

Evaluation of the exposure dose of workers engaged in radiation work at  
the Fukushima Daiichi Nuclear Power Station

October 31, 2019

Tokyo Electric Power Company Holdings, Inc.  
Fukushima Daiichi D & D Engineering Company

TEPCO has been evaluating the exposure dose of workers who engaged in radiation work at the Fukushima Daiichi Nuclear Power Station under two types, internal and external exposure to radiation, and has submitted the evaluation results to the Ministry of Health, Labour and Welfare regularly.

TEPCO today submitted to the Ministry of Health, Labour and Welfare a report on the exposure dose evaluation the data of which are those we collected until the end of September 2019. Here is part of the report: the maximum value of the exposure dose among the workers who engaged in the work at the power station in September was 7.42mSv, and regarding the internal exposure dose, no significant value was measured.

## Exposure Dose Distribution

### 1. Effective Dose from External Exposure

Table 1 shows the distribution of external exposure dose of workers who were involved in radiation work at the Fukushima Daiichi Nuclear Power Station for the past three month.

**Table 1. External Exposure Dose**

Dose Ranges (mSv)	July 2019			August 2019			September 2019		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 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	0	0	0	0	0	0	0	0
5-10	0	10	10	0	6	6	0	9	9
1-5	19	547	566	12	471	483	12	580	592
1 or less	964	5048	6012	1006	5037	6043	941	4963	5904
Total	983	5605	6588	1018	5514	6532	953	5552	6505
Maximum (mSv)	3.60	9.70	9.70	2.75	7.99	7.99	3.52	7.42	7.42
Average (mSv)	0.13	0.35	0.32	0.10	0.30	0.27	0.10	0.34	0.31

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

### 2. Sum of External and Internal Exposure Dose (Effective Dose)

Table 2 shows the distribution of cumulative exposure dose of workers who are involved in radiation work at Fukushima Daiichi for five years, starting on April 1, 2016. Table 3 shows the distribution of cumulative exposure dose in the fiscal year of 2019. Two different periods of time are shown in the Table 2: from April 1, 2016 to August 31, 2019 and from April 1, 2016 to September 30, 2019, and Table 3: from April 1, 2019 to August 31, 2019 and from April 1, 2019 to September 30, 2019 for comparison.

**Table 2. Cumulative Exposure Dose for Five Years**

Dose Ranges (mSv)	April 2016 - August 2019			April 2016 - September 2019			Difference		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 100	0	0	0	0	0	0	0	0	0
75-100	0	9	9	0	9	9	0	0	0
50-75	0	128	128	0	140	140	0	12	12
20-50	45	1517	1562	48	1546	1594	3	29	32
10-20	135	2129	2264	137	2140	2277	2	11	13
5-10	176	2231	2407	175	2242	2417	-1	11	10
1-5	558	4496	5054	558	4535	5093	0	39	39
1 or less	1325	8855	10180	1326	8921	10247	1	66	67
Total	2239	19365	21604	2244	19533	21777	5	168	173
Maximum (mSv)	39.17	79.90	79.90	41.10	79.90	79.90	-	-	-
Average (mSv)	2.68	5.92	5.59	2.72	5.97	5.64	-	-	-

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

• No significant internal exposure has been reported since October 2011.

**Table 3. Cumulative Exposure Dose in the Fiscal Year of 2018**

Dose Ranges (mSv)	April 2019 - August 2019			April 2019 - September 2019			Difference		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 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	1	83	84	1	141	142	0	58	58
5-10	13	445	458	18	553	571	5	108	113
1-5	174	1585	1759	188	1777	1965	14	192	206
1 or less	1101	5055	6156	1095	5022	6117	-6	-33	-39
Total	1289	7168	8457	1302	7493	8795	13	325	338
Maximum (mSv)	10.85	18.30	18.30	11.46	18.44	18.44	-	-	-
Average (mSv)	0.48	1.27	1.15	0.54	1.47	1.33	-	-	-

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

### 3. Sum of External and Internal Exposure Dose of Workers Exposed to Especially High Radiation (Effective Dose)

Table 4 shows the distribution of cumulative exposure dose of workers exposed to especially high radiation.\*1

**Table 4. Cumulative Exposure Dose (workers exposed to especially high radiation)**

Dose Ranges (mSv)	March 2011 - September 2015
Above 100	1
75-100	191
50-75	233
20-50	267
10-20	186
5-10	129
1-5	145
1 or less	51
Total	1203
Maximum (mSv)	102.69
Average (mSv)	36.49

(Since October 2015, TEPCO Holdings has opted not to report to the Labour Standards Inspection Office about workers exposed to especially high radiation.)

\*1. Workers exposed to especially high radiation means workers who are involved in operations in which they could be exposed to the emergency exposure dose limit (100mSv), which is stipulated in "Ordinance on Prevention of Ionizing Radiation Hazards, Chapter 7." In more detail, they are workers engaged in the work to maintain the function of the cooling facility to cool down the reactor facility or the spent fuel tank in the reactor facility, the steam turbine and its related facilities or the surrounding area where the radiation doses exceed 0.1mSv/h. Or they are workers who would engage in keeping running the function to control or prevent the release of a large number of radioactive materials should it be likely to occur due to malfunction or damage of the reactor facility.

So far workers who have worked as "workers exposed to especially high radiation" are all TEPCO employees.

\*2. The number of "workers exposed to especially high radiation" each month is the number of the workers who reported working as such workers in a given month and were engaged in that work. The figures in the cumulative data during the period from March 2011 to September

2015 in Table 4 above include the numbers of workers who have been reported to work as “workers exposed to especially high radiation” at least once.

\*3. The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

\*4. The figure shown in the dose range, “Above 100mSv,” in the cumulative data during the period from March 2011 to September 2015 is the figure when the March 2011 data of the internal exposure dose were reevaluated in July 2013.

#### 4. Equivalent Dose

Table 5 and Table 6 show equivalent dose to the skin and the lens of the eyes of the workers, respectively, who were involved in radiation work at the Fukushima Daiichi Nuclear Power Station for the past three months.

