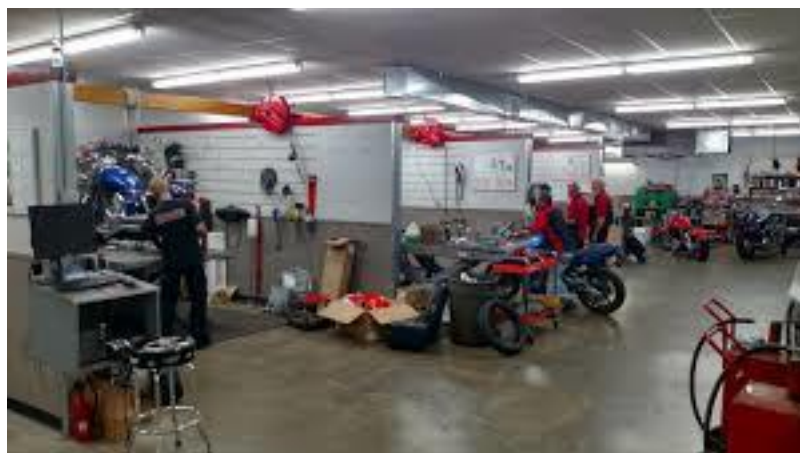


Highlight Report on Survey of Motor vehicle and Motorcycle Service Centre 2072/73



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Introduction

1.1 Background

The survey of motor vehicle and motorcycle service centers, 2015 (2072-73 BS) is the first sample survey carried out by the Trade Statistics Section of the Central Bureau of Statistics (CBS). It has collected the information on the activities of Section G (Wholesale and retail trade; repair of motor vehicles and motorcycles), Division 45 (Wholesale and retail trade and repair of motor vehicles and motorcycles), Groups 452 (Maintenance and repair of motor vehicles) and 454 (Sale, maintenance and repair of motorcycles and related parts and accessories) of International Standard Industrial Classification of All Economic Activities, ISIC 2008, Revision IV. Similar survey had been carried out by the Establishment Survey Section of the CBS in 2005 (2061 BS) at a small scale.

It includes the repair and maintenance activities motor vehicles and motorcycles. It covers the activities of establishments such as workshops, service centers, garage, mechanical centers, etc. registered in any authorities of the government.

1.2 Objectives

The main objective of the survey was to update the contribution of the motor vehicle and motorcycle service center to the economy of Nepal. The specific objectives of the survey were:

- To identify the current size, nature and distribution of motor vehicle and motorcycle service centers
- To analyze the economic activities related to employment, fixed capital, financial transaction, etc.
- To avail information the waste management practices of these service centers and problems faced while conduction their repair and maintenance services.

1.3 Scope and coverage of the survey

The Survey covers the motor vehicle and motor cycles service centers all the country. The reference period of the survey for all the economic activities was the fiscal year 2014 (2071-72). For number of employees, the reference day is the 1stMagh 2071 BS.

1.4 Sampling design

The Survey covers the vehicle and motor vehicles service centers all the country. Altogether 1230 establishments were selected for the survey. There were 6 geographical domains consisting of each province from 1 to 5 and provinces 6 and 7 were merged to form a single domain. There were 2 strata each from the motor vehicle repair and maintenance workshops and the motorcycle repair and maintenance workshops. Altogether 12 groups were formed to select the

establishments using PPS (Probability Proportional to Size) sampling technique where numbers of employees were the measure of size.

