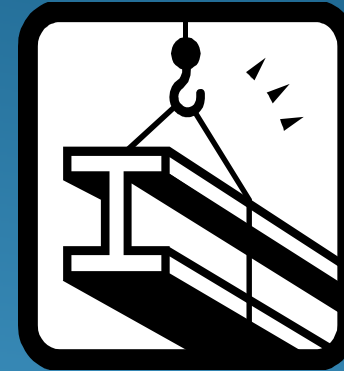


Construction Service Survey in Ethiopia



Central Statistical Agency

www.csa.gov.et



Outline

- Introduction
- Characteristics of Construction
- Aim of the Survey
- Methodology
- Result
- Conclusion



Introduction

- Meaning of Construction
- “Construction may be defined generally as economic activity directed to the creation, renovation, repair or extension of assets in the form of buildings, land improvements of an engineering nature, and other such engineering constructions as roads, bridges, dams and so forth.”

Special Characteristics of Construction

- Seasonality
- It takes more than a year to complete the work

**unable to identify works carried out on yearly basis

- In and out from construction activity
- Presence of sub contractors



Aim of construction survey

- Show the contribution of construction activity to the country GDP and level
- Quantity and distribution of man power
- Help us to get data on supply of raw material
- An input for who want to enter into this activity
- To know what challenges are there and how to solve the problem ... etc

Methodology

- Registered contractors in Urban Development and Construction Minister
- only from grade 1 – 6 contractures are included in the survey

• Grade 1=	58	} 288 Census
• Grade 2=	2	
• Grade 3=	83	
• Grade 4=	145	
• Grade 5=	384	-sample 93 = (24.2%)
• Grade 6=	<u>754</u>	-sample 276 = (36.6%)
Total	<u>1426</u>	

Table J.2 GDP by Economic Activity at Current Prices (,000 Birr)
 ሆንጠረዥ በ.2 ጠቅላላ የአገር ውስጥ ምርት በመስጨላት የኢኮኖሚ ዛርፍ በወቅቱ የገበያ ዋጋ (በቢ ብር)

