



SRI LANKA

**ANNUAL SURVEY OF CONSTRUCTION
INDUSTRIES**

1996

*department of census and statistics
ministry of finance and planning*

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INDUSTRIES
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PREFACE

The first survey on Construction Industry was conducted in 1993 with the assistance of Institute for Construction Training and Development (ICTAD). Thereafter the Department continues to conduct the survey annually to cater the needs of National Planners and other data users.

This publication provides the results of 1996 survey on which the reference period was 1995. The frame for this survey was the list of contractors registered with ICTAD and Provincial Councils. The sample of Certificate of Conformation (COC) holders were not included in this survey, as they were included for Building Material & Construction Output Survey 1996.

Any suggestion to improve this survey and report is most welcome.



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The planning, collection and processing of data and the preparation of this report were done by the staff of the Industry and Construction Division under the guidance of Mr. D.J.C.S. Jayalath, Deputy Director and under the direction of Mrs. A.B.S. Fernando, Statistician with the assistance of Mr. D.S.S. Gunawardana, Statistical Officer.

Computer Data Processing was done by Mr. W.F.M.J. Fernando Statistical Officer using the Software Package Dbase III+ and the statistical tables were obtained by Mr. R.D.N. Premawansa, Statistical Investigator using the software package SPSS/PC+. Editing and coding of data was done by Mr. U. L. A. Niyas and Miss K. A. P. Deepanie, Statistical Investigators under the direct supervision of Mr. D. S. S. Gunawardana, Statistical Officer.

Data collection of the follow up stage was done by the statistical investigators attached to the divisional secretariats and the Industry and Construction Division of the Department under the supervision of District Statisticians/Statistical Officers and Staff officers of the Industry and Construction Division, respectively.

Preparation of the publication was done by Mr. D.S.S. Gunawardana, Statistical Officer using the Macintosh software package.

Acknowledgements are also due to Mr. K.D. Siripala, Deputy Director and his staff for printing this report within a short period.

The publication of this report and conducting of the survey were done under the overall guidance of Mrs. Suranjana Vidyaratna, Additional Director.

The co-operation given by the respondents is also much appreciated.

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Survey of Construction Industry - Sri Lanka 1996

1. Introduction

Survey on Construction Industry was conducted in 1993 for the first time in Sri Lanka mainly to furnish data regarding input, output and their trends to the Institute for Construction Training and Development (ICTAD). The Department of Census and Statistics continues to conduct the survey annually to cater the requirements of the data users along with the rapid development of the construction industry in Sri Lanka.

2. Scope and Coverage

In this survey, all construction activities undertaken by the contractors registered with ICTAD and Provincial Councils. Therefore the construction activities undertaken by other contractors and informal construction activities are excluded from this survey.

Information collected relating to the following sectors of the construction industry.

- i. Building construction
- ii. Highway construction
- iii. Bridge construction
- iv. Water supply & water work
- v. Irrigation & canal development
- vi. Reclamation of low lying areas
- vii. Other construction

Above construction activities are categorized under Civil Engineering activities except building construction.

3 Methodology

The questionnaire was posted to selected contractors in order to collect information such as, value of contract, value of work done, expenditure for work done during the year and employment by activity and by sector.

Field follow up for non responding contractors was done by using the trained Statistical Investigators attached to respective Divisional Secretary Divisions and Industry & Construction Division under the supervision of Statisticians and Statistical Officers in Colombo and Districts.

Final response was 60 % and the information given in this publication is related to contractors responded at the above survey.

4. Frame

List of contractors registered with the ICTAD which was used as the frame for the Survey of Construction Industry - 1993, has been used as the frame for this year 1996. As this frame seemed to be incomplete, the contractors registered with the Provincial Councils were also added to the ICTAD list of contractors.

5. Sample Design

Stratified systematic sampling method was used for the survey and the list of contractors registered with the ICTAD was divided into 6 strata according to the grading system of ICTAD considering the Financial terms. Contractors categorize under grade 1 to grade 4 were 100% canvassed and a probability sample was selected from other contractors as mentioned below.

Sample Frame	1996 Sample fraction	Sample Size
1. List of contractors registered with ICTAD	Grade 1-4 100% Grade 5-6 25%	742
2. List of contractors registered with Provincial Councils	50%	256
Total		998

6. Concepts & Definitions

a) Reference Period

Data relating to construction activities carried out during the 'calendar year 1995 or financial year 1995/96

b) Number of Persons Engaged

This refers to the average number of persons engaged during the reference period, including working proprietors, active business partners, unpaid family workers and other paid workers.

c) Salaries & Wages

Amount paid as salaries, wages or subcontract on work done during the period.

d) Output

Value of work done during the year

e) Input

Expenditure on goods & services = goods + services + other expenses.

f) Value Added

Value added the increment to the value of commodities and services that is contributed by the contractor. It is computed as follows.

$$\text{Output} - \text{Input} = \text{Value added.}$$

Sl. No.	Description	Quantity	Rate	Amount
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TABLE 1: SELECTED INDICATORS OF CONSTRUCTION ACTIVITY CLASSIFIED BY TYPE OF WORK AND SECTOR 1995

TYPE OF WORK	TOTAL NO.OF ACTIVITIES	LABOUR COST (Rs.)	VALUE OF WORK DONE (Rs.)	COST OF MATERIALS (Rs.)	VALUE ADDED (Rs.)
ALL SECTORS					
BUILDING	678	281,822,954	1,884,427,173	934,982,419	662,224,984
HIGHWAY	176	748,185,513	2,144,455,238	883,721,789	1,142,299,934
BRIDGE	38	54,102,181	189,269,488	79,781,882	91,027,885
WATER SUPPLY & DRAINAGE	45	16,476,998	81,230,434	33,906,319	35,476,459
IRRIGATION & LAND DRAINAGE	108	20,512,197	76,651,042	30,273,717	33,924,922
DREDGING & RECLAMATION	6	635,500	2,039,860	581,000	1,282,880
OTHER	34	7,256,473	43,429,290	23,996,695	15,797,305
TOTAL	1,085	1,128,991,816	4,421,502,525	1,987,243,821	1,982,034,369
PUBLIC SECTOR					
BUILDING	581	161,833,894	864,585,548	435,130,289	363,520,820
HIGHWAY	155	740,210,237	2,112,521,640	869,383,957	1,130,339,670
BRIDGE	31	53,573,181	187,047,488	78,936,854	90,226,913
WATER SUPPLY & DRAINAGE	35	10,648,798	54,637,034	18,048,789	27,329,473
IRRIGATION & LAND DRAINAGE	100	20,152,197	74,851,042	29,373,717	33,188,854
DREDGING & RECLAMATION	4	239,500	619,000	289,000	290,020
OTHER	25	4,899,315	31,727,510	16,965,880	13,059,940
TOTAL	931	991,557,122	3,325,989,262	1,448,128,486	1,657,955,690
PRIVATE SECTOR					
BUILDING	97	119,989,060	1,019,841,625	499,852,130	298,704,164
HIGHWAY	21	7,975,276	31,933,598	14,337,832	11,960,264
BRIDGE	7	529,000	2,222,000	845,028	800,972
WATER SUPPLY & DRAINAGE	10	5,828,200	26,593,400	15,857,530	8,146,986
IRRIGATION & LAND DRAINAGE	8	360,000	1,800,000	900,000	736,068
DREDGING & RECLAMATION	2	396,000	1,420,860	292,000	992,860
OTHER	9	2,357,158	11,701,780	7,030,815	2,737,365
TOTAL	154	137,434,694	1,095,513,263	539,115,335	324,078,679

