2	12	2	2	0	0	18	0	5	0	0	0	0	5	5
10:15							0							0	0
10:30							0	1	6	1				8	8
10:45							0		1					1	1
11:00	3	18	1	9			31		1		1			2	33
Hourly Total	3	18	1	9	0	0	31	1	8	1	1	0	0	11	42
pcu/hr	1	5	1	18	0	0	25	0	2	1	2	0	0	5	5
11:15							0		1	1	4	1		7	7
11:30							0		5	2				7	7
11:45	5	14	2	2			23		2		4			3	26
12:00							0		3		1			4	4
Hourly Total	5	14	2	2	0	0	23	0	11	3	6	1	0	21	44
pcu/hr	1	4	2	4	0	0	11	0	3	3	12	3	0	21	21
12:15							0		6	1	2			9	9
12:30							0		5					5	5
12:45							0		1					1	1
13:00							0							0	0
Hourly Total	0	0	0	0	0	0	0	0	12	1	2	0	0	15	15
pcu/hr	0	0	0	0	0	0	0	0	4	1	4	0	0	9	9
13:15							0		5	1	2			8	8
13:30	5	15		6			26	2	8		3			13	39
13:45							0		3					3	3
14:00	1	19					20	1	3					4	24
Hourly Total	6	34	0	6	0	0	46	3	19	1	5	0	0	28	74
pcu/hr	1	10	0	12	0	0	23	1	6	1	10	0	0	18	18
14:15							0	1	18	2	1			22	22
14:30							0	1	5					6	6
14:45							0		4	1	1			6	6
15:00	3	15		9	1		28				1			1	29
Hourly Total	3	15	0	9	1	0	28	2	27	3	3	0	0	35	63
pcu/hr	1	5	0	18	3	0	27	0	8	3	6	0	0	17	17
15:15							0	1	7		2			10	10
15:30	1	4		1	1		7		7		4	1		12	19
15:45		19		1			20		6					6	26
16:00							0							0	0
Hourly Total	1	23	0	2	1	0	27	1	20	0	6	1	0	28	55
pcu/hr	0	7	0	4	3	0	14	0	6	0	12	3	0	21	21
16:15							0		3					3	3
16:30							0	1	14		1			16	16
16:45							0							0	0
17:00	2	16		5			23		12		9			21	44
Hourly Total	2	16	0	5	0	0	23	1	29	0	10	0	0	40	63
pcu/hr	0	5	0	10	0	0	15	0	9	0	20	0	0	29	29
17:15							0							0	0
17:30							0							0	0
17:45	41	44		1			86							0	86
18:00							0							0	0
Hourly Total	41	44	0	1	0	0	86	0	0	0	0	0	0	0	86
pcu/hr	8	13	0	2	0	0	23	0	0	0	0	0	0	0	0
Total	81	297	8	56	3	0	445	65	236	10	43	3	0	357	802
pcu/12hr	16	89	8	112	9	0	234	12	71	10	86	9	0	188	422

2.2. Cat Hai (Center of Cat Hai road)

DATE	27/04/2010							Investigator name						Nguyễn Minh Tài	
LOCATION	Cat Hai														
Time	To Cat Ba Direction							To Dinh Vu Direction							Total Movement
	1	2	3	4	5	6	Total	1	2	3	4	5	6	Total	
6:15	0.2	0.3	1.0	2.0	2.5	4.0	24	0.2	0.3	1.0	2.0	2.5	4.0	19	43
6:30	15	9					20	18	6					24	44
6:45	5	5	1	1			12	8	9					17	29
7:00	5	4					10	4	5		6	1		16	26
Hourly Total	36	26	1	3	0	0	66	41	28	0	6	1	0	76	142
pcu/hr	7	8	1	6	0	0	22	8	8	0	12	3	0	31	53
7:15	21	8					29	16	4					20	49
7:30		14		7			21	2	5					7	28
7:45	5	6		7			18	4	3					7	25
8:00	7	5		4			16	5	5					10	26
Hourly Total	33	33	0	18	0	0	84	27	17	0	0	0	0	44	128
pcu/hr	7	10	0	36	0	0	53	5	5	0	0	0	0	10	63
8:15	1	4					5	3	1					4	9
8:30	2	1		1			4	1	5					6	10
8:45	6	7		3			16	6	13					19	35
9:00	4	7		6			17	6	4		1			11	28
Hourly Total	13	19	0	10	0	0	42	16	23	0	1	0	0	40	82
pcu/hr	3	6	0	20	0	0	29	3	7	0	2	0	0	12	41
9:15	5	7		1	1		14	4	7		1			12	26
9:30	6	2			1		9	3	5					8	17
9:45	15	4		2			21	3	4					7	28
10:00	9	16	3				28	1	6					7	35
Hourly Total	35	29	3	3	2	0	72	11	22	0	1	0	0	34	106
pcu/hr	7	9	3	6	5	0	30	2	7	0	2	0	0	11	41
10:15	6	6		1			13	1	3	1				5	18
10:30	5	6					11	4	1	1				6	17
10:45		8					8		5					5	13
11:00		5	5	5			15	3	1	1				5	20
Hourly Total	11	25	5	6	0	0	47	5	12	3	1	0	0	21	68
pcu/hr	2	8	5	12	0	0	27	1	4	3	2	0	0	10	37
11:15	6	8					14	5	6		2	1		14	28
11:30		2	1				3	2	1		1			4	7
11:45	2	5	2				9		1					1	10
12:00	4	1	1				6							0	6
Hourly Total	12	16	4	0	0	0	32	7	8	0	3	1	0	19	51
pcu/hr	2	5	4	0	0	0	11	1	2	0	6	3	0	12	23
12:15	1	3					4	1	3			1		5	9
12:30	4	4					8	1						1	9
12:45	1	2					3	1	4					5	8
13:00	4	9					13	12	11					23	36
Hourly Total	10	18	0	0	0	0	28	15	18	0	0	1	0	34	62
pcu/hr	2	5	0	0	0	0	7	3	5	0	0	3	0	11	18
13:15	10	10		2			22	13	13		3			29	51
13:30	4	10		3			17	14	5					19	36
13:45	2	4		1			7	17	5					22	29
14:00	3	7					10	2	6		1			9	19
Hourly Total	19	31	0	6	0	0	56	46	29	0	4	0	0	79	135
pcu/hr	4	9	0	12	0	0	25	9	9	0	8	0	0	26	51
14:15	5	3					8	5	2	2				9	17
14:30	5	4		1			10	6	1		1			8	18
14:45	6	9					15	4	3					7	22
15:00		8	1	3			12	5	6					11	23
Hourly Total	16	24	1	4	0	0	45	20	12	2	1	0	0	35	80
pcu/hr	5	7	1	8	0	0	19	4	4	2	2	0	0	12	31
15:15	4	9	1	4	1		19	2	4		6	1		13	32
15:30	5	1		1			7	6	6					12	19
15:45	18	4			1		23	7	11		1			19	42
16:00	14	6					20	1	2					3	23
Hourly Total	41	20	1	5	2	0	69	16	23	0	7	1	0	47	116
pcu/hr	8	6	1	10	5	0	30	3	7	0	14	3	0	27	57
16:15	10	4		1			15	6	6					12	27
16:30	24	8		1			33	8	10		1			19	52
16:45	2	12		1			15	6	10		1			17	32
17:00	1	3					4	1	7	3	2			13	17
Hourly Total	37	27	0	3	0	0	67	21	33	3	4	0	0	61	128
pcu/hr	7	8	0	6	0	0	21	4	10	3	8	0	0	25	46
17:15	9	5		2			16	9	5					14	30
17:30	14	14	1	3			32	5	8					13	45
17:45	8	7					15	7	7					14	29
18:00	2	10		1			13	4	9					13	26
Hourly Total	33	36	1	6	0	0	76	25	29	0	0	0	0	54	130
pcu/hr	7	11	1	12	0	0	31	5	9	0	0	0	0	14	45
Total	296	304	16	64	4	0	684	250	254	8	28	4	0	544	1228
pcu/12hr	59	92	16	128	10	0	305	48	77	8	56	12	0	201	506