**Table 5. Equivalent Dose to the Skin**

Dose Ranges (mSv)	July 2019			August 2019			September 2019		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 500	0	0	0	0	0	0	0	0	0
300-500	0	0	0	0	0	0	0	0	0
250-300	0	0	0	0	0	0	0	0	0
200-250	0	0	0	0	0	0	0	0	0
150-200	0	0	0	0	0	0	0	0	0
100-150	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	4	4	0	1	1	0	0	0
5-10	2	24	26	0	21	21	0	15	15
1-5	20	678	698	12	554	566	14	638	652
1 or less	961	4899	5860	1006	4938	5944	939	4899	5838
Total	983	5605	6588	1018	5514	6532	953	5552	6505
Maximum (mSv)	7.70	12.30	12.30	2.75	11.10	11.10	3.52	7.42	7.42
Average (mSv)	0.15	0.44	0.40	0.10	0.37	0.33	0.11	0.37	0.33

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

• Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the skin is 500mSv/year (the emergency exposure dose limit is 1Sv).

• Equivalent dose to the skin is measured at a depth of 70 micrometers from the skin surface. When the equivalent dose is measured with a dosimeter other than the one put on around the chest and the abdomen, for example, a finger dosimeter, the maximum measurement value is counted as the equivalent dose.

**Table 6. Equivalent Dose to the Lens of the Eyes (Including inside of full-face mask)**

Dose Ranges (mSv)	July 2019			August 2019			September 2019		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 150	0	0	0	0	0	0	0	0	0
100-150	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	3	3	0	1	1	0	0	0
5-10	2	16	18	0	9	9	0	15	15
1-5	20	580	600	12	494	506	14	638	652
1 or less	961	5006	5967	1006	5010	6016	939	4899	5838
Total	983	5605	6588	1018	5514	6532	953	5552	6505
Maximum (mSv)	7.70	12.30	12.30	2.75	11.10	11.10	3.52	7.42	7.42
Average (mSv)	0.15	0.38	0.35	0.10	0.32	0.29	0.11	0.37	0.33

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

• Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the lens of the eye is 150mSv/year (the emergency exposure dose limit is 300mSv).

• The equivalent dose to the lens of the eyes is measured at an appropriate depth of 1 centimeter or 70 micrometers from the skin surface using one of the following method:

- ① The case of using dosimeter put inside full face mask
- ② The case of using dosimeter put around the chest, the abdomen or the head and neck ( excluding the case of ① )

## 5. Cumulative Equivalent Dose

Table 7 and Table 8 show the distribution of cumulative equivalent dose to the skins and the lens of the eyes of the workers, respectively, who were involved in radiation work at the Fukushima Daiichi Nuclear Power Station during two different periods of time, from April 1, 2019 to August 31, 2019 and from April 1, 2019 to September 30, 2019 for comparison.

**Table 7. Equivalent Dose to the Skin**

Dose Ranges (mSv)	April 2019 - August 2019			April 2019 - September 2019			Difference		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 500	0	0	0	0	0	0	0	0	0
300-500	0	0	0	0	0	0	0	0	0
250-300	0	0	0	0	0	0	0	0	0
200-250	0	0	0	0	0	0	0	0	0
150-200	0	0	0	0	0	0	0	0	0
100-150	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	17	17	0	26	26	0	9	9
10-20	2	177	179	2	244	246	0	67	67
5-10	13	513	526	18	616	634	5	103	108
1-5	179	1632	1811	193	1796	1989	14	164	178
1 or less	1095	4829	5924	1089	4811	5900	-6	-18	-24
Total	1289	7168	8457	1302	7493	8795	13	325	338
Maximum (mSv)	13.17	25.70	25.70	13.46	26.05	26.05	-	-	-
Average (mSv)	0.50	1.59	1.43	0.57	1.80	1.62	-	-	-

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

• Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the skin is 500mSv/year (the emergency exposure dose limit is 1Sv).

• Equivalent dose to the skin is measured at a depth of 70 micrometers from the skin surface. When the equivalent dose is measured with a dosimeter other than the one put on around the chest and the abdomen, for example, a finger dosimeter, the maximum measurement value is counted as the equivalent dose.

**Table 8. Equivalent Dose to the Lens of the Eyes (Including inside of full-face mask)**

Dose Ranges (mSv)	April 2019 - August 2019			April 2019 - September 2019			Difference		
	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total	TEPCO Employees	Contractors	Total
Above 150	0	0	0	0	0	0	0	0	0
100-150	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	8	8	0	12	12	0	4	4
10-20	2	99	101	2	168	170	0	69	69
5-10	13	464	477	18	577	595	5	113	118
1-5	177	1641	1818	192	1823	2015	15	182	197
1 or less	1097	4956	6053	1090	4913	6003	-7	-43	-50
Total	1289	7168	8457	1302	7493	8795	13	325	338
Maximum (mSv)	12.97	25.70	25.70	13.26	25.70	25.70	-	-	-
Average (mSv)	0.49	1.36	1.23	0.57	1.58	1.43	-	-	-

• The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

• Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the lens of eyes is 150mSv/year (the emergency exposure dose limit is 300mSv).

• The equivalent dose to the lens of the eyes is measured at an appropriate depth of 1 centimeter or 70 micrometers from the skin surface using one of the following method:

- ① The case of using dosimeter put inside full face mask
- ② The case of using dosimeter put around the chest, the abdomen or the head and neck ( excluding the case of ① )

(Aggregation period: April 1, 2016 - September 30, 2019)

**Table 9. Exposure Dose Data by Age**

18-19 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	2	1	3
1-5	2	3	5
1 or less	7	16	23
Total	11	20	31
Maximum dose	6.26	5.99	6.26
Average dose	1.86	0.85	1.21

20-29 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	1	1
50-75	0	5	5
20-50	18	118	136
10-20	39	191	230
5-10	45	207	252
1-5	68	389	457
1 or less	109	772	881
Total	279	1683	1962
Maximum dose	35.67	75.50	75.50
Average dose	5.64	5.52	5.53

30-39 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	2	2
50-75	0	26	26
20-50	13	359	372
10-20	42	456	498
5-10	37	392	429
1-5	120	820	940
1 or less	227	1338	1565
Total	439	3393	3832
Maximum dose	41.10	76.24	76.24
Average dose	3.57	7.21	6.79

40-49 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	4	4
50-75	0	49	49
20-50	9	461	470
10-20	33	635	668
5-10	44	637	681
1-5	149	1223	1372
1 or less	370	2419	2789
Total	605	5428	6033
Maximum dose	33.30	79.90	79.90
Average dose	2.35	6.46	6.04