**TABLE 2 : TYPE OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & DISTRICT
1995**

PROVINCE & DISTRICT	ACTIVITY					
	BUILDING CONSTRUCTION				HIGHWAY CONSTRUCTION	
	VALUE OF MATERIALS CONSUMED (Rs.)		LABOUR COST (Rs)		VALUE OF MATERIALS CONSUMED (Rs.)	
	SECTOR		SECTOR		SECTOR	
PUBLIC	PRIVATE	PUBLIC	PRIVATE	PUBLIC	PRIVATE	
WESTERN						
COLOMBO	93,177,821	262,514,715	24,446,561	66,986,419	231,622,835	9,100,000
GAMPAHA	18,859,090	77,600,319	7,477,055	7,654,925	35,084,084	2,050,000
KALUTARA	12,244,320	59,080,000	5,905,593	15,174,000	28,594,680	
CENTRAL						
KANDY	64,661,898	14,947,490	22,983,959	10,573,256	82,553,500	
MATALE	4,991,680	246,000	2,083,520	103,000	13,131,738	
NUWARA ELIYA	41,796,987	153,000	14,568,584	49,000	27,007,613	
SOUTHERN						
GALLE	13,077,100	66,122,000	8,180,200	12,170,000	19,534,840	625,000
MATARA	10,050,113	150,000	2,672,577	116,000	36,150,123	
HAMBANTOTA	9,129,265		3,730,065		22,685,000	
NORTHERN						
VAVUNIA	1,388,012		526,326			
MULLATIV					599,040	
EASTERN						
BATTICALOA					6,648,375	
AMPARA					15,812,138	
TRINCOMALEE	2,881,493		1,200,000		11,707,530	
NORTH-WEST						
KURUNEGALA	22,245,134		7,939,878		38,001,049	
PUTTALAM	13,828,592	11,900,000	7,248,910	2,900,000	26,970,323	
NORTH-CENTRAL						
ANURADHAPURA	21,568,943	4,212,360	11,277,584	3,161,460	46,535,375	
POLONNARUWA	11,343,386		3,162,335		64,130,229	1,386,048
UVA						
BADULLA	21,242,832	942,532	8,786,591	297,000	56,206,000	82,784
MONARAGALA	13,735,283		5,155,532		19,772,785	
SABARAGAMUWA						
RATNAPURA	28,313,412	1,328,200	11,952,939	494,600	49,450,800	854,000
KEGALLE	30,594,928	655,514	12,535,685	309,400	37,185,900	240,000

(continued)

**TABLE 2 : TYPE OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & DISTRICT
1995**

PROVINCE & DISTRICT	ACTIVITY					
	HIGHWAY CONSTRUCTION		BRIDGE CONSTRUCTION			
	LABOUR COST (Rs.)		VALUE OF MATERIAL CONSUMED (Rs.)		LABOUR COST (Rs.)	
	SECTOR		SECTOR		SECTOR	
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	PUBLIC	PRIVATE
WESTERN						
COLOMBO	135,391,698	4,689,000	5,637,729		3,630,500	
GAMPAHA	35,396,301	350,000	3,402,000		3,200,000	
KALUTARA	27,573,949					
CENTRAL						
KANDY	71,066,918					
MATALE	11,207,502					
NUWARA ELIYA	24,552,302		8,969,488		6,392,169	
SOUTHERN						
GALLE	13,342,816	234,130	25,953,867		14,440,467	
MATARA	26,574,319		2,743,500	630,028	2,199,050	360,000
AMBANTOTA	16,350,118					
NORTHERN						
VAVUNIA						
MULLATIV	449,280					
EASTERN						
BATTICALOA	13,228,609					
AMPARA	10,239,476					
TRINCOMALEE	18,432,889					
NORTH-WEST						
KURUNEGALA	34,495,719		8,236,575		8,152,427	
PUTTALAM	50,434,586		583,670		283,166	
NORTH-CENTRAL						
ANURADHAPURA	46,905,113		1,685,280		1,078,760	
POLONNARUWA	75,627,170	1,786,000				
UVA						
BADULLA	43,718,418	356,068	1,928,000		1,022,000	
MONARAGALA	19,494,489					
SABARAGAMUWA						
RATNAPURA	44,871,265	375,078	19,669,303	180,000	13,066,442	160,000
KEGALLE	20,857,300	185,000	127,442	35,000	108,200	9,000

(continued)

**TABLE 2 : TYPE OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & DISTRICT
1995**

PROVINCE & DISTRICT	ACTIVITY					
	WATER SUPPLY & DRAINAGE				IRRIGATION & LAND DRAINAGE	
	VALUE OF MATERIALS CONSUMED (Rs.)		LABOUR COST (Rs.)		VALUE OF MATERIALS CONSUMED (Rs.)	
	SECTOR		SECTOR		SECTOR	
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	PUBLIC	PRIVATE
WESTERN						
COLOMBO	2,050,000	37,600	1,461,000	10,800		
GAMPAHA	1,840,200		1,145,000		803,000	300,000
KALUTARA					223,800	
CENTRAL						
KANDY	105,055	117,860	71,228	64,344	2,848,000	
MATALE		500,000		300,000	1,207,072	
NUWARA ELIYA	184,240	49,600	94,000	20,000		
SOUTHERN						
GALLE	616,000		198,000		866,280	
MATARA		2,455,070		1,360,056	730,000	
HAMBANTOTA	35,000		25,000		600,000	
NORTHERN						
VAVUNIA					779,400	
MULLATIV						
EASTERN						
BATTICALOA						
AMPARA	1,864,324		609,000			
TRINCOMALEE					63,000	
NORTH-WEST						
KURUNEGALA					75,000	
PUTTALAM						
NORTH-CENTRAL						
ANURADHAPURA	25,840		3,400		15,870,905	600,000
POLONNARUWA	2,400,000		1,175,000		1,936,260	
UVA						
BADULLA		12,500,000		4,000,000		
MONARAGALA					2,052,000	
SABARAGAMUWA						
RATNAPURA	8,363,660	197,400	5,472,240	73,000	1,259,000	
KEGALLE	564,470		394,930		60,000	

(continued)

TABLE 2 : TYPE OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & DISTRICT

1995

PROVINCE & DISTRICT	ACTIVITY					
	IRRIGATION & LAND DRAINAGE		DREDGING & RECLAMATION			
	LABOUR COST (Rs.)		VALUE OF MATERIALS CONSUMED (RS)		LABOUR COST (Rs.)	
	SECTOR		SECTOR		SECTOR	
	PUBLIC	PRIVATE	PUBLIC	PRIVATE	PUBLIC	PRIVATE
WESTERN						
COLOMBO			181,000		79,500	
GAMPAHA	614,500	120,000				
KALUTARA	193,050					
CENTRAL						
KANDY	5,862,000			112,000		71,000
MATALE	998,188					
NUWARA ELIYA						
SOUTHERN						
GALLE	425,500			180,000		325,000
MATARA	426,000					
HAMBANTOTA	400,000					
NORTHERN						
VAVUNIA						
MULLATIV	346,400					
EASTERN						
BATTICALOA						
AMPARA						
TRINCOMALEE	857,000					
NORTH-WEST						
KURUNEGALA	80,000					
PUTTALAM						
NORTH-CENTRAL						
ANURADHAPURA	5,985,179	240,000				
POLONNARUWA	1,141,000					
UVA						
BADULLA						
MONARAGALA	1,386,380					
SABARAGAMUWA						
RATNAPURA	1,387,000		108,000		160,000	
KEGALLE	50,000					

(continued)