Economic Activity	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	የኢኮኖሚ ዛርፍ
Agriculture, Hunting and Forestry	30,039,164	28,864,820	28,669,619	34,961,194	46,708,931	58,389,114	75,802,189	117,003,969	180,491,143	166,489,007	አርሻ
Crop	16,332,268	13,134,677	14,954,471	19,732,776	27,296,975	35,402,548	48,364,287	80,013,059	111,737,367	109,122,005	ለሰላ
Animal Farming and Hunting	9,940,983	9,788,953	9,593,350	10,710,495	13,485,245	17,484,021	20,834,045	27,663,734	37,383,517	44,022,773	አገልግሎት ልዩነትና አይን
Forestry	3,765,902	3,931,190	4,011,698	4,507,922	4,927,711	5,482,545	6,603,837	9,327,166	11,370,259	12,344,229	ይን
Fishing	25,307	25,292	18,889	37,244	49,843	62,065	72,844	104,354	136,176	178,836	ዓለ ማዘር
INDUSTRIES	8,213,202	8,682,868	8,687,886	11,127,677	12,705,082	15,448,579	20,374,418	26,689,898	44,887,085	51,749,208	አልገዳሰትሪ
Mining and Quarrying	374,823	399,246	454,242	472,837	559,778	676,017	834,067	1,028,266	1,269,813	2,475,073	ከማህተገና ስጋጋጃ ማመጣት
Manufacturing	3,608,053	3,507,611	3,866,897	4,215,671	4,682,879	5,533,464	7,136,040	9,043,416	11,813,224	14,467,218	ከፍጠራዎች
Large and Medium Scale Manufacturing	2,366,790	2,213,690	2,567,799	2,838,629	3,024,605	3,676,781	4,923,455	6,288,951	7,777,741	9,785,414	ትልልቅና መካከለኛ ፍጠራዎች
Small Scale and Cottage Industries	1,241,263	1,293,921	1,299,098	1,377,042	1,658,274	1,856,683	2,212,585	2,754,465	4,035,483	4,681,805	ትንንሽና የገበያ ኢንዱስትሪዎች
Electricity and Water	1,393,740	1,471,337	1,573,549	1,812,317	1,951,586	2,316,027	3,136,501	3,497,731	3,716,971	4,457,244	ከመጠራሾች ስለአገልግሎት ጋርዳና መሃ
Construction	2,836,588	3,204,762	3,693,337	4,626,752	5,510,819	6,921,071	9,268,810	12,000,273	16,073,853	15,882,454	ከአገልግሎትና መንገድ መሪዎች
DISTRIBUTIVE SERVICES	20,211,114	21,629,770	24,881,272	27,870,013	38,801,300	41,230,438	66,836,571	76,712,088	108,937,668	138,808,288	ከማከፋፈል ሥራ
Whole Sale and Retail Trade	7,417,352	7,120,712	8,445,545	9,635,285	11,638,598	15,354,844	21,237,645	28,627,359	46,474,247	51,880,783	አገልግሎት ችርግር ገጽታ
Hotels and Restaurants	1,372,197	1,502,759	1,613,492	1,790,250	2,102,051	2,821,683	4,247,433	6,234,556	10,154,509	14,550,779	ሆቴልና ራስቶራንት
Transport and Communications	3,501,297	3,732,240	4,186,996	5,011,770	6,823,589	8,863,056	7,927,587	9,362,530	12,766,307	15,966,605	ከመሳሪያና መገናኛ
Financial Intermediation	1,171,982	860,647	1,183,143	1,336,644	1,633,014	2,208,373	2,668,799	3,541,793	5,770,753	6,744,667	ከገንዘብ ስገዳራራ
Real Estate Renting, and Business Activities	4,459,792	5,715,877	6,411,046	6,754,311	7,486,146	9,119,465	13,380,850	19,991,368	24,297,045	36,202,533	ከማገገጥና ገቢ ገብረት
Education	1,636,198	1,919,647	2,437,523	2,580,437	2,986,734	3,793,051	4,954,206	6,357,510	7,389,912	9,840,946	ከትምህርት አገልግሎት
Health and Social work	652,296	671,888	653,527	761,316	931,168	1,069,964	1,219,051	1,596,972	2,084,785	2,421,965	ከአካላዊና ጤና አገልግሎቶች
OTHER SERVICES	5,178,077	6,188,032	6,816,480	6,783,339	8,822,423	7,841,928	8,803,517	12,038,878	18,348,398	18,238,744	አይደለም ለገልግሎቶች
Public Administration and Defense	3,867,857	3,870,482	4,119,712	4,098,847	4,686,859	5,446,514	5,920,982	7,813,965	10,320,218	11,577,246	ከአስተዳደርና ሙከራ
Other Community, Social & Personal Services	1,131,117	1,103,938	1,288,642	1,466,681	1,693,037	2,074,588	2,600,998	3,702,730	5,352,037	5,930,509	ከግብረ-ዋና ሕዝባዊ አገልግሎቶች
Private Households with Employed Persons	180,103	191,612	207,106	227,811	242,527	320,724	381,537	522,261	674,143	728,989	ከዚህ ውስጥ አገልግሎቶች እና ሌሎች
Total	63,987,854	62,162,871	68,713,124	79,779,388	98,888,680	122,950,117	180,848,517	230,429,083	318,786,137	367,794,848	ጽድር
Less: FISIM	598,646	374,224	508,904	594,115	682,806	1,006,665	1,200,359	1,629,309	2,644,247	2,842,689	
Gross Value Added at Current Basic Prices	63,069,208	61,778,647	68,204,220	79,184,951	98,005,755	121,943,453	179,648,158	228,799,774	316,141,890	364,952,159	ጠቅላላ የአገር ውስጥ ምርት በተሰራራው ዋጋ
Taxes on Products	4,957,600	4,778,000	5,228,000	7,476,000	8,467,000	9,699,000	12,186,000	16,758,000	19,138,000	28,412,000	በጥቅም ላይ ካትደረገ ቀርጥ
GDP at Current Market Prices	68,026,808	66,556,647	73,432,220	86,660,951	106,472,755	131,642,453	171,834,158	245,557,774	335,279,890	393,364,159	ጠቅላላ የአገር ውስጥ ምርት በወቅቱ በገበያ ዋጋ
	2000/01	2001/02	2002/03	2003/04	2004/05	2006/08	2008/07	2007/08	2008/08	2009/10	

The series of "-" meaning data not available is due to lack of information.
 * 2001 data are revised.
 Data source: Ministry of Finance and Economic Development (MoFED)
 Figures in () are negative values

* 2001 data are revised.
 Data source: Ministry of Finance and Economic Development (MoFED)
 Figures in () are negative values

Results (Cont'd ...)