2.3. Ben GOT (Cat Ba side ferry terminal)

DATE	27/04/2010						Investigator name						Phạm Đức Hoàng		
LOCATION	Ben Got														
Time	To Cat Ba Direction						To Dinh Vu Direction						Total Movement		
	1	2	3	4	5	6 Total	1	2	3	4	5	6 Total			
6:15	0.2	0.3	1.0	2.0	2.5	4.0	17	28	9					37	54
6:30	2	16					18	4						4	22
6:45	1	6					7	2	2					4	11
7:00	1	4					5	7	12	1	6	1		27	32
Hourly Total	17	30	0	0	0	0	47	41	23	1	6	1	0	72	119
7:15	3	9	0	0	0	0	12	6	7	1	12	3	0	31	43
7:30	5	10					15	3	11	1				15	30
7:45	2	9					9	1	3					4	13
8:00	2	12		10			24	2	2					2	26
8:15	10	10	2	2			14							0	14
Hourly Total	7	41	2	12	0	0	62	4	16	1	0	0	0	21	83
8:30	1	12	2	24	0	0	39	1	5	1	0	0	0	7	46
8:45	1	19					20	3	21	1				25	45
8:30	5						5	1	1					2	7
8:45	3	2					5	2	4					2	11
9:00	2	2		4			6	2	2					2	8
Hourly Total	4	28	0	4	0	0	36	6	28	1	0	0	0	35	71
9:15	1	8	0	8	0	0	17	1	8	1	0	0	0	10	27
9:30	1	3					4		2					2	6
9:45	1						1							0	1
10:00	13	16	1				30	3	3					6	36
Hourly Total	15	28	1	0	1	0	45	5	26	0	0	0	0	11	76
10:15	3	8	1	0	3	0	15	1	8	0	0	0	0	9	24
10:30	4						4	1	8	2				11	15
10:45	1	1					2	3						3	5
11:00	1	2					3	1						1	4
Hourly Total	7	7	2				10	3	3					3	13
11:15	7	10	0	2	0	0	19	1	15	2	0	0	0	18	37
11:30	1	3	0	4	0	0	8	0	5	2	0	0	0	7	15
11:45	1	1					6	3	16	2	2	5		28	34
12:00	2						2	1						1	3
12:15	4		1				5		9		1			10	15
12:30	7	4					11							0	11
Hourly Total	0	14	4	6	0	0	24	4	25	2	3	5	0	39	63
12:45	0	4	4	12	0	0	20	1	8	2	6	13	0	30	50
13:00							0							0	0
13:15	3	1					4							0	4
13:30	1	4					5							0	5
Hourly Total	4	5	0	0	0	0	9	0	0	0	0	0	0	0	9
13:45	1	2	0	0	0	0	3	0	0	0	0	0	0	0	3
14:00	1	2					3	14	9	6				29	32
14:15	2	6					8	2	9	1				12	20
14:30	2	2		2			4	1						1	5
14:45	1	9		1			11	1	9	1				11	22
Hourly Total	4	19	0	3	0	0	26	18	27	2	6	0	0	53	79
15:00	1	6	0	6	0	0	13	4	8	2	12	0	0	26	39
15:15	1	4					5	1						1	6
15:30	2	4					2	1	4	2				7	9
15:45	3	1					4	2	2					4	8
Hourly Total	8	5	0	0	0	0	13	5	2	0	0	0	0	19	27
16:00	2	3	0	0	0	0	5	2	3	2	0	0	0	7	12
16:15	1	5		6	2		13	2	15		6	1		24	37
16:30	1	7					8							0	8
16:45	1	14		1	1		17							0	17
17:00	7	8					15							0	15
Hourly Total	9	34	0	7	3	0	53	2	15	0	6	1	0	24	77
17:15	2	10	0	14	8	0	34	0	5	0	12	3	0	20	54
17:30	2	2					4							0	4
17:45	5	3					8		4					4	12
18:00	5	1					6	1						1	7
Hourly Total	8	6					14	2	25	3	3			33	47
18:15	20	12	0	0	0	0	32	2	30	3	3	0	0	38	70
18:30	4	4	0	0	0	0	8	0	9	3	6	0	0	18	26
18:45	1	6	2	3			12	1	1					2	14
19:00				1			1							0	1
19:15		3					3	5	23					28	31
19:30	3	4		1			8							0	8
Hourly Total	4	13	2	5	0	0	24	6	24	0	0	0	0	30	54
per/hr	1	4	2	10	0	0	17	1	7	0	0	0	0	8	25
Total	99	244	9	39	4	0	395	97	238	14	24	7	0	380	775
per/12hr	20	73	9	78	11	0	191	19	73	14	48	19	0	173	364