## 50-59 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	2	2
50-75	0	41	41
20-50	7	414	421
10-20	16	588	604
5-10	43	637	680
1-5	187	1322	1509
1 or less	495	2597	3092
Total	748	5601	6349
Maximum dose	35.77	78.54	78.54
Average dose	1.67	5.75	5.27

## 60-69 years old

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	0	0
50-75	0	17	17
20-50	1	185	186
10-20	7	258	265
5-10	4	356	360
1-5	32	725	757
1 or less	115	1647	1762
Total	159	3188	3347
Maximum dose	35.45	66.24	66.24
Average dose	1.66	4.67	4.52

## 70 years old and over

Dose ranges (mSv)	TEPCO's employees	Contractors	Total
Above 100	0	0	0
75-100	0	0	0
50-75	0	2	2
20-50	0	9	9
10-20	0	12	12
5-10	0	12	12
1-5	0	53	53
1 or less	3	132	135
Total	3	220	223
Maximum dose	0.32	54.54	54.54
Average dose	0.16	3.47	3.42

## Number of workers by age

Age ranges (years old)	TEPCO's employees	Contractors	Total
18-19 years old	11	20	31
20-29 years old	279	1683	1962
30-39 years old	439	3393	3832
40-49 years old	605	5428	6033
50-59 years old	748	5601	6349
60-69 years old	159	3188	3347
70 years old and over	3	220	223
Total	2244	19533	21777
Maximum dose (mSv)	41.10	79.90	79.90
Average dose (mSv)	2.72	5.97	5.64

## Note)

•The ages above are as of September 30, 2019.

•The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.



**Table 10. Monthly Exposure Dose Data**

Year and	TEPCO/Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201103	TEPCO	40	66	239	529	539	119	77	65	16		6	1696	670.36	31.53
	Contractors	402	525	397	461	372	65	34	17	2	2		2277	238.42	14.18
	Total	442	591	636	990	911	184	111	82	18	2	6	3973	670.36	21.59
201104	TEPCO	228	323	857	186	62	1						1657	59.60	6.66
	Contractors	1550	1467	625	433	128							4203	49.61	4.35
	Total	1778	1790	1482	619	190	1						5860	59.60	5.00
201105	TEPCO	437	782	171	73	14							1477	33.42	3.14
	Contractors	2221	2367	809	349	80							5826	48.80	3.37
	Total	2658	3149	980	422	94							7303	48.80	3.32
201106	TEPCO	513	723	85	30								1351	16.29	2.12
	Contractors	2560	2651	772	351	65	1	1					6401	89.50	3.08
	Total	3073	3374	857	381	65	1	1					7752	89.50	2.91
201107	TEPCO	653	625	53	17	3							1351	31.13	1.69
	Contractors	2934	2759	587	200	38	3						6521	61.97	2.43
	Total	3587	3384	640	217	41	3						7872	61.97	2.30
201108	TEPCO	543	666	57	19	1							1286	23.33	1.72
	Contractors	2826	2731	485	162	24	2						6230	66.50	2.20
	Total	3369	3397	542	181	25	2						7516	66.50	2.12
201109	TEPCO	534	633	38	2								1207	11.35	1.45
	Contractors	2856	2582	399	140	23							6000	33.40	2.01
	Total	3390	3215	437	142	23							7207	33.40	1.92
201110	TEPCO	564	552	45	15	3							1179	36.35	1.57
	Contractors	2823	2352	337	103	8							5623	23.50	1.84
	Total	3387	2904	382	118	11							6802	36.35	1.80
201111	TEPCO	853	280	37	10								1180	13.40	1.07
	Contractors	3354	1911	228	82	5							5580	23.03	1.46
	Total	4207	2191	265	92	5							6760	23.03	1.39
201112	TEPCO	868	282	26	13	3							1192	23.20	1.10
	Contractors	3345	1729	258	76								5408	19.20	1.43
	Total	4213	2011	284	89	3							6600	23.20	1.37
201201	TEPCO	761	284	37	13								1095	17.00	1.19
	Contractors	3236	1435	203	72	1							4947	21.90	1.36
	Total	3997	1719	240	85	1							6042	21.90	1.33
201202	TEPCO	845	231	25	8								1109	17.63	0.91
	Contractors	2940	1584	221	100	2							4847	20.91	1.51
	Total	3785	1815	246	108	2							5956	20.91	1.40
201203	TEPCO	874	220	23	2								1119	12.10	0.83
	Contractors	3029	1465	206	53	3							4756	21.83	1.36
	Total	3903	1685	229	55	3							5875	21.83	1.26
201204	TEPCO	870	179	19	3								1071	13.00	0.75
	Contractors	2835	1305	151	75	3							4369	23.90	1.30
	Total	3705	1484	170	78	3							5440	23.90	1.19
201205	TEPCO	854	177	10	1								1042	10.20	0.66
	Contractors	2898	1406	246	49								4599	18.22	1.41
	Total	3752	1583	256	50								5641	18.22	1.28
201206	TEPCO	829	162	20	3								1014	12.10	0.78
	Contractors	3086	1652	220	29								4987	14.94	1.29
	Total	3915	1814	240	32								6001	14.94	1.21