Performance of construction work in some offices -

Sr.No	Name of Office	Own man power(Birr)	Contractors (Birr)	Total
1	EETPC	37,476,653.38	149,906,613.53	187,383,266.91
2	ERA	1,045,533,372.04	6,780,902,752.26	7,826,436,124.30
3	Ethio-telecom	8,000,000.00	14,500,000.00	22,500,000.00
4	Water works	447,277,990.09	59,959,134.21	507,237,124.30
5	AARA	261,483,157.00	1,045,932,628.00	1,307,415,785.00
	Total	1,799,771,172.51	8,051,201,128.00	9,850,972,300.51

Comparison of data obtained from different offices and survey output

VALUE OF CONSTRUCTION OUTPUT BY TYPE OF CONSTRUCTION

TYPE OF CONSTRUCTION	'000 BIRR		
	VALUE OF CONSTRUCTION OUTPUT	VALUE OF NEW CONTRACTS	VALUE OF CONTRACTS CANCELLED OR REDUCED
RESIDENTIAL BUILDINGS	1,499,450	1,277,502	63,791
NON RESIDENTIAL BUILDINGS	7,552,279	3,159,783	144,494
COMMERCIAL BUILDINGS.....	1,179,365	272,202	44,417
INDUSTRIAL BUILDINGS.....	239,906	52,491	-
EDUCATIONAL BUILDINGS.....	2,962,534	1,095,506	44,580
HEALTH BUILDINGS.....	2,264,734	830,533	34,179
Other non residential buildings	905,739	909,050	21,319
OTHER CONSTRUCTION WORKS	7,959,494	4,388,306	1,057,163
Roads.....	4,087,687	3,913,049	1,009,097
Bridges.....	98,516	120,763	24,194
Air Fields	138,344	198,185	-
Dams	2,738,640	2,371	-
pipe lines.....	287,447	92,044	-
Others	608,858	61,894	23,873
WORK DONE AS SUB CONTRACTOR	47,875	32,739	291
TOTAL	17,059,097	8,858,331	1,265,740

**COMPONENTS OF GROSS VALUE OF CONSTRUCTION OUTPUT BY MAIN CONSTRUCTION
ACTIVITY, '000 BIRR**

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	COMPONENTS OF GROSS VALUE OF CONSTRUCTION			
		REVENUE FROM NEW CONSTRUCTION	RECEIPTS FROM REPAIR AND MAINTENANCE	OTHER RECEIPTS AND SERVICE INCOME	GROSS VALUE OF CONSTRUCTION OUTPUT
PUBLIC AND PRIVATE	1,384	16,935,891	123,207	336,905	17,396,003
GENERAL CONSTRUCTION	489	9,694,728	34,494	196,210	9,925,432
BUILDING CONSTRUCTION	868	6,632,433	88,606	130,360	6,851,399
ROAD CONSTRUCTION	11	586,921	-	8,458	595,379
SPECIALIZED CONSTRUCTION	5	10,592	107	1,877	12,576
OTHERS	11	11,217	-	-	11,217
PUBLIC	22	1,180,909	2,192	13,888	1,196,989
GENERAL CONSTRUCTION	10	1,153,735	2,192	13,888	1,169,815
BUILDING CONSTRUCTION	11	27,174	-	-	27,174
ROAD CONSTRUCTION	-	-	-	-	-
SPECIALIZED CONSTRUCTION	-	-	-	-	-
OTHERS	-	-	-	-	-
PRIVATE	1,362	15,754,982	121,015	323,018	16,199,015
GENERAL CONSTRUCTION	479	8,540,993	32,302	182,323	8,755,618
BUILDING CONSTRUCTION	857	6,605,259	88,606	130,360	6,824,225
ROAD CONSTRUCTION	11	586,921	-	8,458	595,379
SPECIALIZED CONSTRUCTION	5	10,592	107	1,877	12,576
OTHERS	11	11,217	-	-	11,217

NUMBER OF ENTERPRISES, GROSS VALUE OF CONSTRUCTION OUT PUT,
CONSTRUCTION AND NON-CONSTRUCTION EXPENSES, INDIRECT TAXES NET AND
CENSUS VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT BY MAIN
CONSTRUCTION ACTIVITY, '000 BIRR