Selection of sample by type and province

Province	Motor Vehicle repair	Motorcycle repair	Total
1	106	125	231
2	51	115	166
3	128	146	274
4	103	96	199
5	127	105	232
6 & 7	51	77	128
Total	566	664	1,230

Table 1: Summary table

Descriptions	Motor vehicle	Motor cycle	Total
No. of workshop	2286	2550	4836
No. of employee	11553	9816	21369
Wages, Salaries & Other benefits (Rs.,000)	873308	499816	1373124
Change in Stocks at the end of the year (Rs.,000)	189133	182770	371903
Gross addition to fixed assets (Rs.,000)	266221	87634	353855
Gross fixed assets at the end of the year (Rs.,000)	5133426	2828499	7961925
Gross operating cost (Rs.,000)	3705700	2865875	6571575
Intermediate consumption (Rs.,000)	2706190	2312373	5018563
Value of output (Rs.,000)	4983990	3758527	8742517

Table 2.1: Number and types of employee by sex

Type of employees	Unpaid		Paid		Total	
	Male	Female	Male	Female	Male	Female
Proprietor	5572	373	320	19	5892	393
Productive technical worker	292	20	4842	4	5134	24
Productive other worker	302	10	6075	36	6377	46
Administrative worker	137	60	528	104	665	164
Trainee worker	2632	42	0	0	2632	42
Total	8935	506	11765	163	20700	669

Table 2.2: Number and types of employee by sex (Motor Vehicle)

Type of employees	Unpaid		Paid		Total	
	Male	Female	Male	Female	Male	Female
Proprietor	2721	190	160	10	2881	200
Productive technical worker	143	9	2800	0	2943	9
Productive other worker	129	0	3702	9	3831	9
Administrative worker	83	17	350	32	433	49
Trainee worker	1194	4	-	-	1194	4
Total	4269	220	7012	52	11281	271

Table 2.3: Number and types of employee by sex (Motorcycle)

Type of employees	Unpaid		Paid		Total	
	Male	Female	Male	Female	Male	Female
Proprietor	2851	183	160	9	3011	192
Productive technical worker	149	12	2042	4	2191	15
Productive other worker	172	10	2373	27	2546	37
Administrative worker	55	43	178	72	232	115
Trainee worker	1438	38	0	0	1438	38
Total	4666	286	4753	112	9418	398

Table 3: Operating cost in different sectors (In Rs.,000)

Descriptions	Motor Vehicle	Motorcycle	Total
Wages, Salaries & Other benefits	873308	499816	1373124
Expenditure of purchasing parts for Maintenance	1578710	913310	2492020
Expenditure of purchasing parts for Selling	743160	1049793	1792953
Water, Electricity & Fuels	138708	91398	230106
Land & Building Rent	108836	37861	146697
Other	262976	273698	536675
Total (Rs.,000)	3705700	2865875	6571575

Table 4: Income From different sectors (In Rs.,000)

Descriptions	Motor Vehicle	Motorcycle	Total
Income from Services including goods	3695922	2208109	5904031
Income from sells of goods	991427	1289284	2280711
Income from Land Rent	922	7200	8122
Others Income	107509	78363	185873
Total	4795779	3582957	8378736

Table 5.1: Change in Stock (in Rs.,000)

Descriptions	Opening Stock	Closing Stock	Change in Stock
Purchasing material for the repair	912692	1178636	265944
Purchased material for sale in same condition	917701	994973	77272
Fuel	13537	19514	5978
Other (Specify)	192741	215450	22709
Total	2036671	2408574	371903

Table 5.2: Change in Stock (Motor Vehicle) in Rs.,000

Descriptions	Opening Stock	Closing Stock	Change in Stock
Purchasing material for the repair	477424	622972	145548
Purchased material for sale in same condition	604626	635696	31070
Fuel	8151	10539	2387
Other (Specify)	115579	125706	10127
Total	1205780	1394913	189133

Table 5.3: Change in Stock (Moter Cycle) in Rs.,000

Descriptions	Opening Stock	Closing Stock	Change in Stock
Purchasing material for the repair	435269	555664	120395
Purchased material for sale in same condition	313076	359278	46202
Fuel	5385	8976	3590
Other (Specify)	77161	89744	12582
Total	830891	1013661	182770

Table 6.1: Fixed Assets (in Rs.,000)