TABLE 2 : TYPE OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & DISTRICT 1995

PROVINCE & DISTRICT	ACTIVITY			
	OTHER			
	VALUE OF MATERIALS CONSUMED (Rs.)		LABOUR COST (Rs.)	
	SECTOR		SECTOR	
	PUBLIC	PRIVATE	PUBLIC	PRIVATE
WESTERN				
COLOMBO	1,235,000	738,000	846,000	550,000
GAMPAHA	160,000		45,000	
KALUTARA				
CENTRAL				
KANDY	29,738	43,815	18,634	8,658
MATALE				
NUWARA ELIYA	123,970		63,250	
SOUTHERN				
GALLE				192,500
MATARA	1,600,000		1,000,000	
HAMBANTOTA				
NORTHERN				
VAVUNIA				
MULLATIV				
EASTERN				
BATTICALOA				
AMPARA				
TRINCOMALEE				
NORTH-WEST				
KURUNEGALA				
PUTTALAM		6,000,000		1,500,000
NORTH-CENTRAL				
ANURADHAPURA	13,027,572	240,000	2,126,431	98,000
POLONNARUWA	16,000		240,000	
UVA				
BADULLA	600,000		200,000	
MONARAGALA				
SABARAGAMUWA				
RATNAPURA	60,000		160,000	
KEGALLE	113,600	9,000	200,000	8,000

TABLE :3 PRINCIPAL INDICATORS OF CONSTRUCTION ACTIVITY CLASSIFIED BY EMPLOYMENT SIZE CLASS 1995

EMPLOYMENT SIZE	TOTAL NO. OF ACTIVITIES	PERSONS ENGAGED (No.)	VALUE OF WORK DONE (Rs.)	COST OF MATERIALS (Rs.)	VALUE ADDED (Rs.)
1 - 4	93	293	87,682,829	27,171,135	52,655,881
5 - 9	247	1,630	112,647,409	54,068,750	51,429,420
10 - 14	221	2,495	143,054,590	74,205,830	57,400,181
15 - 19	165	2,672	140,092,289	77,167,647	51,329,033
20 - 29	158	3,578	269,651,622	121,179,727	117,555,421
30 - 39	74	2,441	188,540,455	98,389,668	75,797,119
40 - 49	31	1,318	171,119,921	86,406,185	59,496,760
50 - 99	39	2,549	451,758,697	242,951,415	168,257,501
100 - 199	20	2,818	640,342,175	305,546,840	213,952,066
200 - 299	8	1,871	238,116,699	102,691,932	70,739,926
300 - 399	4	1,385	185,895,514	85,372,407	53,109,980
400 & OVER	25	32,929	1,792,600,325	712,092,285	1,010,311,081
TOTAL	1,085	55,979	4,421,502,525	1,987,243,821	1,982,034,369

TABLE 4: SELECTED INDICATORS OF CONSTRUCTION ACTIVITY CLASSIFIED BY PROVINCE 1995

PROVINCE	TOTAL NO.OF ACTIVITIES	LABOUR COST (Rs.)	VALUE OF WORK DONE (Rs.)	VALUE OF MATERIALS CONSUMED (Rs.)
WESTERN	237	342,940,851	1,797,663,154	846,536,193
CENTRAL	122	171,151,512	575,382,805	263,780,744
SOUTHERN	107	104,721,798	497,004,518	213,933,186
NOTHERN	14	1,322,006	5,734,905	2,766,452
EASTERN	7	44,566,974	98,846,297	38,976,860
NORTH- WEST	49	113,034,686	304,681,046	127,840,343
NORTH-CENTRAL	239	154,007,432	441,355,556	184,978,198
UVA	47	84,416,478	281,970,240	129,062,216
SABARAGAMUWA	263	112,830,079	418,864,004	179,369,629
TOTAL	1,085	1,128,991,816	4,421,502,525	1,987,243,821

**TABLE 5 : SELECTED INDICATORS OF CONSTRUCTION ACTIVITY CLASSIFIED BY
VALUE OF CONTRACT SIZE CLASS & SECTOR 1995**

SIZE CLASS (Rs. 000')	TOTAL NO. OF ACTIVITIES (Rs.)	LABOUR COST (Rs.)	VALUE OF WORK DONE (Rs.)	VALUE OF MATERIALS CONSUMED (Rs.)	VALUE ADDED (Rs.)
ALL SECTORS					
LESS THAN 250	306	8,929,483	33,139,552	16,080,459	14,799,122
250 - 999	397	40,677,491	162,120,422	81,896,310	68,508,639
1,000 - 4,999	194	75,315,236	341,590,584	175,848,616	132,273,600
5,000 - 14,999	100	106,238,600	529,296,356	240,880,990	247,219,642
15,000 - 49,999	55	230,217,900	914,237,270	420,159,726	392,995,100
50,000 & OVER	33	667,613,106	2,441,118,341	1,052,377,720	1,126,238,266
TOTAL	1,085	1,128,991,816	4,421,502,525	1,987,243,821	1,982,034,369
PUBLIC					
LESS THAN 250	260	7,400,187	28,071,802	13,607,332	12,564,656
250 - 999	353	36,041,665	143,790,118	73,561,433	60,216,329
1,000 - 4,999	167	66,584,406	301,800,667	158,188,550	114,681,194
5,000 - 14,999	81	77,165,022	417,932,309	179,116,934	204,391,476
15,000 - 49,999	46	206,093,896	761,711,663	348,299,517	341,520,207
50,000 & OVER	24	598,271,946	1,672,682,703	675,354,720	924,581,828
TOTAL	931	991,557,122	3,325,989,262	1,448,128,486	1,657,955,690
PRIVATE					
LESS THAN 250	46	1,529,296	5,067,750	2,473,127	2,234,466
250 - 999	44	4,635,826	18,330,304	8,334,877	8,292,310
1,000 - 4,999	27	8,730,830	39,789,917	17,660,066	17,592,406
5,000 - 14,999	19	29,073,578	111,364,047	61,764,056	42,828,166
15,000 - 49,999	9	24,124,004	152,525,607	71,860,209	51,474,893
50,000 & OVER	9	69,341,160	768,435,638	377,023,000	201,656,438
TOTAL	154	137,434,694	1,095,513,263	539,115,335	324,078,679

TABLE 6 : INSTITUTIONS BY TYPE OF WORK CLASSIFIED BY PROVINCE 1995

PROVINCE	ACTIVITY						
	BUILDING CONSTRUC- TION	HIGHWAY CONSTRUC- TION	BRIDGE CONSTRUC- TION	WATER SUPPLY & DRAINAGE	IRRIGATION & LAND DRAINAGE	DREDGING & RECLA- MATION	OTHER
WESTERN	183	30	4	5	9	2	4
CENTRAL	83	14	1	8	12	1	3
SOUTHERN	58	25	5	5	11	1	2
NORTHERN	2	4	0	0	8	0	0
EASTERN	1	3	0	2	1	0	0
NORTH - WEST	39	2	6	0	1	0	1
NORTH - CENTRAL	138	30	6	4	48	0	13
UVA	24	10	1	1	10	0	1
SABARAGAMUWA	150	58	15	20	8	2	10
TOTAL	678	176	38	45	108	6	34