3. Speed Survey

Time	From Ninh Tiep to Cat Hai			From Cat Hai to Ninh Tiep		
	Departure time	Arrival time	Time required	Departure time	Arrival time	Time required
7:00	7h40'	8h01'	21'	7h11'	7h32'	21'
9:00	8h35'	8h54'	19'	8h05'	8h27'	22'
11:00	11h05'	11h25'	20'	11h40'	11h59'	19'
13:00	13h45'	14h06'	21'	14h20'	14h42'	22'
15:00	15h10'	15h30'	20'	16h15'	16h33'	18'
17:00	17h05'	17h26'	21'	17h35'	17h55'	20'

4. Ferry Track Record Survey

4.1. Summary of Dinh Vu-Cat Hai Ferry Track Record Survey

Year	Month	Type of vehicle						Total	pcu/month
		From Dinh Vu to Cat Hai and Cat Hai to Dinh Vu							
		1	2	3	4	5	6		
	0.2	0.3	1.0	2.0	2.5	4.0			
2002	Jan.								
	Feb								
	Mar								
	Apr								
	May	1,349	5,601	328	628	317		8,223	4,327
	Jun	4,173	15,827	1,365	2,242	1,373		24,980	14,864
	Jul	4,262	16,510	1,356	2,290	1,088		25,506	14,461
	Aug	4,180	16,520	821	1,500	485		23,506	10,826
	Sep	3,962	14,782	498	1,020	252		20,514	8,395
	Oct	3,728	12,467	506	1,145	226		18,072	7,847
	Nov	3,738	11,168	324	1,077	199		16,506	7,074
	Dec	3,030	10,696	294	1,171	217		15,408	6,993
	Total	28,422	103,571	5,492	11,073	4,157	-	152,715	74,787
	Total pcu/year	5,684	31,071	5,492	22,146	10,393	-	74,786	
Average pcu/month	711	3,884	687	2,768	1,299	-	9,349		
pcu/day	24	129	23	92	43	-	311		
2003	Jan.	4,239	12,280	281	1,050	222		18,072	7,468
	Feb	2,436	8,615	323	710	138		12,222	5,160
	Mar	2,949	8,081	400	1,212	210		12,852	6,363
	Apr	3,405	9,626	513	1,115	190		14,849	6,787
	May	2,728	10,288	661	1,281	322		15,280	7,660
	Jun	2,740	10,694	1,150	1,973	828		17,385	10,922
	Jul	2,098	9,858	1,049	1,966	698		15,669	10,103
	Aug	2,798	10,239	856	1,707	486		16,086	9,116
	Sep	2,689	9,744	422	966	192		14,013	6,295
	Oct	2,705	8,723	481	1,015	172		13,096	6,099
	Nov	3,049	9,796	381	821	192		14,239	6,052
	Dec	2,782	8,863	413	832	141		13,031	5,645
	Total	34,618	116,807	6,930	14,648	3,791	-	176,794	87,670
	Total pcu/year	6,924	35,042	6,930	29,296	9,478	-	87,670	
Average pcu/month	866	4,380	866	3,662	1,185	-	10,959		
pcu/day	29	146	29	122	40	-	366		
2004	Jan.	3,060	10,678	360	674	122		14,894	5,828
	Feb	2,595	7,335	508	779	136		11,353	5,126
	Mar	2,634	7,088	706	1,013	193		11,634	5,868
	Apr	3,157	11,500	628	1,133	202		16,620	7,480
	May	2,760	14,156	987	1,487	357		19,747	9,652
	Jun	2,488	10,841	1,194	2,197	956		17,676	11,728
	Jul	2,362	11,498	1,365	2,675	1,004		18,904	13,147
	Aug	2,406	10,586	906	2,244	695		16,837	10,789
	Sep	2,276	8,714	565	1,038	296		12,889	6,450
	Oct	2,249	8,904	479	947	232		12,811	6,074
	Nov	2,279	7,524	331	838	313		11,285	5,503
	Dec	1,950	7,454	447	974	222		11,047	5,576
	Total	30,216	116,278	8,476	15,999	4,728	-	175,697	93,221
	Total pcu/year	6,043	34,883	8,476	31,998	11,820	-	93,220	
Average pcu/month	755	4,360	1,060	4,000	1,478	-	11,653		
pcu/day	25	145	35	133	49	-	387		