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201207	TEPCO	854	150	9									1013	6.60	0.62
	Contractors	3065	1621	222	38								4946	17.33	1.34
	Total	3919	1771	231	38								5959	17.33	1.21
201208	TEPCO	835	144	7									986	7.20	0.62
	Contractors	3299	1341	120	4								4764	11.64	1.04
	Total	4134	1485	127	4								5750	11.64	0.97
201209	TEPCO	850	123	9									982	8.20	0.57
	Contractors	3272	1274	163	29	1							4739	20.50	1.15
	Total	4122	1397	172	29	1							5721	20.50	1.05
201210	TEPCO	826	145	7									978	6.30	0.61
	Contractors	3307	1325	136	31								4799	16.00	1.11
	Total	4133	1470	143	31								5777	16.00	1.03
201211	TEPCO	812	149	7									968	9.50	0.61
	Contractors	3306	1222	145	27								4700	18.70	1.09
	Total	4118	1371	152	27								5668	18.70	1.01
201212	TEPCO	846	149	10									1005	7.50	0.58
	Contractors	3489	1363	180	10								5042	15.00	1.10
	Total	4335	1512	190	10								6047	15.00	1.01
201301	TEPCO	870	96	3									969	7.39	0.42
	Contractors	3768	1310	115	7								5200	12.90	0.96
	Total	4638	1406	118	7								6169	12.90	0.88
201302	TEPCO	870	105	2									977	5.43	0.45
	Contractors	3917	1415	263	35								5630	18.50	1.21
	Total	4787	1520	265	35								6607	18.50	1.09
201303	TEPCO	845	140	10									997	11.03	0.60
	Contractors	3908	1706	335	35								5984	19.30	1.35
	Total	4753	1846	345	37								6981	19.30	1.24
201304	TEPCO	948	108	4									1060	5.90	0.49
	Contractors	4029	1165	111	5								5310	14.40	0.88
	Total	4977	1273	115	5								6370	14.40	0.81
201305	TEPCO	896	100	4									1000	8.60	0.45
	Contractors	3920	1141	92	5								5158	15.80	0.85
	Total	4816	1241	96	5								6158	15.80	0.78
201306	TEPCO	931	87	6									1024	7.40	0.42
	Contractors	3731	1182	85	7								5005	17.50	0.87
	Total	4662	1269	91	7								6029	17.50	0.79
201307	TEPCO	891	96	1									988	5.50	0.43
	Contractors	3752	1128	107	9								4996	14.80	0.89
	Total	4643	1224	108	9								5984	14.80	0.81
201308	TEPCO	834	118	4									956	6.10	0.49
	Contractors	3665	1211	142	40								5058	19.89	1.03
	Total	4499	1329	146	40								6014	19.89	0.94
201309	TEPCO	933	102	3									1038	5.60	0.44
	Contractors	3525	1420	247	61	1							5254	20.58	1.28
	Total	4458	1522	250	61	1							6292	20.58	1.14
201310	TEPCO	893	146	8									1047	9.50	0.55
	Contractors	3460	1556	343	47								5406	19.36	1.43
	Total	4353	1702	351	47								6453	19.36	1.29
201311	TEPCO	954	120	5									1079	9.20	0.48
	Contractors	3700	1533	303	32								5568	16.91	1.28
	Total	4654	1653	308	32								6647	16.91	1.15

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201312	TEPCO	968	116	2									1086	5.40	0.44
	Contractors	3852	1627	199	23								5701	16.81	1.13
	Total	4820	1743	201	23								6787	16.81	1.02
201401	TEPCO	997	84										1081	4.50	0.37
	Contractors	4112	1505	221	53								5891	15.80	1.16
	Total	5109	1589	221	53								6972	15.80	1.04
201402	TEPCO	1018	56	4									1078	6.50	0.34
	Contractors	4611	1611	168	30								6420	17.29	1.02
	Total	5629	1667	172	30								7498	17.29	0.92
201403	TEPCO	1012	85										1097	4.80	0.36
	Contractors	4940	1867	227	23								7057	18.49	1.07
	Total	5952	1952	227	23								8154	18.49	0.98
201404	TEPCO	999	94	1									1094	5.70	0.38
	Contractors	5449	1743	234	19								7445	16.00	0.98
	Total	6448	1837	235	19								8539	16.00	0.91
201405	TEPCO	1053	65	1									1119	5.60	0.31
	Contractors	5974	1794	209	47	1							8025	20.70	0.95
	Total	7027	1859	210	47	1							9144	20.70	0.87
201406	TEPCO	1056	66	1									1123	6.80	0.32
	Contractors	6773	1790	329	26								8918	16.89	0.95
	Total	7829	1856	330	26								10041	16.89	0.88
201407	TEPCO	1092	39	1									1132	5.40	0.27
	Contractors	7292	1728	258	49								9327	18.69	0.89
	Total	8384	1767	259	49								10459	18.69	0.82
201408	TEPCO	1062	39										1101	3.40	0.25
	Contractors	7818	1338	214	9								9379	17.13	0.71
	Total	8880	1377	214	9								10480	17.13	0.67
201409	TEPCO	1110	51	1									1162	6.00	0.27
	Contractors	8013	1634	287	36								9970	18.22	0.84
	Total	9123	1685	288	36								11132	18.22	0.78
201410	TEPCO	1112	62										1174	2.70	0.29
	Contractors	7951	1766	234	18								9969	14.92	0.80
	Total	9063	1828	234	18								11143	14.92	0.74
201411	TEPCO	1141	45										1186	3.00	0.21
	Contractors	8198	1644	269	19								10130	15.92	0.78
	Total	9339	1689	269	19								11316	15.92	0.72
201412	TEPCO	1099	60										1159	4.30	0.24
	Contractors	8272	1912	283	34								10501	16.74	0.85
	Total	9371	1972	283	34								11660	16.74	0.79
201501	TEPCO	1111	37										1148	4.20	0.22
	Contractors	8514	1513	56	1								10084	12.80	0.56
	Total	9625	1550	56	1								11232	12.80	0.53
201502	TEPCO	1096	74	6									1176	8.00	0.33
	Contractors	8498	2214	285	36								11033	16.80	0.89
	Total	9594	2288	291	36								12209	16.80	0.83
201503	TEPCO	1060	79	3									1142	6.40	0.32
	Contractors	8036	2466	553	118								11173	19.90	1.21
	Total	9096	2545	556	118								12315	19.90	1.13
201504	TEPCO	1100	66										1166	4.80	0.27
	Contractors	7693	2414	248	20								10375	15.60	0.93
	Total	8793	2480	248	20								11541	15.60	0.86