TABLE 7 : SELECTED RATIOS CLASSIFIED BY TYPE OF ACTIVITY & BY SECTOR 1995

TYPE OF ACTIVITY	VALUE OF WORK DONE IN 1995/ TOTAL VALUE OF CONTRACT	VALUE OF MATERIALS CONSUMED/ VALUE OF WORK DONE	LABOUR COST/ VALUE OF WORK DONE	OUT PUT/ PERSONS ENGAGED	VALUE ADDED/ PERSONS ENGAGED
ALL SECTORS					
BUILDING	.48	.50	.15	146.136	51.355
HIGHWAY	.80	.41	.35	58.078	30.937
BRIDGE	.90	.42	.29	62.403	30.012
WATER SUPPLY & DRAINAGE	.42	.42	.20	114.895	50.179
IRRIGATION & LAND DRAINAGE	.46	.39	.27	40.152	17.771
DREDGING & RECLAMATION	.71	.28	.31	18.888	11.879
OTHER	.26	.55	.17	107.765	39.199
PUBLIC					
BUILDING	.55	.50	.19	93.651	39.376
HIGHWAY	.81	.41	.35	58.062	31.067
BRIDGE	.90	.42	.29	64.057	30,900
WATER SUPPLY & DRAINAGE	.37	.33	.19	112.654	56,349
IRRIGATION & LAND DRAINAGE	.46	.39	.27	41.014	18,186
DREDGING & RECLAMATION	.96	.47	.39	6.878	3,222
OTHER	.21	.53	.15	117.509	48,370
PRIVATE					
BUILDING	.43	.49	.12	278.417	81,546
HIGHWAY	.54	.45	.25	59.136	22,149
BRIDGE	.98	.38	.24	19.664	7,088
WATER SUPPLY & DRAINAGE	.57	.60	.22	119,790	36,698
IRRIGATION & LAND DRAINAGE	1.00	.50	.20	21.429	8,763
DREDGING & RECLAMATION	.64	.21	.28	78.937	55,159
OTHER	.95	.60	.20	87.983	20,582

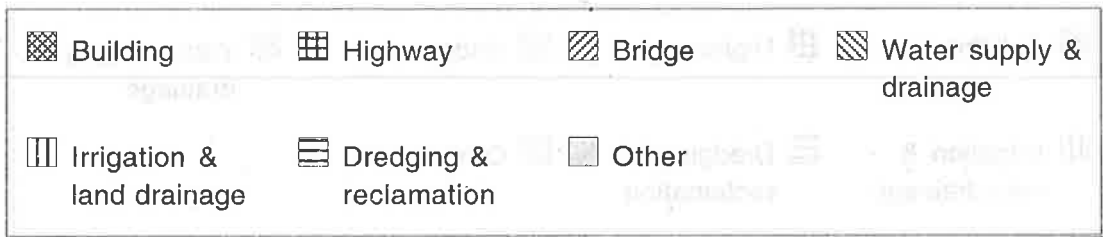
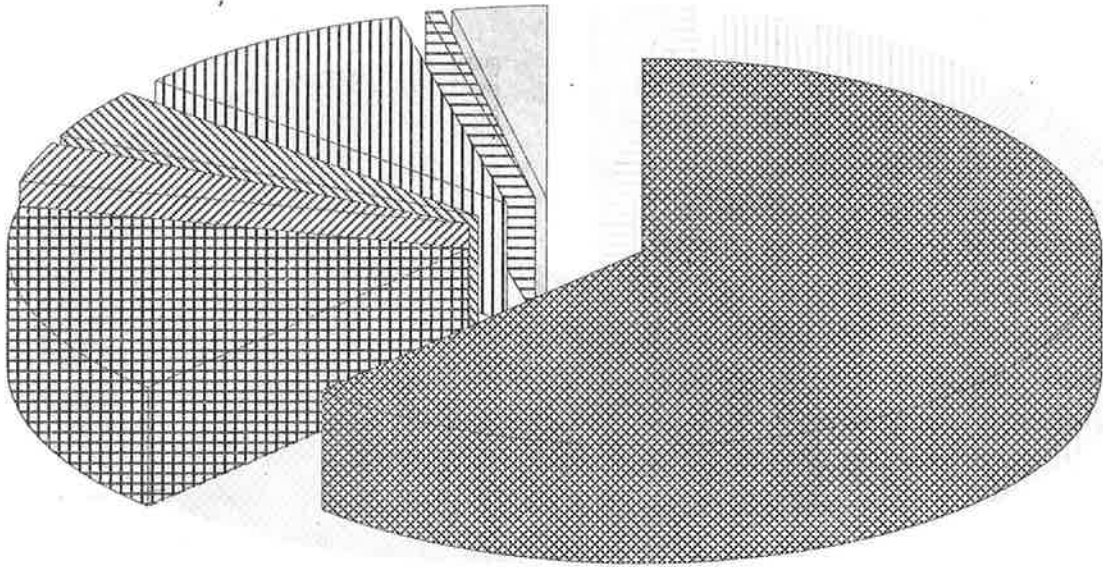
**TABLE 8 : SELECTED RATIOS CLASSIFIED BY VALUE OF CONTRACT SIZE & BY SECTOR
1995**

SIZE CLASS (Rs.000')	VALUE OF WORK DONE IN 1995/ TOTAL VALUE OF CONTRACT	VALUE OF MATERIALS CONSUMED/ VALUE OF WORK DONE	LABOUR COST/ VALUE OF WORK DONE	OUT PUT/ PERSONS ENGAGED	VALUE ADDED/ PERSONS ENGAGED
ALL SECTORS					
LESS THAN 250	.94	.49	.27	11,908	5,318
250 - 999	.81	.51	.25	27,737	11,721
1,000 - 4,999	.75	.51	.22	82,690	32,020
5,000- 14,999	.64	.46	.20	132,060	61,682
15,000 - 49,999	.64	.46	.25	91,223	39,213
50,000 & OVER	.55	.43	.27	83,629	38,583
PUBLIC					
LESS THAN 250	.93	.48	.26	11,765	5,266
250 - 999	.80	.51	.25	28,569	11,964
1,000 - 4,999	.76	.52	.22	81,590	31,003
5,000- 14,999	.62	.43	.18	137,162	67,080
15,000 - 49,999	.66	.46	.27	81,528	36,554
50,000 & OVER	.69	.40	.36	60,390	33,381
PRIVATE					
LESS THAN 250	.97	.49	.30	12,765	5,628
250 - 999	.84	.45	.25	22,574	10,212
1,000 - 4,999	.72	.44	.22	92,106	40,723
5,000- 14,999	.72	.55	.26	115,884	44,566
15,000 - 49,999	.54	.47	.16	224,633	75,810
50,000 & OVER	.38	.49	.09	515,037	135,158