Year	Month	Type of vehicle						Total	pcu/month
		From Dinh Vu to Cat Hai and Cat Hai to Dinh Vu							
		1	2	3	4	5	6		
		0.2	0.3	1.0	2.0	2.5	4.0		
2005	Jan.	1,968	6,794	456	1,003	199		10,420	5,391
	Feb.	1,888	10,081	500	658	170		13,297	5,643
	Mar.	2,026	8,409	709	1,189	268		12,601	6,685
	Apr.	1,575	10,586	824	1,362	277		14,624	7,731
	May	1,591	11,449	1,074	1,698	559		16,371	9,620
	Jun.	1,401	11,002	1,599	2,584	1,433		18,019	13,930
	Jul.	1,851	10,996	1,678	3,009	1,455		18,989	15,003
	Aug.	2,362	12,204	707	1,548	629		17,450	9,509
	Sep.	1,990	10,082	520	1,156	304		14,052	7,015
	Oct.	1,986	9,212	398	1,053	279		12,928	6,362
	Nov.	1,767	8,598	319	999	227		11,910	5,817
	Dec.	1,797	7,645	372	950	188		10,952	5,395
	Total	22,202	117,058	9,156	17,209	5,988	-	171,613	98,101
	Total pcu/year	4,440	35,117	9,156	34,418	14,970	-	98,101	
Average pcu/month	555	4,390	1,145	4,302	1,871	-	12,263		
pcu/day	19	146	38	143	62	-	408		
2006	Jan.	2,079	10,173	412	908	172		13,744	6,126
	Feb.	1,429	9,604	401	730	183		12,347	5,486
	Mar.	1,087	7,453	525	1,074	264		10,403	5,786
	Apr.	1,308	9,356	767	1,617	319		13,367	7,867
	May	1,654	9,778	870	1,768	565		14,635	9,083
	Jun.	1,701	8,847	1,128	2,963	1,809		16,448	14,571
	Jul.	1,645	9,413	1,303	3,423	1,562		17,346	15,207
	Aug.	1,355	6,531	607	1,503	631		10,627	7,421
	Sep.	1,508	7,547	606	1,266	418		11,345	6,749
	Oct.	1,484	6,834	477	1,137	335		10,267	5,936
	Nov.	1,305	7,224	390	1,205	256		10,380	5,868
	Dec.	1,621	8,273	540	1,301	282		12,017	6,653
	Total	18,176	101,033	8,026	18,895	6,796	-	152,926	96,753
	Total pcu/year	3,635	30,310	8,026	37,790	16,990	-	96,751	
Average pcu/month	454	3,789	1,003	4,724	2,124	-	12,094		
pcu/day	15	126	33	157	71	-	402		
2007	Jan.	1,603	6,708	400	1,047	189		9,947	5,300
	Feb.	1,161	9,180	417	699	152		11,609	5,181
	Mar.	1,034	6,511	440	1,074	204		9,263	5,258
	Apr.	1,238	9,412	892	1,807	389		13,738	8,550
	May	1,101	8,032	655	1,639	539		11,966	7,910
	Jun.	1,138	8,920	1,345	3,348	1,880		16,631	15,645
	Jul.	1,814	8,929	1,458	3,972	1,741		17,914	16,796
	Aug.	1,282	7,439	875	2,114	763		12,473	9,499
	Sep.	1,167	6,984	610	1,577	362		10,700	6,998
	Oct.	1,075	6,211	382	1,224	221		9,113	5,461
	Nov.	1,042	6,731	443	1,253	216		9,685	5,717
	Dec.	1,121	7,443	405	1,236	224		10,429	5,894
	Total	14,776	92,500	8,322	20,990	6,880	-	143,468	98,209
	Total pcu/year	2,955	27,750	8,322	41,980	17,200	-	98,207	
Average pcu/month	369	3,469	1,040	5,248	2,150	-	12,276		
pcu/day	12	116	35	175	72	-	410		

Year	Month	Type of vehicle						Total	pcu/month
		From Dinh Vu to Cat Hai and Cat Hai to Dinh Vu							
		1	2	3	4	5	6		
		0.2	0.3	1.0	2.0	2.5	4.0		
2008	Jan.	960	5,714	408	1,205	210		8,497	5,249
	Feb	814	9,073	380	950	177		11,394	5,607
	Mar	1,092	7,380	455	1,387	293		10,607	6,394
	Apr	766	8,553	594	1,786	323		12,022	7,693
	May	1,102	9,464	796	2,210	630		14,202	9,851
	Jun	1,255	8,631	1,052	3,330	1,458		15,726	14,197
	Jul	1,294	11,020	1,538	4,096	1,574		19,522	17,230
	Aug	1,196	8,619	718	2,049	638		13,220	9,236
	Sep	1,157	7,895	468	1,297	299		11,116	6,409
	Oct	1,571	7,284	300	1,286	244		10,685	5,981
	Nov	1,821	8,005	338	1,228	204		11,596	6,070
	Dec	1,750	7,932	347	1,179	196		11,404	5,925
	Total	14,778	99,570	7,394	22,003	6,246		149,991	99,842
	Total pcu/year	2,956	29,871	7,394	44,006	15,615		99,842	
	Average pcu/month	370	3,734	924	5,501	1,952		12,481	
pcu/day	12	124	31	183	65		415		
2009	Jan.	996	10,604	415	978	184		13,177	6,211
	Feb	675	7,079	268	925	166		9,113	4,792
	Mar	772	7,940	490	1,406	242		10,850	6,443
	Apr	734	9,218	592	1,700	345		12,589	7,767
	May	859	9,934	774	2,108	705		14,380	9,905
	Jun	1,086	9,714	1,197	3,461	1,337		16,795	14,593
	Jul	838	10,545	1,366	3,912	1,201		17,862	15,524
	Aug	869	8,418	634	2,109	504		12,534	8,811
	Sep	1,238	8,282	379	1,288	300		11,487	6,437
	Oct	1,678	7,458	376	1,305	244		11,061	6,169
	Nov	2,007	7,198	400	1,208	215		11,028	5,914
	Dec	1,446	7,044	369	1,228	213		10,300	5,760
	Total	13,198	103,434	7,260	21,628	5,656		151,176	98,326
	Total pcu/year	2,640	31,030	7,260	43,256	14,140		98,326	
	Average pcu/month	330	3,879	908	5,407	1,768		12,292	
pcu/day	11	129	30	180	59		409		

