

Appendix 5.1

Income and Operation Cost of Sample Hired-Motorcyclists

Baht

Size	Owner	Location	Code	Average Earn	Fuel	Motorcycle Installment	Motorcycle Rental Price	Win-coat Rental Price	Daily Queue Fee	Other Cost	Return to Motorcyclist	
SMALL	GROUP	SOI	SV1	287	48	51	70	0	0	15	154	
			SV4+SV5	413	66	86	70	0	5	26	246	
			HK2	449	49	147	70	100	6	14	210	
			LP3	238	49	48	70	13	0	15	91	
			PCH1	367	60	73	60	40	3	22	182	
	SINGLE	MAINROAD	SRW1	200	30	53	70	20	10	16	54	
			SOI	SV2	302	44	87	70	27	7	15	139
				SV3	232	30	47	70	27	3	14	88
		CROWDED	SNKR1	333	43	58	70	33	3	14	170	
			RKH1	275	46	57	70	10	10	14	125	
			NTBR2	224	38	178	70	20	10	20	66	
			BKM2	194	40	56	70	0	15	14	55	
			SL1	285	45	70	70	20	20	20	110	
			PR1	327	52	51	50	50	0	17	158	
MEDIUM	GROUP	SOI	JS1	378	58	72	70	80	20	16	134	
			JS2	259	52	63	70	40	15	14	68	
			JS4	277	50	67	70	20	13	19	105	
	SINGLE	SOI	SV6	291	39	54	70	25	10	16	131	
			PRS2	266	54	61	70	30	10	19	83	
			LP2	401	54	47	100	100	15	15	117	
			PHYT2	149	45	49	70	0	0	16	18	
			PK1	211	43	67	70	0	5	14	79	
			TS2	342	55	84	60	20	10	20	177	
			TS3	267	39	79	60	13	10	18	127	
			BKM4	325	60	53	67	25	8	13	152	
			ST2	275	41	45	70	0	15	14	135	
			ST3	298	41	68	70	0	10	15	162	
			SV7	433	58	80	70	50	15	16	224	
			SV8	280	41	58	70	30	13	15	111	
			PCH3	418	67	73	70	100	4	15	162	
			RKH3	325	45	66	80	0	10	16	174	
			CROWDED	DMRW1	342	43	66	70	20	8	16	185
NTBR1	243	49		75	80	0	10	15	89			
BKM1	183	41		58	70	0	15	16	41			
LARGE	SINGLE	SOI	HK1	285	49	39	60	50	15	13	98	
			JS5	259	46	49	70	20	15	13	95	
			PHYT1	273	38	47	70	30	5	16	114	
	CROWDED	SS1	319	45	47	60	20	10	18	166		
		DMRW2	258	59	58	70	20	5	16	88		
		BKM2	257	32	48	70	0	15	16	124		

Source : Survey

Annex 5.1 (Continued)

Average Income and Operation Cost of Sample Hired-Motorcyclists

											Baht
Size	Owner	Location	Code	Average Earn	Fuel	Motorcycle Installment	Motorcycle Rental Price	Win-coat Rental Price	Daily Queue Fee	Other Cost	Return to Motorcyclist
AVERAGE SIZE											
	Small win			292	45	78	69	24	7	17	130
	Medium win			299	49	63	70	30	11	16	124
	large win			273	44	50	68	18	10	16	117
AVERAGE SIZE & OWNER											
	Small & group-owned win			326	50	76	68	29	4	18	156
	Small & single-owned win			264	41	79	70	20	10	16	108
	Medium & group-owned win			327	52	51	50	50	0	17	158
	Medium & single-owned win			298	49	63	71	29	11	16	122
	Large & single-owned win			273	44	50	68	18	10	16	117
AVERAGE OWNER											
	Group-owned win			326	51	73	66	32	4	18	156
	single-owned win			287	46	64	70	25	11	16	119
AVERAGE AREA											
	Soi			309	49	64	69	30	8	16	137
	Crowded area			248	44	72	70	14	12	16	93
	Mainroad			243	38	62	70	20	15	18	82
AVERAGE SIZE & AREA											
	Small & Soi			322	48	73	69	28	4	17	156
	Small & Crowded Area			209	39	117	70	10	13	17	61
	Small & Mainroad			243	38	62	70	20	15	18	82
	Medium & soi			307	50	63	70	32	10	16	129
	Medium & crowded-area			263	46	60	70	18	12	15	103
	large soi			284	43	48	67	45	17	13	100
	Large & crowded-area			258	46	53	70	10	10	16	106
AVERAGE OF OWNER & AREA											
	Group & soi			347	54	76	65	34	2	18	173
	Group & crowded-area										
	Group & mainroad			200	30	53	70	20	10	16	54
	Single & soi			300	47	62	70	38	13	17	127
	Single & crowded-area			248	44	72	70	14	12	16	93
	Single & mainroad			285	45	70	70	20	20	20	110
AVERAGE OF SIZE & OWNER & LOCATION											
	small & group-owned & Soi			351	54	81	68	31	3	18	176
	small & group-owned & mainroad			200	30	53	70	20	10	16	54
	small & single & Soi			286	41	62	70	24	6	14	130
	small & single & crowded-area			209	39	117	70	10	13	17	61
	small & single & mainroad			285	45	70	70	20	20	20	110
	medium & group-owned & Soi			327	52	51	50	50	0	17	158
	medium & single & Soi			306	50	64	71	31	11	16	127
	medium & single & crowded-area			263	46	60	70	18	12	15	103
	large & single & Soi			284	43	48	67	45	17	13	125
	large & single & crowded-area			258	46	53	70	10	10	16	106
TOTAL AVERAGE				294	47	66	69	26	9	16	127