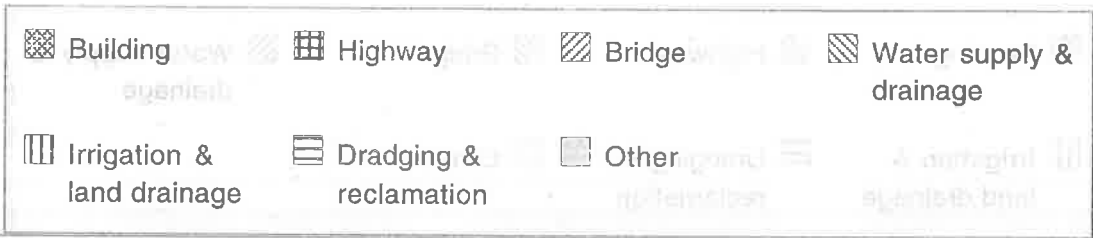
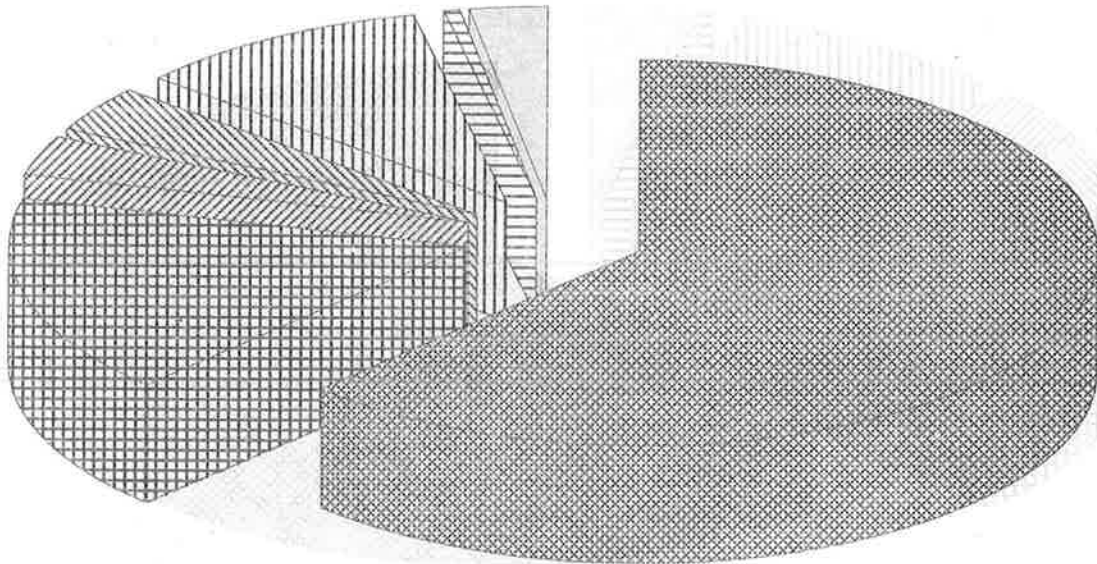
TABLE 9 : VALUE OF OUTPUT (IN RUPEES) OF CONSTRUCTION ACTIVITIES CLASSIFIED BY PROVINCE & ACTIVITY 1995

PROVINCE	ACTIVITY						
	BUILDING CONSTRUCTION (Rs.)	HIGHWAY CONSTRUCTION (Rs.)	BRIDGE CONSTRUCTION (Rs.)	WATER SUPPLY & DRAINAGE (Rs.)	IRRIGATION & LAND DRAINAGE (Rs.)	DREDGING & RECLAMATION (Rs.)	OTHER (Rs.)
WESTERN	1,035,701,196	714,076,899	24,631,118	12,765,200	2,656,661	319,000	7,513,080
CENTRAL	243,750,898	294,089,211	20,410,310	1,821,899	14,674,986	220,860	414,641
SOUTHERN	227,370,797	190,729,113	62,160,751	6,071,500	4,482,357	1,200,000	4,990,000
NORTHERN	2,338,905	1,664,000			1,732,000		
EASTERN	5,841,334	87,577,790		3,418,949	2,008,224		
NORTH - WEST	91,444,003	178,516,975	25,445,068		275,000		9,000,000
NORTH - CENTRAL	72,055,611	303,060,728	4,158,000	4,364,600	38,201,669		19,514,948
UVA	63,352,056	186,732,563	4,287,000	20,000,000	6,644,000		954,621
SABARAGAMUWA	142,572,373	188,007,959	48,177,241	32,788,286	5,976,145	300,000	1,042,000
TOTAL	1,884,427,173	2,144,455,238	189,269,488	81,230,434	76,651,042	2,039,860	43,429,290

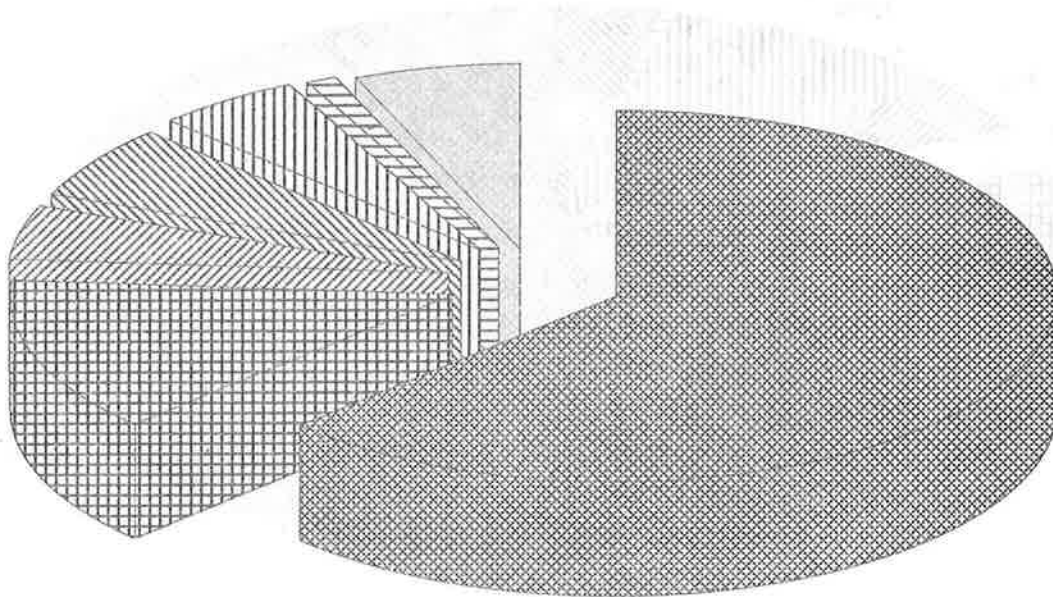
**Chart 01 - Number of Construction Activity by Type of Work
- All Sectors 1995**