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201505	TEPCO	1092	42										1134	2.12	0.20
	Contractors	8100	1746	98	4								9948	11.40	0.66
	Total	9192	1788	98	4								11082	11.40	0.61
201506	TEPCO	1128	64										1192	3.90	0.25
	Contractors	8185	1737	167	12								10101	11.50	0.72
	Total	9313	1801	167	12								11293	11.50	0.67
201507	TEPCO	1119	53	1									1173	5.10	0.24
	Contractors	8140	1646	134	7								9927	10.72	0.66
	Total	9259	1699	135	7								11100	10.72	0.62
201508	TEPCO	1083	53										1136	3.38	0.21
	Contractors	8369	1040	36	1								9446	10.30	0.43
	Total	9452	1093	36	1								10582	10.30	0.41
201509	TEPCO	1144	51	1									1196	5.60	0.24
	Contractors	8034	1590	140	16								9780	15.30	0.67
	Total	9178	1641	141	16								10976	15.30	0.63
201510	TEPCO	1130	52										1182	3.20	0.22
	Contractors	7864	1699	145	9								9717	14.42	0.70
	Total	8994	1751	145	9								10899	14.42	0.64
201511	TEPCO	1119	48										1167	4.96	0.22
	Contractors	7920	1451	110	7								9488	13.88	0.61
	Total	9039	1499	110	7								10655	13.88	0.57
201512	TEPCO	1122	47										1169	2.70	0.21
	Contractors	8026	1335	73	5								9439	13.50	0.56
	Total	9148	1382	73	5								10608	13.50	0.52
201601	TEPCO	1108	38										1146	3.30	0.20
	Contractors	8070	1194	60	4								9328	16.00	0.51
	Total	9178	1232	60	4								10474	16.00	0.48
201602	TEPCO	1128	49										1177	4.70	0.22
	Contractors	7896	1461	78	12								9447	12.36	0.59
	Total	9024	1510	78	12								10624	12.36	0.55
201603	TEPCO	1125	44										1169	2.71	0.20
	Contractors	8051	1291	93	19								9454	13.82	0.59
	Total	9176	1335	93	19								10623	13.82	0.55
201604	TEPCO	1097	16										1113	1.90	0.16
	Contractors	7852	870	42									8764	9.78	0.41
	Total	8949	886	42									9877	9.78	0.38
201605	TEPCO	1128	9										1137	2.50	0.14
	Contractors	7738	651	19									8408	9.70	0.32
	Total	8866	660	19									9545	9.70	0.30
201606	TEPCO	1166	26										1192	2.00	0.16
	Contractors	7928	833	56	6								8823	13.81	0.42
	Total	9094	859	56	6								10015	13.81	0.38
201607	TEPCO	1138	12										1150	1.92	0.11
	Contractors	7849	791	80	3								8723	10.70	0.41
	Total	8987	803	80	3								9873	10.70	0.38
201608	TEPCO	1125	41										1166	4.39	0.17
	Contractors	7951	532	19									8502	7.10	0.28
	Total	9076	573	19									9668	7.10	0.27
201609	TEPCO	1160	20										1180	3.50	0.14
	Contractors	8041	689	35									8765	8.80	0.35
	Total	9201	709	35									9945	8.80	0.33

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201610	TEPCO	1142	21										1163	2.40	0.14
	Contractors	7693	875	48									8616	8.34	0.42
	Total	8835	896	48									9779	8.34	0.39
201611	TEPCO	1167	29										1196	3.10	0.15
	Contractors	7646	1000	50	5								8701	12.00	0.45
	Total	8813	1029	50	5								9897	12.00	0.42
201612	TEPCO	1144	16	2									1162	6.24	0.16
	Contractors	7667	856	46	4								8573	12.60	0.41
	Total	8811	872	48	4								9735	12.60	0.38
201701	TEPCO	1105	24										1129	2.40	0.15
	Contractors	7729	785	69	5								8588	11.00	0.42
	Total	8834	809	69	5								9717	11.00	0.38
201702	TEPCO	1127	49										1176	3.40	0.17
	Contractors	7659	1111	121	6								8897	13.70	0.53
	Total	8786	1160	121	6								10073	13.70	0.48
201703	TEPCO	1132	38										1170	3.70	0.18
	Contractors	7525	1130	162	26								8843	16.30	0.61
	Total	8657	1168	162	26								10013	16.30	0.56
201704	TEPCO	1027	26										1053	2.74	0.17
	Contractors	7165	892	87	5								8149	11.40	0.47
	Total	8192	918	87	5								9202	11.40	0.43
201705	TEPCO	1023	12										1035	2.40	0.13
	Contractors	7247	713	78									8038	8.80	0.39
	Total	8270	725	78									9073	8.80	0.36
201706	TEPCO	1023	26										1049	3.30	0.16
	Contractors	7301	890	64	9								8264	12.90	0.45
	Total	8324	916	64	9								9313	12.90	0.42
201707	TEPCO	1001	14										1015	3.80	0.13
	Contractors	7211	847	55	2								8115	11.50	0.42
	Total	8212	861	55	2								9130	11.50	0.39
201708	TEPCO	979	19										998	3.20	0.13
	Contractors	7164	651	19									7834	7.60	0.32
	Total	8143	670	19									8832	7.60	0.30
201709	TEPCO	1033	15										1048	3.30	0.11
	Contractors	7082	657	16									7755	7.50	0.32
	Total	8115	672	16									8803	7.50	0.30
201710	TEPCO	1035	29										1064	2.50	0.14
	Contractors	6886	715	32	2								7635	10.30	0.37
	Total	7921	744	32	2								8699	10.30	0.34
201711	TEPCO	1027	23										1050	2.40	0.12
	Contractors	6874	660	35	5								7574	11.20	0.37
	Total	7901	683	35	5								8624	11.20	0.34
201712	TEPCO	961	22										983	2.60	0.14
	Contractors	6683	578	18	1								7280	10.31	0.32
	Total	7644	600	18	1								8263	10.31	0.30
201801	TEPCO	914	24										938	4.14	0.13
	Contractors	6444	614	23	1								7082	10.60	0.35
	Total	7358	638	23	1								8020	10.60	0.32
201802	TEPCO	941	50										991	3.83	0.21
	Contractors	6353	791	56									7200	9.80	0.43
	Total	7294	841	56									8191	9.80	0.41