4.2. Summary of Cat Hai – Cat Ba Ferry Track Record Survey

Year	Month	Type of vehicle							pcu/month
		From Cat Hai to Cat Ba and Cat Ba Cat Hai							
		1	2	3	4	5	6	Total	
		0.2	0.3	1.0	2.0	2.5	4.0		
2002	Jan.								
	Feb								
	Mar								
	Apr								
	May	936	4,058	355	610	341		6,300	3,832
	Jun	2,172	10,875	1,118	1,893	1,263		17,321	11,758
	Jul	2,537	10,415	1,022	1,861	1,013		16,848	10,908
	Aug	2,192	9,985	553	1,304	508		14,542	7,865
	Sep	1,661	8,228	270	844	231		11,234	5,336
	Oct	1,180	5,936	283	911	215		8,525	4,659
	Nov	1,142	4,941	208	780	209		7,280	4,001
	Dec	1,528	5,338	156	885	229		8,136	4,406
	Total	13,348	59,776	3,965	9,088	4,009		90,186	52,765
	Total pcu/year	2,670	17,933	3,965	18,176	10,023		52,767	
Average pcu/month	334	2,342	496	2,272	1,253		6,597		
pcu/day	11	75	17	76	42		221		
2003	Jan.	2,000	6,651	149	837	236		9,873	4,808
	Feb	646	3,944	228	586	129		5,533	3,035
	Mar	463	3,606	259	955	198		5,481	3,838
	Apr	307	3,512	363	845	227		5,254	3,736
	May	133	2,700	549	957	320		4,659	4,100
	Jun	83	1,913	1,042	1,619	834		5,491	6,956
	Jul	37	1,279	843	1,489	616		4,264	5,752
	Aug	44	1,129	639	1,240	386		3,438	4,432
	Sep	35	621	268	686	121		1,731	2,136
	Oct	13	426	314	674	120		1,547	2,092
	Nov	16	417	209	522	187		1,351	1,849
	Dec	22	351	215	527	125		1,240	1,691
	Total	3,799	26,549	5,078	10,937	3,499		49,862	44,425
	Total pcu/year	760	7,965	5,078	21,874	8,748		44,425	
Average pcu/month	95	996	635	2,734	1,094		5,554		
pcu/day	3	33	21	91	36		184		
2004	Jan.	26	346	151	439	117		1,079	1,431
	Feb	12	287	232	516	132		1,179	1,683
	Mar	156	299	314	759	189		1,717	2,425
	Apr	113	1,180	443	800	184		2,720	2,880
	May	40	2,892	810	1,149	367		5,258	4,901
	Jun	37	1,477	917	1,778	907		5,116	7,191
	Jul	1,074	7,671	1,144	2,221	942		13,052	10,457
	Aug	1,171	6,468	679	1,589	592		10,499	7,512
	Sep	966	5,463	375	597	275		7,676	4,089
	Oct	754	5,684	268	578	238		7,522	3,875
	Nov	780	4,480	201	481	206		6,148	3,178
	Dec	980	4,234	237	462	184		6,097	3,087
	Total	6,109	40,481	5,771	11,369	4,333		68,063	52,709
	Total pcu/year	1,222	12,144	5,771	22,738	10,833		52,708	
Average pcu/month	153	1,518	721	2,842	1,354		6,588		
pcu/day	5	51	24	95	45		220		

Year	Month	Type of vehicle						pcu/month	
		From Cat Hai to Cat Ba and Cat Ba Cat Hai							
		1	2	3	4	5	6		Total
	0.2	0.3	1.0	2.0	2.5	4.0			
2005	Jan.	908	3,789	219	482	153		5,551	2,884
	Feb	1,041	5,428	201	327	141		7,138	3,044
	Mar	967	5,404	343	633	196		7,543	3,914
	Apr	976	7,070	508	856	242		9,652	5,141
	May	943	7,734	790	1,174	469		11,110	6,819
	Jun	1,031	7,226	1,065	1,948	1,158		12,428	10,230
	Jul	751	8,920	1,261	2,532	1,272		14,736	12,331
	Aug	1,071	9,058	558	1,233	597		12,517	7,448
	Sep	993	7,653	339	846	277		10,108	5,218
	Oct	928	7,110	214	679	228		9,159	4,461
	Nov	1,041	6,849	172	610	207		8,879	4,172
	Dec	1,109	5,610	162	639	175		7,695	3,782
	Total	11,759	81,851	5,832	11,959	5,115		116,516	69,444
	Total pcu/year	2,352	24,555	5,832	23,918	12,788		69,445	
Average pcu/month	294	3,069	729	2,990	1,599		8,681		
pcu/day	10	102	24	100	53		289		
2006	Jan.	1,273	6,812	193	536	160		8,974	3,963
	Feb	941	6,990	185	484	171		8,771	3,866
	Mar	776	5,543	269	770	230		7,588	4,202
	Apr	596	6,413	468	1,158	294		8,929	5,562
	May	895	6,304	538	1,297	492		9,526	6,432
	Jun	893	5,559	851	2,407	1,669		11,379	11,684
	Jul	852	5,762	1,009	2,814	1,413		11,850	12,069
	Aug	639	3,516	346	1,085	569		6,155	5,121
	Sep	544	4,389	382	826	346		6,487	4,325
	Oct	336	4,546	260	644	292		6,078	3,709
	Nov	450	4,412	178	573	226		5,839	3,303
	Dec	480	4,733	167	580	224		6,184	3,403
	Total	8,675	64,979	4,846	13,174	6,086		97,760	67,639
	Total pcu/year	1,735	19,494	4,846	26,348	15,215		67,638	
Average pcu/month	217	2,437	606	3,294	1,902		8,456		
pcu/day	7	81	20	110	63		281		
2007	Jan.	207	3,615	156	490	97		4,565	2,504
	Feb	328	5,140	135	330	23		5,956	2,460
	Mar	324	3,857	164	507	83		4,935	2,607
	Apr	210	5,119	527	1,119	296		7,271	5,083
	May	281	4,234	347	897	410		6,169	4,492
	Jun	557	6,418	1,169	3,090	1,969		13,203	14,308
	Jul	363	5,577	1,256	3,697	1,868		12,761	15,066
	Aug	138	4,366	811	2,019	854		8,188	8,321
	Sep	120	3,778	390	1,039	189		5,516	4,098
	Oct	132	3,086	200	697	184		4,299	3,006
	Nov	198	3,599	237	775	178		4,987	3,351
	Dec	103	3,503	201	732	198		4,737	3,232
	Total	2,961	52,292	5,593	15,392	6,349		82,587	68,528
	Total pcu/year	592	15,688	5,593	30,784	15,873		68,530	
Average pcu/month	74	1,961	699	3,848	1,984		8,566		
pcu/day	2	65	23	128	66		284		