**Chart 02 - Number of Construction Activity by Type of Work
- Public Sector 1995**

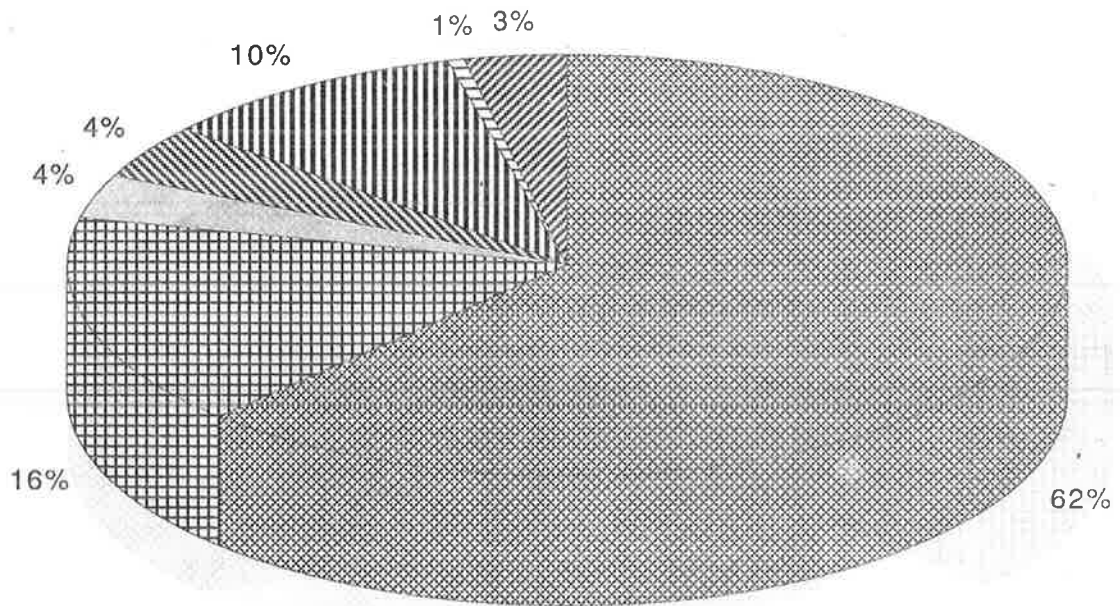


**Chart 03-Number of Construction Activity by Type of Work
- Private Sector 1995**

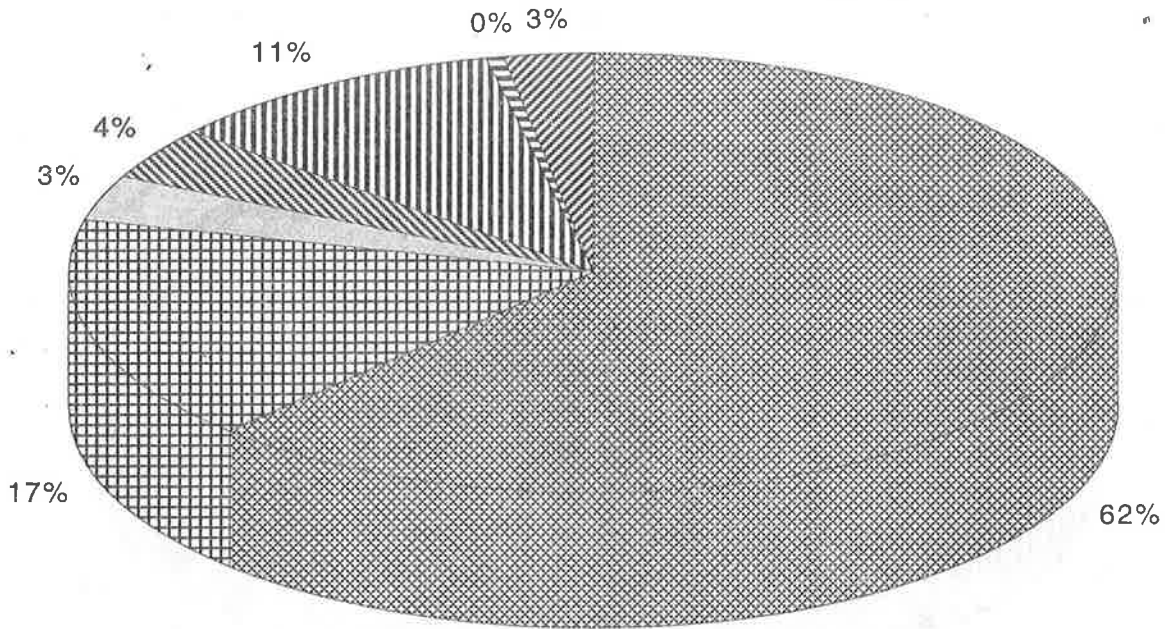


 Building	 Highway	 Bridge	 Water supply & drainage
 Irrigation & land drainage	 Dredging & reclamation	 Other	

**Chart 04 - Percentage Distribution of Construction Activity
by Type of Work - All Sectors 1995**



**Chart 05 - Percentage Distribution of Construction Activity
by Type of Work - Public Sector 1995**



Building	Highway	Bridge	Water supply & drainage
Irrigation & land drainage	Dradging & reclamation	Other	