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201803	TEPCO	935	46										981	2.96	0.17
	Contractors	6394	768	69									7231	8.83	0.45
	Total	7329	814	69									8212	8.83	0.42
201804	TEPCO	1001	13										1014	2.40	0.11
	Contractors	5840	509	26									6375	8.40	0.33
	Total	6841	522	26									7389	8.40	0.30
201805	TEPCO	927	15										942	1.90	0.12
	Contractors	5820	481	18									6319	9.40	0.30
	Total	6747	496	18									7261	9.40	0.28
201806	TEPCO	939	29										968	2.68	0.14
	Contractors	5795	488	4									6287	7.37	0.30
	Total	6734	517	4									7255	7.37	0.28
201807	TEPCO	867	27										894	2.72	0.13
	Contractors	5665	597	21									6283	9.70	0.34
	Total	6532	624	21									7177	9.70	0.32
201808	TEPCO	947	25										972	2.30	0.13
	Contractors	5784	453	9									6246	6.30	0.29
	Total	6731	478	9									7218	6.30	0.27
201809	TEPCO	985	17										1002	1.90	0.11
	Contractors	5684	469	8									6161	8.00	0.28
	Total	6669	486	8									7163	8.00	0.26
201810	TEPCO	976	26										1002	4.17	0.15
	Contractors	5579	567	18									6164	8.20	0.35
	Total	6555	593	18									7166	8.20	0.32
201811	TEPCO	1009	13										1022	2.95	0.11
	Contractors	5556	626	42									6224	9.88	0.39
	Total	6565	639	42									7246	9.88	0.35
201812	TEPCO	981	21										1002	4.52	0.13
	Contractors	5562	621	55	4								6242	14.10	0.42
	Total	6543	642	55	4								7244	14.10	0.38
201901	TEPCO	944	16										960	2.32	0.10
	Contractors	5569	511	37									6117	7.81	0.36
	Total	6513	527	37									7077	7.81	0.32
201902	TEPCO	974	28	1									1003	5.38	0.15
	Contractors	5575	676	58	2								6311	12.60	0.44
	Total	6549	704	59	2								7314	12.60	0.40
201903	TEPCO	960	34	1									995	5.70	0.16
	Contractors	5532	613	32	1								6178	11.41	0.39
	Total	6492	647	33	1								7173	11.41	0.35
201904	TEPCO	920	24										944	2.66	0.13
	Contractors	4780	491	8									5279	7.80	0.33
	Total	5700	515	8									6223	7.80	0.30
201905	TEPCO	967	20										987	2.80	0.13
	Contractors	4876	552	5									5433	5.60	0.33
	Total	5843	572	5									6420	5.60	0.30
201906	TEPCO	1016	17	1									1034	5.20	0.12
	Contractors	4993	538	12									5543	7.11	0.35
	Total	6009	555	13									6577	7.11	0.31
201907	TEPCO	964	19										983	3.60	0.13
	Contractors	5048	547	10									5605	9.70	0.35
	Total	6012	566	10									6588	9.70	0.32

Year and	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201908	TEPCO	1006	12										1018	2.75	0.10
	Contractors	5037	471	6									5514	7.99	0.30
	Total	6043	483	6									6532	7.99	0.27
201909	TEPCO	941	12										953	3.52	0.10
	Contractors	4963	580	9									5552	7.42	0.34
	Total	5904	592	9									6505	7.42	0.31

Note)

•The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

•The record months of the internal exposure dose of workers in the data above could be changed, even if the evaluation values of their internal exposure dose have not changed, when their "inhalation exposure days" (the days when they inhaled radioactive materials) are reviewed. In the case that the record months have been changed, that effect will be described.

(Aggregation period: March 11, 2011 - September 30, 2019)

**Table 11. Cumulative Exposure Dose Data by Fisical Year**

FY2011

Dose ranges (mSv)	March 2011-March 2012		
	TEPCO's employees	Contractors	Total
Above 250	6	0	6
200-250	1	2	3
150-200	26	2	28
100-150	117	20	137
75-100	186	65	251
50-75	257	261	518
20-50	630	2660	3290
10-20	491	2896	3387
5-10	377	2556	2933
1-5	589	4625	5214
1 or less	735	4633	5368
Total	3415	17720	21135
Maximum (mSv)	678.80	238.42	678.80
Average (mSv)	25.15	10.06	12.50

FY2012

Dose ranges (mSv)	April 2012-March 2013		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	1	0	1
20-50	62	675	737
10-20	129	2000	2129
5-10	266	1875	2141
1-5	579	3327	3906
1 or less	589	4239	4828
Total	1626	12116	13742
Maximum (mSv)	54.10	43.30	54.10
Average (mSv)	4.49	5.90	5.74

FY2013

Dose ranges (mSv)	April 2013-March 2014		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	31	629	660
10-20	95	2067	2162
5-10	195	1897	2092
1-5	670	3739	4409
1 or less	701	4722	5423
Total	1692	13054	14746
Maximum (mSv)	41.90	41.40	41.90
Average (mSv)	3.24	5.51	5.25



## FY2014

Dose ranges (mSv)	April 2014-March 2015		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	11	996	1007
10-20	60	2599	2659
5-10	158	2774	2932
1-5	637	5315	5952
1 or less	822	7358	8180
Total	1688	19042	20730
Maximum (mSv)	29.50	39.85	39.85
Average (mSv)	2.30	5.29	5.04

## FY2015

Dose ranges (mSv)	April 2015-March 2016		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	6	592	598
10-20	52	1947	1999
5-10	108	2247	2355
1-5	533	5114	5647
1 or less	998	6599	7597
Total	1697	16499	18196
Maximum (mSv)	24.00	43.20	43.20
Average (mSv)	1.85	4.52	4.27

## FY2016

Dose ranges (mSv)	April 2016-March 2017		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	216	216
10-20	22	1139	1161
5-10	90	1393	1483
1-5	404	4371	4775
1 or less	1162	7038	8200
Total	1678	14157	15835
Maximum (mSv)	14.75	38.83	38.83
Average (mSv)	1.27	3.09	2.90

## FY2017

Dose ranges (mSv)	April 2017-March 2018		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	74	74
10-20	18	1133	1151
5-10	85	1038	1123
1-5	306	3571	3877
1 or less	1121	6597	7718
Total	1530	12413	13943
Maximum (mSv)	15.94	32.74	32.74
Average (mSv)	1.15	2.88	2.69

## FY2018

Dose ranges (mSv)	April 2018-March 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	21	853	874
5-10	70	870	940
1-5	247	2856	3103
1 or less	1105	5284	6389
Total	1443	9863	11306
Maximum (mSv)	15.55	19.90	19.90
Average (mSv)	1.04	2.65	2.44

