

Distribution of Exposure Dose

【Scope of Coverage】

No. of Emergency Workers	External Exposure	Internal Exposure		External + Internal Exposure
Since March: 3754	3754(March)	WBC before Aug. 5	3715(March)	3715(March)
Since April: 3689	3689(April)		3463(April)	3463(April)
Since May: 3209	3209(May)	To be evaluated	2721(May)	2721(May)
	➡ Table1		➡ Table 2	➡ Table 3
			39(March)	39(March)
		226(April)	226(April)	
		488(May)	488(May)	

(*)The results do not include those who worked outside Fukushima Daiichi Nuclear Power Station.

1 . External Exposure Dose

Table 1 shows the distribution of external exposure dose (from March 11 to 31, from April 1 to 30, from May 1 to 31) of those who engaged in emergency works (*1).

1 The results in April and May do not include the exposure dose during the stay inside Main Anti-Earthquake Building and the move to Fukushima Daiichi Nuclear Power Station. However, such data as glass badges may be included. The results in March, April and May include the double-counted and those who do not need to be evaluated.

Table 1 .

m S v	March			April			May		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
over 250	0	0	0	0	0	0	0	0	0
200 to 250	0	0	0	0	0	0	0	0	0
150 to 200	6	3	9	0	0	0	0	0	0
100 to 150	22	8	30	0	0	0	0	0	0
50 to 100	107	55	162	0	2	2	0	0	0
20 to 50	268	144	412	6	50	56	2	17	19
10 to 20	560	324	884	22	248	270	8	130	138
0 to 10	691	1,566	2,257	606	2,755	3,361	268	2,784	3,052
Total	1,654	2,100	3,754	634	3,055	3,689	278	2,931	3,209
Max. (m S v)	182.3	199.4	199.4	42.7	65.9	65.9	24.6	41.6	41.6
Ave. (m S v)	19.0	9.1	13.5	2.1	3.3	3.1	2.4	2.7	2.6

2 . Internal exposure dose (tentative)

Table 2 below shows the distribution of internal exposure dose (tentative^{*2})for workers who had WBC measurement by August 5, out of those who have once experienced emergency works.

² Tentative: If a worker does not have WBC measurement after he/she was exposed to radiation, a tentative evaluation will be conducted under the condition that the worker took in all amount of radioactive materials (since March 12, if engaged from the beginning) in which case we assume the amount reach the maximum. The evaluation includes either the reevaluation by behavioral survey or detailed evaluation by JAEA.

Table 2

m S v	March			April			May		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	5	0	5	0	0	0	0	0	0
200 to 250	1	0	1	0	0	0	0	0	0
150 to 200	1	0	1	0	0	0	0	0	0
100 to 150	5	0	5	0	0	0	0	0	0
50 to 100	36	43	79	0	0	0	0	0	0
20 to 50	180	76	256	0	2	2	0	0	0
10 to 20	395	252	647	1	38	39	0	1	1
0 to 10	1,029	1,692	2,721	633	2,789	3,422	278	2,442	2,720
Total	1,652	2,063	3,715	634	2,829	3,463	278	2,443	2,721
Max. (m S v)	590.0	98.5	590.0	18.8	41.8	41.8	9.4	10.1	10.1
Ave. (m S v)	12.0	6.3	8.9	0.3	0.8	0.7	0.2	0.2	0.2

3 . Total dose of internal and external exposure

The total dose of internal and external exposure for workers who had evaluation of internal exposure dose (tentative: the above section) is shown in Table 3 below.

Table 3

m S v	March			April			May		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	6	0	6	0	0	0	0	0	0
200 to 250	0	2	2	0	0	0	0	0	0
150 to 200	12	2	14	0	0	0	0	0	0
100 to 150	66	15	81	0	0	0	0	0	0
50 to 100	190	113	303	0	3	3	0	0	0
20 to 50	522	325	847	9	77	86	2	18	20
10 to 20	505	486	991	21	289	310	8	140	148
0 to 10	351	1,120	1,471	604	2,460	3,064	268	2,285	2,553
Total	1,652	2,063	3,715	634	2,829	3,463	278	2,443	2,721
Max. (m S v)	670.4	238.4	670.4	45.6	69.3	69.3	24.8	41.6	41.6

Ave. (m S v)	31.0	15.5	22.4	2.3	4.3	3.9	2.5	3.2	3.1
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