**Chart 06 - Percentage Distribution of Construction Activity
by Type of Work - Private Sector 1995**

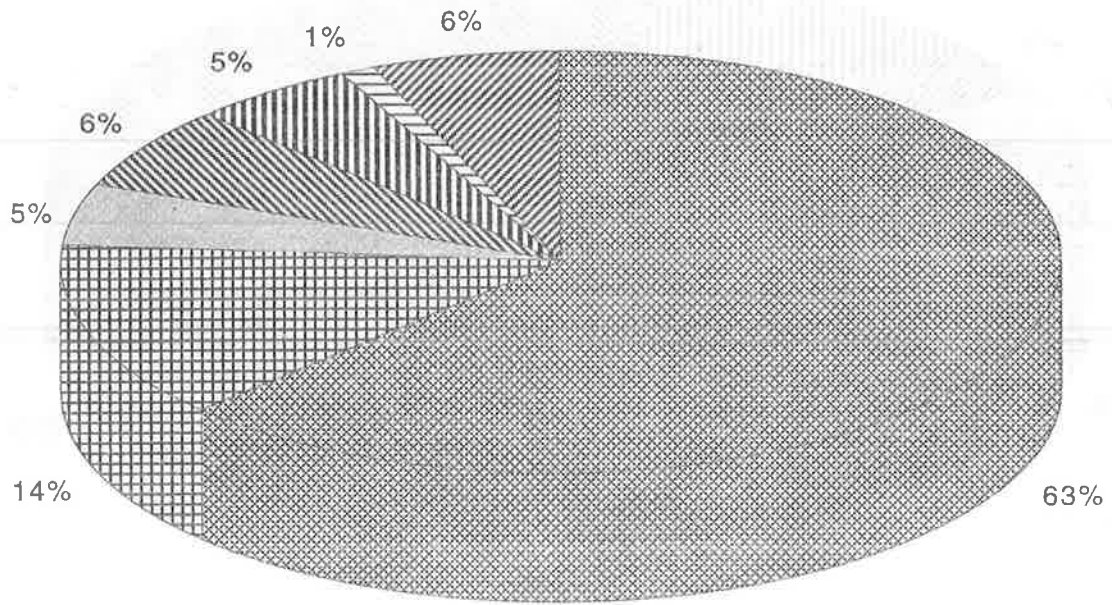


Chart 07 - Total Number of Construction Activity by Province 1995

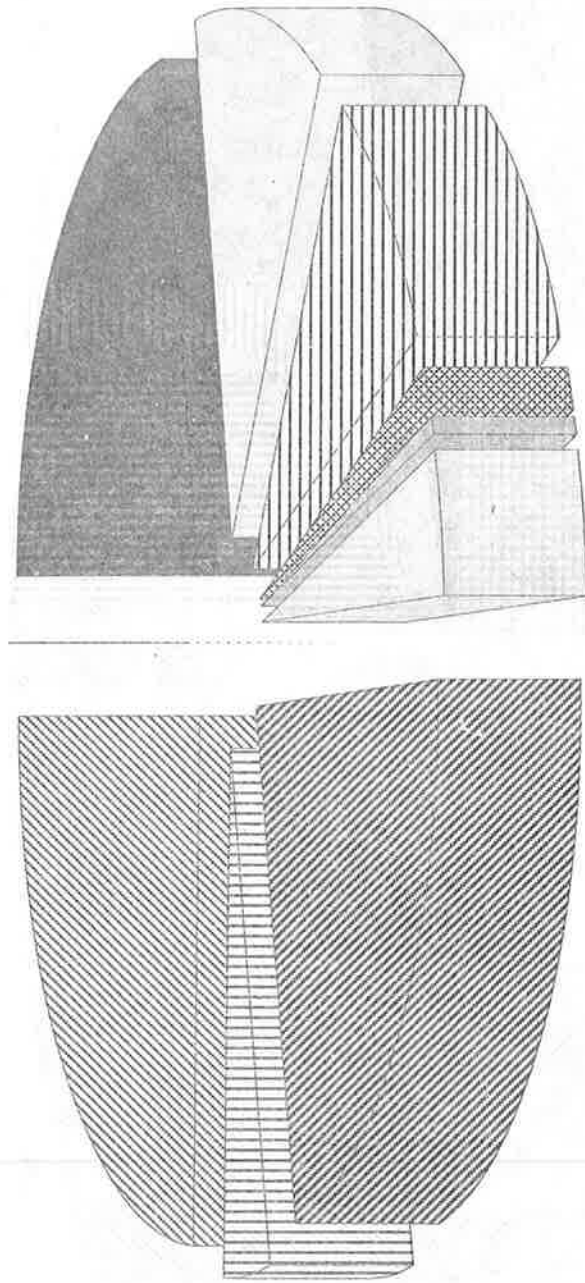


Chart 08 - Percentage Distribution of Construction Activity by Province 1995

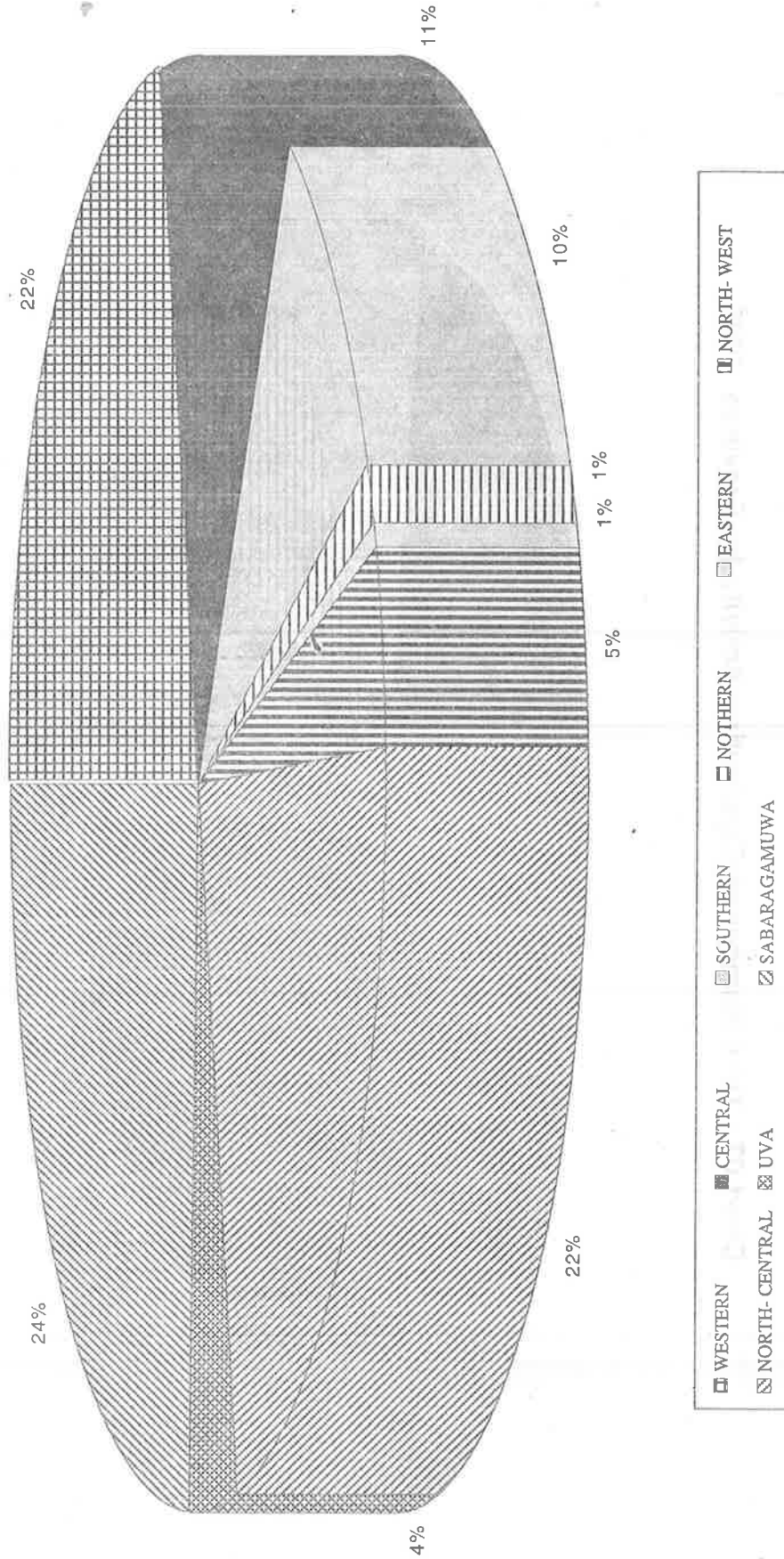
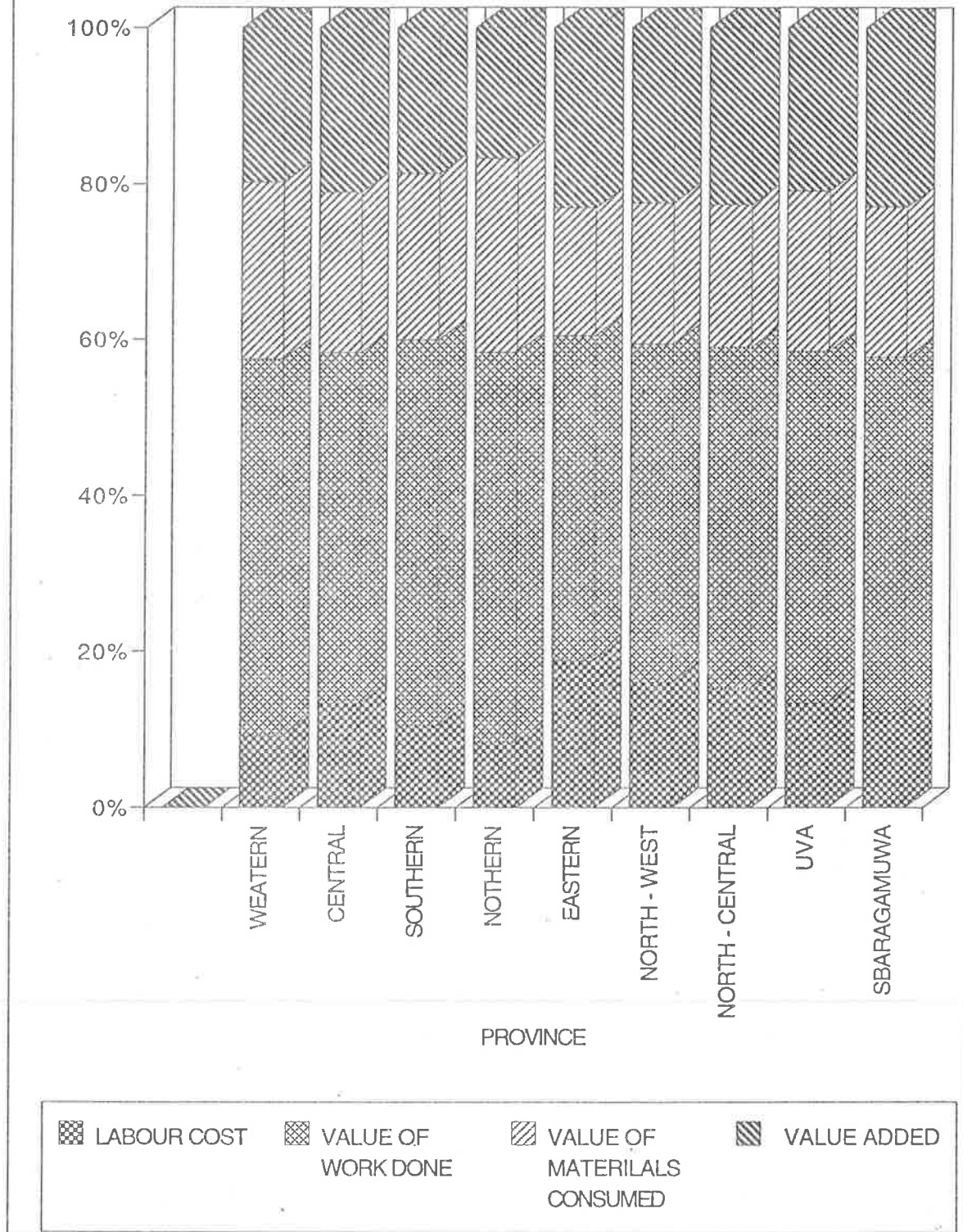


Chart 09 -Percentage Distribution of Selected Indicators of Construction Activity by Province 1995



Department of Census and Statistics
Survey of Construction Industry 1996

Confidential

This information is sought under the statistics ordinance as amended in 1956. Individual information will be treated as Strictly Confidential

Reference No.