## FY2019

Dose ranges (mSv)	April 2019-September 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	1	141	142
5-10	18	553	571
1-5	188	1777	1965
1 or less	1095	5022	6117
Total	1302	7493	8795
Maximum (mSv)	11.46	18.44	18.44
Average (mSv)	0.54	1.47	1.33

\*The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

(Aggregation period: March 11, 2011 - September 30, 2019)

**Table 11 (1) Cumulative External Exposure Dose Data by Fisical Year**

FY2011

Dose ranges (mSv)	March 2011-March 2012		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	7	3	10
100-150	58	8	66
75-100	107	29	136
50-75	231	195	426
20-50	674	2459	3133
10-20	554	2847	3401
5-10	428	2589	3017
1-5	600	4741	5341
1 or less	756	4849	5605
Total	3415	17720	21135
Maximum (mSv)	188.14	199.42	199.42
Average (mSv)	19.15	9.16	10.77

FY2012

Dose ranges (mSv)	April 2012-March 2013		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	1	0	1
20-50	62	675	737
10-20	129	2000	2129
5-10	266	1875	2141
1-5	579	3327	3906
1 or less	589	4239	4828
Total	1626	12116	13742
Maximum (mSv)	54.10	43.30	54.10
Average (mSv)	4.49	5.90	5.74

FY2013

Dose ranges (mSv)	April 2013-March 2014		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	31	629	660
10-20	95	2067	2162
5-10	195	1897	2092
1-5	670	3739	4409
1 or less	701	4722	5423
Total	1692	13054	14746
Maximum (mSv)	41.90	41.40	41.90
Average (mSv)	3.24	5.51	5.25

## FY2014

Dose ranges (mSv)	April 2014-March 2015		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	11	996	1007
10-20	60	2599	2659
5-10	158	2774	2932
1-5	637	5315	5952
1 or less	822	7358	8180
Total	1688	19042	20730
Maximum (mSv)	29.50	39.85	39.85
Average (mSv)	2.30	5.29	5.04

## FY2015

Dose ranges (mSv)	April 2015-March 2016		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	6	592	598
10-20	52	1947	1999
5-10	108	2247	2355
1-5	533	5114	5647
1 or less	998	6599	7597
Total	1697	16499	18196
Maximum (mSv)	24.00	43.20	43.20
Average (mSv)	1.85	4.52	4.27

## FY2016

Dose ranges (mSv)	April 2016- March 2017		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	216	216
10-20	22	1139	1161
5-10	90	1393	1483
1-5	404	4371	4775
1 or less	1162	7038	8200
Total	1678	14157	15835
Maximum (mSv)	14.75	38.83	38.83
Average (mSv)	1.27	3.09	2.90

## FY2017

Dose ranges (mSv)	April 2017- March 2018		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	74	74
10-20	18	1133	1151
5-10	85	1038	1123
1-5	306	3571	3877
1 or less	1121	6597	7718
Total	1530	12413	13943
Maximum (mSv)	15.94	32.74	32.74
Average (mSv)	1.15	2.88	2.69

## FY2018

Dose ranges (mSv)	April 2018- March 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	21	853	874
5-10	70	870	940
1-5	247	2856	3103
1 or less	1105	5284	6389
Total	1443	9863	11306
Maximum (mSv)	15.55	19.90	19.90
Average (mSv)	1.04	2.65	2.44

## FY2019

Dose ranges (mSv)	April 2019-September 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	1	141	142
5-10	18	553	571
1-5	188	1777	1965
1 or less	1095	5022	6117
Total	1302	7493	8795
Maximum (mSv)	11.46	18.44	18.44
Average (mSv)	0.54	1.47	1.33

Note)

- The table shows the external exposure part of the cumulative exposure dose data by fiscal year.
- The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

(Aggregation period: March 11, 2011 - September 30, 2019)

**Table 11 (2) Cumulative Internal Exposure Dose Data by Fiscal Year**

FY2011

Dose ranges (mSv)	March 2011-March 2012		
	TEPCO's employees	Contractors	Total
Above 250	5	0	5
200-250	1	0	1
150-200	1	0	1
100-150	7	0	7
75-100	11	11	22
50-75	27	17	44
20-50	191	125	316
10-20	399	313	712
5-10	281	411	692
2-5	223	685	908
2 or less	2269	16158	18427
Total	3415	17720	21135
Maximum (mSv)	590.00	98.53	590.00
Average (mSv)	6.01	0.90	1.73

FY2012

Dose ranges (mSv)	April 2012-March 2013		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1626	12116	13742
Total	1626	12116	13742
Maximum (mSv)	0.00	0.10	0.10
Average (mSv)	0.00	0.00	0.00

FY2013

Dose ranges (mSv)	April 2013-March 2014		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1692	13054	14746
Total	1692	13054	14746
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2014

Dose ranges (mSv)	April 2014-March 2015		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1688	19042	20730
Total	1688	19042	20730
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2015

Dose ranges (mSv)	April 2015-March 2016		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1697	16499	18196
Total	1697	16499	18196
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2016

Dose ranges (mSv)	April 2016-March 2017		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1678	14157	15835
Total	1678	14157	15835
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2017

Dose ranges (mSv)	April 2017-March 2018		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1530	12413	13943
Total	1530	12413	13943
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2018

Dose ranges (mSv)	April 2018- March 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1443	9863	11306
Total	1443	9863	11306
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

## FY2019

Dose ranges (mSv)	April 2019- September 2019		
	TEPCO's employees	Contractors	Total
Above 250	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	0	0
10-20	0	0	0
5-10	0	0	0
2-5	0	0	0
2 or less	1302	7493	8795
Total	1302	7493	8795
Maximum (mSv)	0.00	0.00	0.00
Average (mSv)	0.00	0.00	0.00

Note)

•The table shows the internal exposure part of the cumulative exposure dose data by fiscal year.

•Depending on the prime contractors, there are some cases in which the internal exposure dose is recorded as that of the WBC measurement month, not the inhalation exposure month.