Descriptions	Fixed Assets			
	Beginning of the year	Addition to Fixed Assets	Sold of Fixed Assets	Maintenance of Fixed Assets
land and building	5866663406	128242873	6960000	12597312
Transport & Furniture	616313898	126739983	19153925	20530277
Machine, Equipment and Computer & Software	1074226043	98518602	6485706	25233513
others	24854937	353782	0	250000
Total	7582058284	353855239	32599631	58611103

Table 6.2: Fixed Assets (Motor Vehicle) in Rs.,000

Descriptions	Fixed Assets			
	Beginning of the year	Addition to Fixed Assets	Sold of Fixed Assets	Maintenance of Fixed Assets
land and building	3724758892	106867415	6960000	11025234
Transport & Furniture	331001838	84353661	8544866	13423595
Machine, Equipment and Computer & Software	786769858	74749871	5779427	19894756
others	1365001	250000	0	250000
Total	4843895590	266220947	21284293	44593585

Table 6.3: Fixed Assets (Motor Cycle) in Rs.,000

Descriptions	Fixed Assets			
	Beginning of the year	Addition to Fixed Assets	Sold of Fixed Assets	Maintenance of Fixed Assets
land and building	2141904514	21375458	0	1572078
Transport & Furniture	285312059	42386322	10609059	7106682
Machine, Equipment and Computer & Software	287456185	23768730	706279	5338757
others	23489936	103782	0	0
Total	2738162695	87634292	11315338	14017518

Table 7.1: No of Employment by age and sex

Age group	Nepalese		Non-Nepalese		Total	
	Male	Female	Male	Female	Male	Female
Below 15 year	238	0	29	0	266	0
15 - 59 year	17128	650	3154	5	20283	655
Above 59 year	140	14	11	0	151	14
	17506	664	3194	5	20700	669

Table 7.2: No of Employment by age and sex (Motor Vehicle)

Age group	Nepalese		Non-Nepalese		Total	
	Male	Female	Male	Female	Male	Female
Below 15 year	112	0	19	0	131	0
15 - 59 year	9040	266	2047	5	11088	271
Above 59 year	63	0	0	0	63	0
	9215	266	2067	5	11281	271

Table 7.3: No of Employment by age and sex (Motor Cycle)

Age group	Nepalese		Non-Nepalese		Total	
	Male	Female	Male	Female	Male	Female
Below 15 year	126	0	10	0	136	0
15 - 59 year	8088	384	1107	0	9195	384
Above 59 year	77	14	11	0	88	14
	8291	398	1127	0	9418	398

Table 8: Number and distribution of service center having Waste Management

Waste Management	Motor Vehicle		Motorcycle		Total	
	Number	Percent	Number	Percent	Number	Percent
Yes	2,052	89.8	2,344	91.9	4,396	90.9
No	234	10.2	207	8.1	440	9.1
Total	2,286	100.0	2,550	100.0	4,836	100.0

Table 9: Average working days and working hour per day

Average	Motor Vehicle	Motorcycle	Total
working days per week	6	6	6
working hour per day	8	9	9

Table 10: Number and distribution of service center having Insurance

Insurance	Motor Vehicle		Motorcycle		Total	
	Number	Percent	Number	Percent	Number	Percent
Yes	94	4.1	45	1.8	138	2.9
No	2192	95.9	2506	98.3	4698	97.1
Total	2286	100.0	2550	100.0	4836	100.0

Table 11: Main problems of service centre by types

Problems	Motor Vehicle(%)	Motorcycle(%)	Total(%)
Government policy and act regulation	12.3	14.0	13.2
Capital	22.0	27.2	24.7
Raw material	4.0	3.1	3.6
Manpower	18.8	15.7	17.2
Market (Monopoly or Illegal competition)	11.2	10.3	10.7
Training	7.2	10.6	9.0
Waste management	3.7	5.6	4.7
Other problems (specify..)	15.1	7.8	11.3
Not any problem	5.7	5.6	5.7
Total	100.0	100.0	100.0