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	GROSS VALUE OF CONSTRUCTION OUTPUT	CONSTRUCTION & NON-CONSTRUCTION EXPENDITURE	INDIRECT TAXES	VALUE ADDED IN THE NATIONAL ACCOUNT CONCEPT	
					AT MARKET PRICE	AT FACTOR COST
PUBLIC AND PRIVATE	1,384	17,396,002,806	9,580,986,939	1,312,315,987	7,813,107,292	6,500,791,305
GENERAL CONSTRUCTION	489	9,925,431,679	5,128,287,633	736,650,142	4,796,999,311	4,060,349,169
BUILDING CONSTRUCTION	868	6,851,399,167	4,140,174,799	525,704,974	2,709,828,283	2,184,123,310
ROAD CONSTRUCTION	11	595,378,943	297,556,148	49,097,428	297,455,040	248,357,612
SPECIALIZED CONSTRUCTION	5	12,575,838	9,145,757	158,122	3,430,081	3,271,959
OTHERS	11	11,217,179	5,822,603	705,321	5,394,576	4,689,255
PUBLIC	22	1,196,988,120	642,184,976	136,928,692	554,803,144	417,874,452
GENERAL CONSTRUCTION	10	1,169,813,956	620,445,071	133,988,721	549,368,885	415,380,164
BUILDING CONSTRUCTION	11	27,174,165	21,739,905	2,939,971	5,434,259	2,494,288
ROAD CONSTRUCTION	-	-	-	-	-	-
SPECIALIZED CONSTRUCTION	-	-	-	-	-	-
OTHERS	-	-	-	-	-	-
PRIVATE	1,362	16,199,014,685	8,938,801,963	1,175,387,295	7,258,304,147	6,082,916,853
GENERAL CONSTRUCTION	479	8,755,617,723	4,507,842,562	602,661,421	4,247,630,426	3,644,969,005
BUILDING CONSTRUCTION	857	6,824,225,003	4,118,434,893	522,765,002	2,704,394,024	2,181,629,022
ROAD CONSTRUCTION	11	595,378,943	297,556,148	49,097,428	297,455,040	248,357,612
SPECIALIZED CONSTRUCTION	5	12,575,838	9,145,757	158,122	3,430,081	3,271,959
OTHERS	11	11,217,179	5,822,603	705,321	5,394,576	4,689,255

GROSS VALUE OF CONSTRUCTION OUTPUT, BY CAPITAL AND MAIN CONSTRUCTION ACTIVITY,

MAIN CONSTRUCTION ACTIVITY	NUMBER OF ENTERPRISES	CAPITAL IN BIRR					TOTAL
		UNDER 5 MILLION	5 AND UNDER 10 MILLION	10 AND UNDER 15 MILLION	15 AND UNDER 20 MILLION	20 MILLION AND OVER	
PUBLIC AND PRIVATE	1,384	5,393,893,166	851,279,975	725,603,408	259,745,742	10,165,480,514	17,396,002,806
GENERAL CONSTRUCTION	489	889,142,244	351,233,345	451,509,280	39,010,838	8,194,535,972	9,925,431,679
BUILDING CONSTRUCTION	868	4,443,079,191	480,037,790	274,094,128	220,734,904	1,433,453,153	6,851,399,167
ROAD CONSTRUCTION	11	37,878,714	20,008,840	-	-	537,491,389	595,378,943
SPECIALIZED CONSTRUCTION	5	12,575,838	-	-	-	-	12,575,838
OTHERS	11	11,217,179	-	-	-	-	11,217,179
PUBLIC	22	27,174,165	-	332,318,226	-	837,495,730	1,196,988,120
GENERAL CONSTRUCTION	10	-	-	332,318,226	-	837,495,730	1,169,813,956
BUILDING CONSTRUCTION	11	27,174,165	-	-	-	-	27,174,165
ROAD CONSTRUCTION	-	-	-	-	-	-	-
SPECIALIZED CONSTRUCTION	-	-	-	-	-	-	-
OTHERS	-	-	-	-	-	-	-
PRIVATE	1,362	5,366,719,002	851,279,975	393,285,182	259,745,742	9,327,984,784	16,199,014,685
GENERAL CONSTRUCTION	479	889,142,244	351,233,345	119,191,054	39,010,838	7,357,040,242	8,755,617,723
BUILDING CONSTRUCTION	857	4,415,905,027	480,037,790	274,094,128	220,734,904	1,433,453,153	6,824,225,003
ROAD CONSTRUCTION	11	37,878,714	20,008,840	-	-	537,491,389	595,378,943
SPECIALIZED CONSTRUCTION	5	12,575,838	-	-	-	-	12,575,838
OTHERS	11	11,217,179	-	-	-	-	11,217,179



THANK YOU

›ScÓ“KG<!!