

Table 1 - Workload of Architects Handling Active In-house New Works Projects from 1995/96 to 2000/01

	Workload Indicator	Actual Workload					
		1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01
No. of projects in different stages							
Planning and Scheme Design		45	48	29	13	16	45*
Detailed Design		30	27	50	43	12	13
Building Construction		48	47	49	62	75	65
Total No. of Projects		123	122	128	118	103	123
No. of Architects **							
		62	63	61	62	60	58
No. of projects per Architect	2	2.0	1.9	2.1	1.9	1.7	2.1

Notes: 1. * The number includes some projects in feasibility stage that will be outsourced to consultants subsequently. The number of projects per architect may be lowered then.

2. ** The No. of Architects include only those deployed on in-house new works project duties.

Table 2 - Workload of Structural Engineers Handling Active In-house New Works Projects from 1995/96 to 2000/01

	Workload Indicator	Actual Workload					
		1995/96	1996/97	1997/98	1998/99	1999/2000	2000/01
No. of projects in active stages							
Detailed Design and Tender Documentations		30	27	50	43	12	13
Piling Construction		15	19	24	35	13	5
Building Construction		48	47	49	62	75	65
Total No. of Active Projects (A)		93	93	123	140	100	83
No. of Structural Engineers (B)		57	56	58	62	62	61
No. of Senior Structural Engineers (C)		10	11	10	11	10	12
No. of Chief Structural Engineers (D)		2	2	2	2	2	2
No. of Active Projects per Structural Engineer (A + B)	2	1.6	1.7	2.1	2.3	1.6	1.4
No. of Active Projects overseen by each Senior Structural Engineer (A + C)		9.3	8.5	12.3	12.7	10.0	6.9
No. of Active Projects overseen by each Chief Structural Engineer (A + D)		46.5	46.5	61.5	70.0	50.0	41.5

Notes:

1. In addition to the Active Projects, the structural engineering discipline is also required to handle other ancillary duties such as,

- (a) providing input on feasibility study of new sites;
- (b) administering demolition works required for redevelopment sites; and
- (c) providing input on final accounts for piling and building works.

These ancillary duties either call for relatively limited scope of involvement of the SE, entail short-term workload or involve only transient input from the discipline over a long time span. Therefore they have not been counted towards the Active Projects. As an indication, a project structural engineer on average handled the ancillary duties of two to three such other projects from 1995/96 to 1999/2000. These ancillary duties are also overseen by the SSE and the CSE.

2. The analysis is based on data obtained from the Computerized Project Management System of HD taken at October each year on the basis of the monthly allocation chart.

Source of information: Housing Department