

## 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)	March 2014			April 2014			May 2014		
	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	1	1
10-20	0	23	23	0	19	19	0	33	33
5-10	0	227	227	1	234	235	0	180	180
1-5	85	1867	1952	94	1743	1837	49	1698	1747
1 or less	1012	4940	5952	999	5438	6437	954	5792	6746
Total	1097	7057	8154	1094	7434	8528	1003	7704	8707
Max. (mSv)	4.80	18.49	18.49	5.70	16.00	16.00	4.91	20.70	20.70
Ave. (mSv)	0.36	1.07	0.98	0.38	0.98	0.91	0.25	0.89	0.82

\*The numbers of 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 April (March 11, 2011 to April 30, 2014) and at the end of May (March 11, 2011 to May 31, 2014) is shown in Table 2. The exposure dose distributions at the end of April (April 2014) and at the end of May (April 2014 to May 2014) are shown in Table 3.

**Table 2**

Classification (mSv)	March 2011 – April 2014			March 2011 – May 2014			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
15-200	25	2	27	25	2	27	0	0	0
100-150	118	20	138	118	20	138	0	0	0
75-100	272	134	406	273	136	409	1	2	3
50-75	322	980	1302	322	1013	1335	0	33	33
20-50	608	4563	5171	609	4661	5270	1	98	99
10-20	556	4223	4779	562	4264	4826	6	41	47
5-10	458	3971	4429	459	4040	4499	1	69	70
1-5	730	7475	8205	738	7747	8485	8	272	280
1 or less	1074	8665	9739	1092	8997	10089	18	332	350
Total	4170	30035	34205	4905	30882	35087	35	847	882
Max. (mSv)	678.80	238.42	678.80	678.80	238.42	678.80	-	-	-
Ave. (mSv)	23.58	10.95	12.49	23.45	10.87	12.38	-	-	-

\* The numbers of 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.

**Table 3**

Classification (mSv)	April 2014			April 2014 – May 2014			Fluctuation		
	TEPCO	Contactor	Total	TEPCO	Contactor	Total	TEPCO	Contactor	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	4	4	0	4	4
10-20	0	19	19	0	164	164	0	145	145
5-10	1	234	235	8	539	547	7	305	312
1-5	94	1743	1837	198	2885	3083	104	1142	1246
1 or less	999	5438	6437	1004	5378	6382	5	-60	-55
Total	1094	7434	8528	1210	8970	10180	116	1536	1652
Max. (mSv)	5.70	16.00	16.00	8.61	28.82	28.82	-	-	-
Ave. (mSv)	0.38	0.98	0.91	0.55	1.58	1.46	-	-	-

\* The numbers of 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\*1 is shown in Table 4.

**Table 4**

Classification (mSv)	March 2014	April 2014	May 2014	March 2011 – May 2014
Over 100	0	0	0	1
75-100	0	0	0	163
50-75	0	0	0	213
20-50	0	0	0	241
10-20	0	0	0	145
5-10	0	0	0	111
1-5	84	86	44	130
1 or less	534	520	543	41
Total	618	606	587	1045
Max. (mSv)	4.80	4.80	4.91	102.69
Ave. (mSv)	0.51	0.52	0.32	37.12

(45 workers out of 632 did not enter the site in May)

\*1 Specific workers under high radiation dose

The workers who is applied to the emergency dose limit (100 mSv) 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.

\*2 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 February 2014.

\*3 The numbers of 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).

\*4 The number calculated for the maximum dose value (over 100 mSv) during the period between March 2011 and May 2014 is associated with the revision made to the internal radiation expose in July 2014

The End