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Return completed schedules to:

The Deputy Director,
Industry and Construction Division,
Department of Census and Statistics,
No. 444/1, Havelock Road,
Colombo 06.
Tel. No. 592908 Fax No. 595939

The information required is for 1995 or 1995/96 financial year. If book figures are Not Available Carefully prepared estimates could be accepted.

1.0 Identification Particulars

1.1 Name of the Enterprise/ Proprietor

1.2 Address of the Enterprise/ Proprietor
(if there is no special name for the establishment state the name and address of the proprietor)

1.3 Telephone Number

1.4 Registered No. (If registered with ICTAD)

2.0 Employment

2.1 Total no. of Employees as at 30th June 1995.

Male	Female

3.0 Input Cost - Consumption

Categories	Values (Rs.)
3.1 Construction materials	
3.2 Packing materials and stationary	
3.3 Electricity, Fuel and Water	

3.0 The cost of all material inputs including packing materials and stationary and cost of any type of fuel (Gas, Petrol, Diesel, Kerosene oil, Fire wood, Charcoal etc.) and electricity and water consumed for the construction purpose Should be included here.

Instruction for perfecting the questionnaire

A. A questionnaire is to be completed for each enterprise engaged in construction activity. The enterprise is defined as the unit that is engaged in the construction process under a single legal entity for which separate records available.

All the construction work (construction activities) done by one construction enterprise should be furnished in one questionnaire. If two separate parts of one construction activity is done by two or more contractors, separate schedule should be completed. One person or one institute which is engaged in a construction activity and simultaneously undertaking sub contracts at another place its acceptable to furnish information in a single schedule.

B. The following fields are to be covered for this survey.

1. Building construction
2. Highway construction
3. Bridge construction
4. Water supply and drainage construction
5. Irrigation and land drainage construction
6. Dredging and reclamation
7. Other construction

4.0 Value of work done during the year (The calendar year 1995 or for the financial year 1995/96)

4.1 Private sector***

Type of activity during the year*	District	Total value of contract Rs.	Value of work done in the year Rs.	Expenditure for work done in the year				No. of employees	
				Materials	Services	Salaries for employees	Other Rs.	Male	Female
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9. Other activities									
10. Total									

4.2 Public sector***

Type of activity during the year*	District	Total value of contract Rs.	Value of work done in the year Rs.	Expenditure for work done in the year				No. of employees	
				Materials	Services	Salaries for employees	Other Rs.	Male	Female
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9. Other activities									
10. Total									

(i) Type of activity during the year

- | | |
|------------------------------|---|
| 1. Building construction | 5. Irrigation & land drainage |
| 1.1 Residential building | 5.1 Anicut |
| 1.2 Non-residential building | 5.2 Pump house |
| 1.3 Other building | 5.3 Sluices |
| 1.4 Repair & maintenance | 5.4 Spill |
| | 5.5 Dam |
| 2. Highway construction | 5.6 Irrigation canal |
| 2.1 Maintenance | |
| 2.2 Rehabilitation | 6. Dredging & reclamation |
| 2.3 New work | 6.1 Filling |
| | 6.2 Drainage work |
| 3. Bridge construction | 6.3 Removing sarviniya etc |
| 3.1 Causeway | 6.4 Retaining wall |
| 3.2 Bridge | |
| 3.3 Culvert | 7. Other construction activities |
| | Any construction activity which does not falls under the above categories |
| 4. Water supply & drainage | Eg: |
| 4.1 Water supply | 7.1 Construction of hightension electricity cable lines |
| 4.2 Drainage | 7.2 Construction of play grounds |
| | 7.3 Construction of swimming pools |

* All the contract work done by you should be included here. It may be one of the above type of activities. If it is not state the appropriate type of work in the space given.

(ii) District in which the construction activity is in progress/ completed

During the year 1995, the financial year 1995/96 one or more projects which are already started by the contractor or institution may be still in progress or may have finished. Include the district in which the construction activity done/ is being done.

Eg:

Type of the activity done during the year	District in which the work is in progress/ completed
1. Residential building	Gampaha
2. Non-Residential building	Puttalam
3. Other building	Ratnapura
4. Highway maintenance	Colombo

(iii.) Total value of the contract

Total value of the contract has to be given for each of work/ district separately.

(iv.) Value of work done in the year

Work or part of work done during the calendar year 1995 or the financial year 1995/96 should be included here. In case only a part of the work is done during the reference period an estimated value of work for the year has to be given.

(v) Expenditure

Materials

Furnish the expenditure of all materials consumed separately for each activity done by you excluding the value of materials consumed by sub contractors.

Service

Expenditure on electricity, water etc. should be included in this column.

Salaries for employees

This refers all payments made by the employer for all the employees for the work done during the reference period.

Other

All the other expenditure you have made in addition to the cost on Material, Services and Salaries and Wages for the Construction purpose should be included here. Please indicate on what these expenses are made by each project.

4.0 Value of work done during the year

4.1 Private sector*** - This includes, Private persons or establishments, corporations, statutory bodies

4.2 Public sector*** - This includes Ministries, Departments and Local bodies

The information on construction activity offered by you for a person or an establishment during the calendar year 1995 or financial year 1995/96 should be furnished under 4.1. If the construction activity is done as a requirement of a government body information should be furnished under 4.2 if you have done any construction work for both Government and Private sectors during the reference period, furnish the information under 4.1 and 4.2 separately.

5.0 Details of subcontractors

Name and address of subcontractors (i)	Type of subcontract (ii)	Value (Rs.) (iii)
1. _____ _____	_____	_____
2. _____ _____	_____	_____
3. _____ _____	_____	_____

The information of the subcontractors offered by you during the calendar year 1995 of financial year 1995/96 should be given here. If the number of subcontractors are more than three give their information in a separate paper.

I declare that the particulars furnished by me are true and correct.

Signature:.....

Name:.....

Date:.....

Prepared by

Signature:.....

Name:.....

Date:.....

Checked by

Signature:.....

Name:.....

Date:.....

Acknowledgements are also due to the following officers of the Industry and Construction Division (including officers working elsewhere at present) of the Department, who work as a team in all technical and other work related to the survey a success.

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Table with 2 columns: Page number, Item name (e.g., கட்டிடப்பணிகள், மின்னளவியல் பணிகள்)

மொத்தம்

Table with 2 columns: Total amount, Total page number

வெள்க் கட்டிடப்பணிகள்

Table with 2 columns: Page number, Item name (e.g., பாதாள அறைகள், மின்னளவியல் பணிகள்)

மொத்தம்

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