Year	Month	Type of vehicle							pcu/month
		From Cat Hai to Cat Ba and Cat Ba Cat Hai							
		1	2	3	4	5	6	Total	
	0.2	0.3	1.0	2.0	2.5	4.0			
2008	Jan.	152	2,682	171	559	179		3,743	2,572
	Feb.	44	4,610	155	454	166		5,429	2,870
	Mar.	172	4,344	331	919	240		6,006	4,107
	Apr.	87	4,768	463	1,324	349		6,991	5,431
	May	52	4,933	683	1,526	532		7,726	6,555
	Jun.	40	4,751	1,113	2,888	1,441		10,233	11,925
	Jul.	46	6,019	1,488	3,736	1,586		12,875	14,740
	Aug.	42	4,615	657	1,716	692		7,722	7,212
	Sep.	20	4,431	337	1,039	275		6,102	4,436
	Oct.	22	4,244	256	994	232		5,748	4,102
	Nov.	67	4,603	242	859	183		5,954	3,812
	Dec.	73	4,325	236	870	192		5,696	3,768
	Total	817	54,325	6,132	16,884	6,067		84,225	71,530
	Total pcu/year	163	16,298	6,132	33,768	15,168		71,529	
	Average pcu/month	20	2,037	767	4,221	1,896		8,941	
pcu/day	1	68	26	141	63		299		
2009	Jan.	23	4,663	231	698	193		5,808	3,513
	Feb.	45	4,856	268	774	172		6,115	3,712
	Mar.	42	4,937	397	1,213	244		6,833	4,923
	Apr.	53	5,136	551	1,527	363		7,630	6,064
	May	47	6,163	796	1,991	742		9,739	8,491
	Jun.	36	5,909	1,144	3,256	1,438		11,783	13,031
	Jul.	62	6,238	1,325	3,562	1,290		12,477	13,558
	Aug.	19	5,138	611	1,825	567		8,160	7,224
	Sep.	23	4,236	325	1,038	303		5,925	4,434
	Oct.	5	3,885	276	932	235		5,333	3,894
	Nov.	1,231	4,128	223	883	189		6,654	3,946
	Dec.	1,184	4,098	249	888	164		6,583	3,901
	Total	2,770	59,387	6,396	18,587	5,900		93,040	76,691
	Total pcu/year	554	17,816	6,396	37,174	14,750		76,690	
	Average pcu/month	69	2,227	800	4,647	1,844		9,587	
pcu/day	2	74	27	155	61		319		

4.3. Ferry Track Record Survey Data (Dinh Vu-Cat Hai Ferry)

Year 2002																	
Order number	Type of vehicle	Unit	amount												Total	Total PCU	Average PCU/Mon
			Month														
			Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	Passenger						11,663	10,900	12,007	26,834	19,660	15,116	14,106	13,565	163,851		
2	Bicycle					1,325	4,065	4,101	3,971	3,746	3,418	3,505	2,868	26,999	5,400	675	
3	Bicycle with goods					6	61	110	179	191	291	201	141	1,183	237	30	
4	Motorcycle					5,601	15,827	16,510	16,520	14,782	12,467	11,168	10,696	103,571	11,071	3,884	
5	Cyelo					18	47	51	30	22	19	32	21	240	72	9	
6	Car 4-6 seats					328	1,097	1,020	525	361	303	213	231	4,082	4,082	510	
7	Bus					685	2,840	2,526	1,235	566	487	375	378	9,092	20,159	2,520	
	< 9 seats					81	367	390	236	134	120	98	63	1,489	2,978	372	
	9-24 seats					296	1,154	1,080	537	195	170	109	112	3,653	7,306	913	
	24-32 seats					181	933	763	338	186	150	108	137	2,796	6,990	874	
	< 32 seats					127	386	293	124	51	47	60	66	1,154	2,885	361	
8	Truck					260	574	552	602	590	686	757	838	4,859	9,776	1,223	
	< 1 ton																
	with goods					19	49	36	32	25	38	42	56	297	594	74	
	non goods					16	60	30	33	34	29	17	43	282	564	71	
	1 ton-3 ton																
	with goods					83	171	173	203	179	215	196	237	1,457	2,914	364	
	non goods					71	118	117	145	132	150	155	190	1,078	2,156	270	
	3 ton-5 ton																
	with goods					11	29	39	52	52	67	78	76	404	808	101	
	non goods					13	38	46	47	36	44	62	81	367	734	92	
	5 ton-10 ton																
	with goods					13	43	53	46	46	59	88	80	428	856	107	
	non goods					25	46	48	37	74	65	70	65	410	860	108	
	10 ton-13 ton																
	with goods					8	19	9	7	11	14	24	8	100	250	31	
	non goods					1	1	1	1	1	5	5	2	16	40	5	
9	Livestock																
10	Goods more 61 kg																
	Total Vehicles					8,223	24,513	24,870	23,062	20,261	17,671	16,251	15,173	150,026	70,797	8,850	

Year 2003																	
Order number	Type of vehicle	Unit	amount												Total	Total PCU	Average PCU/Mon
			Month														
			Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	Passenger		15,211	13,961	14,558	15,460	18,489	34,962	28,831	24,969	14,740	12,567	14,359	12,634	220,741		
2	Bicycle		4,068	2,436	2,937	3,405	2,724	2,738	2,098	2,793	2,686	2,703	3,049	2,782	34,419	6,884	574
3	Bicycle with goods		160		10		2	1		3		2		178	36	3	
4	Motorcycle		12,280	8,615	8,081	9,626	10,288	10,694	9,858	10,239	9,744	8,723	9,796	8,863	116,807	35,042	2,920
5	Cyelo		11		2		2	1		2		3		21	6	1	
6	Car 4-6 seats		225	251	330	423	581	986	821	634	280	338	272	293	5,436	5,436	453
7	Bus		358	267	480	510	779	2,065	1,707	1,391	484	424	372	319	9,156	20,027	1,669
	< 9 seats		51	48	133	132	153	309	250	316	122	109	78	71	1,772	3,544	295
	9-24 seats		114	107	180	212	346	938	822	613	188	169	132	133	3,954	7,908	659
	24-32 seats		130	47	84	101	172	580	441	335	73	54	63	34	2,114	5,285	440
	< 32 seats		63	65	83	65	108	238	194	127	101	92	99	81	1,316	3,290	274
8	Truck		819	468	816	657	674	513	586	631	575	689	607	614	7,649	15,431	1,286
	< 1 ton																
	with goods		27	29	43	42	43	28	35	38	34	40	18	43	415	830	69
	non goods		70	69	105	47	49	35	37	46	22	37	14	32	563	1,126	94
	1 ton-3 ton																
	with goods		215	116	214	172	163	140	157	138	165	177	171	151	1,979	3,958	330
	non goods		154	88	150	142	130	130	121	107	104	144	134	139	1,543	3,086	257
	3 ton-5 ton																
	with goods		70	32	70	64	80	56	61	83	73	96	84	72	841	1,682	140
	non goods		64	28	60	58	62	44	45	71	64	67	61	75	699	1,398	117
	5 ton-10 ton																
	with goods		101	51	72	57	59	42	62	76	51	51	48	44	714	1,428	119
	non goods		93	38	65	53	54	30	57	56	49	53	47	36	631	1,262	105
	10 ton-13 ton																
	with goods		20	9	22	14	16	7	4	7	6	10	20	14	149	373	31
	non goods		5	13	15	8	18	1	7	9	7	14	10	8	115	288	24
9	Livestock																
10	Goods more 61 kg																
	Total		17,921	12,077	12,656	14,623	15,080	16,998	15,070	15,603	13,772	12,879	14,096	12,871	173,666	82,862	6,905

