

## Exposure Dose Distribution

### 1. Exposure Dose

The distribution of external exposure dose of the workers who engaged in the emergency works during the past 3 months (numbers of workers who entered each area every month) is shown in Table 1.

Table 1

Classification (mSv)	April 2013			May 2013			June 2013		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 100	0	0	0	0	0	0	0	0	0
75-100	0	0	0	0	0	0	0	0	0
50-75	0	0	0	0	0	0	0	0	0
20-50	0	0	0	0	0	0	0	0	0
10-20	0	5	5	0	5	5	0	5	5
5-10	4	111	115	2	85	87	5	75	80
1-5	108	1165	1273	99	1123	1222	78	1065	1143
1 or less	949	4030	4979	900	3932	4832	808	3684	4492
Total	1061	5311	6372	1001	5145	6146	891	4829	5720
Max. (mSv)	5.90	14.40	14.40	8.60	15.80	15.80	7.33	17.08	17.08
Ave. (mSv)	0.49	0.88	0.81	0.44	0.82	0.76	0.38	0.79	0.73

\* Numbers dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

### 2. Total of external exposure and internal exposure doses combined

The accumulative exposure doses of the workers who engaged in the emergency works at the end of May (March 11, 2011 to May 31, 2013) and at the end of June (March 11, 2011 to June 30, 2013) is shown in Table 2. The exposure dose distributions at the end of May (April 2013 to May 2013) and at the end of June (April 2013 to June 2013) are shown in Table 3.

Table 2

Classification (mSv)	March 2011-May 2013			March 2011-June 2013			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 250	6	0	6	6	0	6	0	0	0
200-250	1	2	3	1	2	3	0	0	0
150-200	24	2	26	24	2	26	0	0	0
100-150	118	20	138	118	20	138	0	0	0
75-100	238	84	322	241	88	329	3	4	7
50-75	303	612	915	303	639	942	0	27	27
20-50	615	3730	4345	613	3791	4404	-2	61	59

10-20	506	3557	4063	517	3547	4064	11	-10	1
5-10	427	3294	3721	423	3332	3755	-4	38	34
1-5	627	6265	6892	630	6313	6943	3	48	51
1 or less	934	6933	7867	935	7029	7964	1	96	97
Total	3799	24499	28298	3811	24763	28574	12	264	276
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	24.52	10.53	12.41	24.54	10.57	12.43	-	-	-

\* Numbers dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

\* There has been no significant internal radiation exposure reported since October 2011.

\* The accumulative exposure doses are fluctuated due to the reexamination of internal radiation exposure.

Table 3

Classification (mSv)	April 2013-May 2013			April 2013-June 2013			Fluctuation		
	TEPCO	Contractor	Total	TEPCO	Contractor	Total	TEPCO	Contractor	Total
Over 100	0	0	0	0	0	0	0	0	0
75-100	0	0	0	0	0	0	0	0	0
50-75	0	0	0	0	0	0	0	0	0
20-50	0	2	2	0	11	11	0	9	9
10-20	1	58	59	4	162	166	3	104	107
5-10	17	344	361	35	529	564	18	185	203
1-5	247	1884	2131	337	2257	2594	90	373	463
1 or less	867	3882	4749	809	3768	4577	-58	-114	-172
Total	1132	6170	7302	1185	6727	7912	53	557	610
Max. (mSv)	13.42	22.80	22.80	15.27	28.31	28.31	-	-	-
Ave. (mSv)	0.85	1.44	1.35	1.10	1.89	1.77	-	-	-

\* Numbers dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

### 3. Total of external exposure and internal exposure doses of specific workers under high radiation dose

Distribution of the accumulative exposure dose of the Specific workers under high radiation dose\*<sup>1</sup> is shown in Table 4.

Table 4

Classification (mSv)	April 2013	May 2013	June 2013	March 2011- June 2013
Over 100	0	0	0	1
75-100	0	0	0	133
50-75	0	0	0	192
20-50	0	0	0	222
10-20	0	0	0	77
5-10	4	2	4	60

1-5	92	78	70	43
1 or less	386	396	355	15
Total	482	476	429	743
Max. (mSv)	5.90	8.60	7.33	102.69
Ave. (mSv)	0.74	0.61	0.53	44.29

(55 workers did not enter the site in June.)

\*<sup>1</sup> Specific workers under high radiation dose

The workers who applied Emergency dose limit (100mSv) shown in “Ordinance on Prevention of Ionizing Radiation Hazards, chapter 7.” Specifically, it means the workers who engaged in the work to maintain the function that cooling reactor facility or spent fuel tank at the area where the radiation dose exceed 0.1 mSv/h and reactor facility, steam turbine and related facilities and surrounding area in the power plant or the work to maintain the function to control or prevent release of huge amount radioactive material due to trouble or break of reactor facility. Until now, all Specific workers under high radiation dose are TEPCO Employees.

\*<sup>2</sup> Definition of the specific workers under high radiation dose is changed to the workers who were applied as the specific workers under high radiation dose for each month. However, workers who are no longer are the specific workers under high radiation dose are included in the figures from March 2011 to June 2013.

\*<sup>3</sup> Numbers dose and workers are subject to change, due to replacement of APD data to monthly dose data measured by integral dosimeter and reflection of workers who wear integral dosimeter (example: workers who entered only the Main Anti-earthquake Building).

\*<sup>4</sup> A person who exposed the maximum dose rate (over 100mSv) in the figures from March 2011 to June 2013 has emerged due to the reexamination of internal radiation exposure in March 2011.

End