Source : Survey

Appendix 5.2

Calculation of Income and Operation Cost

The calculation of income and operation cost of motorcyclists are based on the total numbers of 16,051 motorcyclists from 479 routes. Out of the sample survey of 157 motorcyclists, 96 percent of them are full-time motorcyclists. They work 11 hours a day on average. 4 percent of the samples are part-time motorcyclists. They work 5 hours a day on average. Therefore, out of 16,051 motorcyclists population, 15,409 are the full-time motorcyclists and 642 are the part-time one. The full-time motorcyclists are assumed to work 300 days a year while the part-time ones are assumed to work 250 days a year. From Table 5.2 Gross income generated by the hired-motorcycle service industry can be shown belows:

$$\begin{aligned} \text{Gross Income} &= \text{Gross earning of the full-time motorcyclists (A)} \\ &+ \text{Gross earning of the part-time motorcyclists (B)} \\ A &= 294 \text{ baht} * 300 \text{ days} * 15409 \text{ motorcyclists.} \\ B &= ((294/11)*5)\text{baht} * 250 \text{ days} * 642 \text{ motorcyclists.} \end{aligned}$$

Win owners' income is calculated only from the queue-fee income only. However, in practice, some Win-owners charge an amount of tea money from a transfer of Win-coat ownership, i.e. 1,000 baht per each transfer. Therefore, it should be noted that the income calculated here is the minimum amount. The calculation depends on the fact that the queue fee is collected everyday whether or not Win-coat owners provide the service. In addition the queue fee is not reduced to the part-time motorcyclists. Therefore, the formula is:

$$\text{income} = 9 \text{ baht} * 365 \text{ days} * 16051 \text{ motorcyclists}$$

According to Chapter 3 (see Table 3.11), 20.7 percent of the Win-owners' income is paid to the police. Therefore, this amount is the Win-owners' operation cost.

Appendix 5.3

Latest Price of Win-Coat Classified by Size, Owner, and Operating Areas.

Baht

Size	Area	Soi			Crowded-Area			Main Road			Total Average
	owner	Win	Win-coat	Price	Win	Win-coat	Price	Win	Win-coat	Price	
Small	group	SV1	14	12000				SRV1	6	n.a.	
		SV4	13	8000							
		SV5	20	8000							
		HR2	15	80000							
LP3		25	n.a								
		PCH1	15	7000							
		Average	17	23000						23000	
	single	SV2	25	12000	WTBR2	25	3000	SL1	11	5000	
		SV3	23	7000	BKN3	15	2500				
		SMRI	22	35000							
		RKH1	30	3000							
			Average	25	14250						9643
Average of Small			22	19111		20	2750		9	5000	15208
Medium	group	PRS1	42	47000							
	single	JS2*	45	20000	DNRW1	35	6500				
		JS3	64	25000	WTBR1	50	5000				
		JS4	55	9000	BKN1	60	5000				
		JS1	37	40000	BK1	51	17000				
		PRS2*	43	17000							
		LP1	46	n.a.							
		LP2	56	40000							
		PHYT2	50	0							
		PK1*	36	0							
		TS2	55	4500							
		TS3*	70	5000							
		BKN4*	62	40000							
		ST2	58	5000							
		ST3	40	4000							
		SV7	35	25000							
		SV8	60	7500							
		PCH2	50	40000							
PCH3	32	50000									
RKH3	35	7800									
SV6	31	5000									
		Average	48	18147						15763	
Average of Medium			48	19590		49	8375				18491
Large	single	JS5	80	6000	DNRW2*	150	500				
		PHYT1	123	10500	BKN2	170	3500				
		SS1	90	6500	ST1*	100	hired				
		BKB1*	100	1500							
		TS1	130	n.a.							
		BKB2*	200	10000							
Average of Large			121	6960		105	2000				5500
Average of Area			52	17597		73	4875		9	5000	15051

Note : * are the Wins which still do not restrict the number of Win-coats.
Source: Survey