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Year 2004																	
Order number	Type of vehicle	Unit	amount												Total	Total PCU	Average PCU/Mon.
			Month														
			Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	Passenger		13,503	11,305	10,346	18,079	25,293	33,932	36,249	24,800	11,615	11,165	9,468	9,046	214,891		
2	Bicycle		3,098	2,594	2,634	3,157	2,760	2,488	2,362	2,406	2,275	2,249	2,279	1,950	30,212	6,042	504
3	Bicycle with goods																
4	Motorcycle		10,676	7,335	7,088	11,500	14,156	10,841	11,498	10,586	8,714	8,904	7,524	7,454	116,278	34,883	2,907
5	Cycho		2	1							1			4	1	0	
6	Car 4-6 seats		280	340	358	477	847	964	1,178	728	458	389	302	379	6,700	6,700	558
7	Bus		319	372	402	590	1,066	2,371	2,785	1,823	629	476	429	408	11,670	25,373	2,114
	< 9 seats		106	151	145	186	335	481	605	580	188	142	110	110	2,939	5,878	490
	9-24 seats		105	111	140	230	408	995	1,222	835	193	149	153	126	4,667	9,334	778
	24-32 seats		29	47	52	75	182	613	720	377	119	53	144	54	2,365	5,913	493
	> 32 seats		79	63	65	99	141	282	238	231	129	132	122	118	1,699	4,248	354
8	Truck		460	505	599	721	722	662	713	926	659	670	610	755	8,002	16,204	1,350
	< 1 ton																
	with goods		25	23	38	34	44	42	41	74	45	40	46	46	498	996	83
	non goods		23	29	31	32	35	29	37	63	28	21	29	32	389	778	65
	1 ton-3 ton																
	with goods		143	117	164	200	185	156	186	242	163	140	106	171	1,073	3,946	329
	non goods		100	81	117	157	131	145	183	186	138	113	109	152	1,612	3,224	269
	3 ton-5 ton																
	with goods		58	85	78	98	96	74	72	97	65	100	69	68	360	1,920	160
	non goods		55	64	58	84	75	74	77	92	63	88	82	107	919	1,838	153
	5 ton-10 ton																
	with goods		23	44	38	47	70	55	58	64	56	68	59	62	644	1,288	107
	non goods		19	40	46	47	64	46	47	60	57	53	63	67	609	1,218	102
	10 ton-13 ton																
	with goods		6	13	15	12	15	26	8	26	22	18	21	27	209	523	44
	non goods		8	9	14	10	7	15	4	22	22	29	26	23	189	473	39
9	Livestock																
10	Goods more 61 kg				2	4				2	1			9			
	Total		14,797	11,147	11,081	16,445	19,551	17,126	18,536	16,469	12,736	12,688	11,144	10,946	172,866	89,203	7,434

Year 2005																	
Order number	Type of vehicle	Unit	amount												Total	Total PCU	Average PCU/Mon.
			Month														
			Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	Passenger		7,188	11,576	11,605	15,298	22,316	37,165	44,919	28,703	16,900	11,927	11,670	9,581	228,848		
2	Bicycle		1,968	1,888	2,026	1,575	1,591	1,401	1,851	2,362	1,990	1,986	1,767	1,797	22,201	4,440	370
3	Bicycle with goods																
4	Motorcycle		6,794	10,081	8,409	10,586	11,449	11,002	10,996	12,204	10,082	9,212	8,598	7,645	117,058	35,117	2,926
5	Cycho																
6	Car 4-6 seats		359	359	563	696	979	1,348	1,474	609	431	313	286	304	7,721	7,721	643
7	Bus		411	392	531	808	1,469	3,169	3,627	1,426	791	540	537	432	14,133	30,938	2,378
	< 9 seats		144	176	197	283	407	662	724	388	266	163	175	128	3,713	7,426	619
	9-24 seats		122	98	139	291	573	1,134	1,547	473	254	158	150	139	5,078	10,156	846
	24-32 seats		26	26	55	75	283	998	1,007	344	122	74	78	37	3,125	7,813	651
	> 32 seats		119	92	140	159	206	375	349	221	149	145	134	128	2,217	5,543	462
8	Truck		738	399	834	764	663	679	618	694	623	748	641	664	8,065	16,386	1,366
	< 1 ton																
	with goods		51	44	93	53	59	53	46	37	46	54	42	67	645	1,290	108
	non goods		47	40	68	47	53	40	41	47	31	45	40	58	557	1,114	93
	1 ton-3 ton																
	with goods		151	76	181	173	141	164	166	156	153	179	178	158	1,876	3,752	313
	non goods		152	79	167	149	117	134	121	112	109	147	142	125	1,554	3,108	259
	3 ton-5 ton																
	with goods		70	35	75	89	91	90	69	120	114	98	98	92	1,041	2,082	174
	non goods		77	21	73	83	61	70	65	76	82	87	65	64	824	1,648	137
	5 ton-10 ton																
	with goods		59	24	56	71	48	53	43	52	33	43	34	42	558	1,116	93
	non goods		77	33	59	57	38	50	32	30	25	35	27	36	499	998	83
	10 ton-13 ton																
	with goods		32	22	35	17	30	16	20	45	21	44	12	15	309	773	64
	non goods		22	25	27	25	25	9	15	19	9	16	3	7	202	505	42
9	Livestock																
10	Goods more 61 kg																
	Total		10,270	13,119	12,363	14,429	16,151	17,599	18,566	17,395	13,917	12,799	11,829	10,842	169,178	94,602	7,884

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Year 2006															Total	Total PCU	Average PCU/Mon.
Order number	Type of vehicle	Unit	amount														
			Month														
Jan.	Feb.	Mar.	Apr.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	Passenger		10,685	13,708	11,713	17,971	24,293	52,996	50,926	18,975	14,090	9,664	8,344	9,591	242,446		
2	Bicycle		2,079	1,429	1,087	1,308	1,654	1,701	1,645	1,355	1,508	1,484	1,305	1,621	18,176	3,635	303
3	Bicycle with goods																
4	Motorcycle		10,173	9,604	7,453	9,356	9,778	8,847	9,413	6,531	7,547	6,834	7,224	8,273	161,033	30,310	2,526
5	Cyelo																
6	Car 4-6 seats		323	342	438	663	737	981	1,222	462	495	358	331	366	6,708	6,708	559
7	Bus		417	440	586	1,051	1,367	3,217	4,010	1,401	936	654	530	561	15,670	34,487	2,874
	< 9 seats		145	167	192	403	400	758	912	348	286	187	172	151	4,121	8,242	687
	9-24 seats		126	111	169	353	446	1,332	1,587	466	279	167	140	180	5,256	10,512	876
	24-32 seats		28	38	90	122	308	1,226	1,084	333	148	92	44	85	3,598	8,095	750
	< 32 seats		118	124	135	173	213	501	427	254	223	208	174	145	2,695	6,738	562
8	Truck		643	449	705	840	840	901	876	647	681	754	828	925	9,089	18,386	1,532
	< 1 ton																
	with goods		68	18	33	30	38	39	37	39	25	46	43	43	459	918	77
	non goods		61	19	40	30	32	31	26	26	22	35	37	63	422	804	70
	1 ton-3 ton																
	with goods		158	131	198	229	231	265	265	171	171	169	183	199	2,370	4,740	395
	non goods		153	99	156	167	157	172	155	120	145	143	190	219	1,876	3,752	313
	3 ton-5 ton																
	with goods		70	72	108	171	157	165	178	108	118	137	130	117	1,521	3,042	254
	non goods		59	43	73	105	114	89	78	60	93	99	110	135	1,058	2,116	176
	5 ton-10 ton																
	with goods		23	26	33	53	45	52	54	55	40	56	59	59	555	1,110	93
	non goods		26	22	25	32	33	40	36	35	28	34	58	43	412	824	69
	10 ton-13 ton																
	with goods		11	13	20	11	23	30	29	19	24	17	13	28	238	595	50
	non goods		14	6	19	12	10	18	18	14	15	18	15	19	178	445	37
9	Livestock																
10	Goods more 61 kg														1	1	
	Total		13,635	12,264	10,269	13,218	14,376	16,147	17,166	10,396	11,167	10,084	10,208	11,746	150,676	93,526	7,794

Year 2007															Total	Total PCU	Average PCU/Mon.
Order number	Type of vehicle	Unit	amount														
			Month														
Jan.	Feb.	Mar.	Apr.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	Passenger		7,154	8,827	7,648	16,713	17,808	56,431	59,014	27,058	16,463	9,231	9,595	10,376	246,358		
2	Bicycle		1,603	1,161	1,034	1,238	1,101	1,138	1,814	1,282	1,167	1,075	1,042	1,121	14,776	2,955	246
3	Bicycle with goods																
4	Motorcycle		6,708	9,180	6,511	9,412	8,032	8,920	8,929	7,439	6,984	6,211	6,731	7,443	92,500	27,750	2,313
5	Cyelo																
6	Car 4-6 seats		309	320	347	762	548	1,242	1,352	793	516	331	395	335	7,280	7,280	604
7	Bus		466	404	526	1,267	1,264	4,271	4,656	2,015	1,112	610	592	646	17,829	38,957	3,246
	< 9 seats		173	159	196	533	302	1,000	1,229	562	406	253	230	254	5,397	10,794	900
	9-24 seats		119	101	142	386	370	1,424	1,718	703	355	156	183	177	5,834	11,668	972
	24-32 seats		50	21	57	174	245	1,295	1,263	453	187	57	81	3,940	9,850	821	
	< 32 seats		124	123	131	174	257	552	416	277	164	144	132	134	2,658	6,645	554
8	Truck		713	393	684	838	836	805	876	745	648	734	788	732	8,792	17,666	1,472
	< 1 ton																
	with goods		44	43	43	33	39	42	57	29	34	19	26	33	442	884	74
	non goods		43	29	27	30	34	36	41	36	29	22	32	44	403	806	67
	1 ton-3 ton																
	with goods		173	92	174	219	239	221	234	199	168	183	168	174	2,246	4,492	374
	non goods		189	93	130	180	119	172	206	188	134	153	178	151	1,893	3,786	316
	3 ton-5 ton																
	with goods		76	42	107	109	154	143	149	106	130	140	166	119	1,441	2,882	240
	non goods		85	36	91	113	88	81	89	82	81	107	117	76	1,646	2,092	174
	5 ton-10 ton																
	with goods		49	27	62	74	87	59	56	48	40	66	37	69	674	1,348	112
	non goods		39	25	41	56	44	44	37	38	26	33	42	59	484	968	81
	10 ton-13 ton																
	with goods		7	3	7	15	25	5	3	12	1	7	15	3	103	258	22
	non goods		6	3	2	9	7	2	4	7	5	4	7	4	60	150	13
9	Livestock																
10	Goods more 61 kg																
	Total		9,799	11,458	9,102	13,517	11,781	16,376	17,627	12,274	10,427	8,961	9,548	10,277	141,147	94,578	7,882