**Table 12. Monthly External Exposure Dose Data**

Year and month	TEPCO/Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201103	TEPCO	60	88	522	604	287	67	41	21	6			1696	182.33	19.52
	Contractors	547	763	385	331	182	36	22	8	3			2277	199.42	9.08
	Total	607	851	907	935	469	103	63	29	9			3973	199.42	13.54
201104	TEPCO	233	321	859	182	61	1						1657	59.60	6.61
	Contractors	1647	1445	583	406	106							4187	48.10	4.03
	Total	1880	1766	1442	588	167	1						5844	59.60	4.76
201105	TEPCO	438	782	170	73	14							1477	33.42	3.13
	Contractors	2258	2391	786	304	70							5809	48.80	3.19
	Total	2696	3173	956	377	84							7286	48.80	3.18
201106	TEPCO	515	723	83	30								1351	16.29	2.10
	Contractors	2520	2604	743	323	60							6250	43.00	2.99
	Total	3035	3327	826	353	60							7601	43.00	2.84
201107	TEPCO	655	626	50	17	3							1351	31.13	1.67
	Contractors	2865	2724	580	195	31							6395	34.42	2.38
	Total	3520	3350	630	212	34							7746	34.42	2.26
201108	TEPCO	543	666	57	19	1							1286	23.33	1.72
	Contractors	2826	2712	485	161	24							6208	36.10	2.18
	Total	3369	3378	542	180	25							7494	36.10	2.10
201109	TEPCO	534	633	38	2								1207	11.35	1.45
	Contractors	2856	2567	398	140	22							5983	33.40	2.01
	Total	3390	3200	436	142	22							7190	33.40	1.91
201110	TEPCO	564	552	45	15	3							1179	36.35	1.57
	Contractors	2825	2346	336	103	8							5618	23.50	1.84
	Total	3389	2898	381	118	11							6797	36.35	1.79
201111	TEPCO	853	280	37	10								1180	13.40	1.07
	Contractors	3355	1909	228	81	5							5578	23.03	1.46
	Total	4208	2189	265	91	5							6758	23.03	1.39
201112	TEPCO	868	282	26	13	3							1192	23.20	1.10
	Contractors	3348	1725	258	76								5407	19.20	1.43
	Total	4216	2007	284	89	3							6599	23.20	1.37
201201	TEPCO	761	284	37	13								1095	17.00	1.19
	Contractors	3240	1430	203	72	1							4946	21.90	1.36
	Total	4001	1714	240	85	1							6041	21.90	1.33
201202	TEPCO	845	231	25	8								1109	17.63	0.91
	Contractors	2945	1579	221	100	2							4847	20.91	1.50
	Total	3790	1810	246	108	2							5956	20.91	1.39
201203	TEPCO	874	220	23	2								1119	12.10	0.83
	Contractors	3030	1463	206	53	3							4755	21.83	1.36
	Total	3904	1683	229	55	3							5874	21.83	1.26
201204	TEPCO	870	179	19	3								1071	13.00	0.75
	Contractors	2835	1305	151	75	3							4369	23.90	1.30
	Total	3705	1484	170	78	3							5440	23.90	1.19
201205	TEPCO	854	177	10	1								1042	10.20	0.66
	Contractors	2897	1406	246	49								4598	18.22	1.42
	Total	3751	1583	256	50								5640	18.22	1.28

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201206	TEPCO	829	162	20	3								1014	12.10	0.78
	Contractors	3086	1652	220	29								4987	14.94	1.29
	Total	3915	1814	240	32								6001	14.94	1.21
201207	TEPCO	854	150	9									1013	6.60	0.62
	Contractors	3065	1621	222	38								4946	17.33	1.34
	Total	3919	1771	231	38								5959	17.33	1.21
201208	TEPCO	835	144	7									986	7.20	0.62
	Contractors	3299	1341	120	4								4764	11.64	1.04
	Total	4134	1485	127	4								5750	11.64	0.97
201209	TEPCO	850	123	9									982	8.20	0.57
	Contractors	3272	1274	163	29	1							4739	20.50	1.15
	Total	4122	1397	172	29	1							5721	20.50	1.05
201210	TEPCO	826	145	7									978	6.30	0.61
	Contractors	3307	1325	136	31								4799	16.00	1.11
	Total	4133	1470	143	31								5777	16.00	1.03
201211	TEPCO	812	149	7									968	9.50	0.61
	Contractors	3306	1222	145	27								4700	18.70	1.09
	Total	4118	1371	152	27								5668	18.70	1.01
201212	TEPCO	846	149	10									1005	7.50	0.58
	Contractors	3489	1363	180	10								5042	15.00	1.10
	Total	4335	1512	190	10								6047	15.00	1.01
201301	TEPCO	870	96	3									969	7.39	0.42
	Contractors	3768	1310	115	7								5200	12.90	0.96
	Total	4638	1406	118	7								6169	12.90	0.88
201302	TEPCO	870	105	2									977	5.43	0.45
	Contractors	3917	1415	263	35								5630	18.50	1.21
	Total	4787	1520	265	35								6607	18.50	1.09
201303	TEPCO	845	140	10	2								997	11.03	0.60
	Contractors	3908	1706	335	35								5984	19.30	1.35
	Total	4753	1846	345	37								6981	19.30	1.24
201304	TEPCO	948	108	4									1060	5.90	0.49
	Contractors	4029	1165	111	5								5310	14.40	0.88
	Total	4977	1273	115	5								6370	14.40	0.81
201305	TEPCO	896	100	4									1000	8.60	0.45
	Contractors	3920	1141	92	5								5158	15.80	0.85
	Total	4816	1241	96	5								6158	15.80	0.78
201306	TEPCO	931	87	6									1024	7.40	0.42
	Contractors	3731	1182	85	7								5005	17.50	0.87
	Total	4662	1269	91	7								6029	17.50	0.79
201307	TEPCO	891	96	1									988	5.50	0.43
	Contractors	3752	1128	107	9								4996	14.80	0.89
	Total	4643	1224	108	9								5984	14.80	0.81
201308	TEPCO	834	118	4									956	6.10	0.49
	Contractors	3665	1211	142	40								5058	19.89	1.03
	Total	4499	1329	146	40								6014	19.89	0.94
201309	TEPCO	933	102	3									1038	5.60	0.44
	Contractors	3525	1420	247	61	1							5254	20.58	1.28
	Total	4458	1522	250	61	1							6292	20.58	1.14
201310	TEPCO	893	146	8									1047	9.50	0.55
	Contractors	3460	1556	343	47								5406	19.36	1.43
	Total	4353	1702	351	47								6453	19.36	1.29

Year and month	TEPCO/Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201311	TEPCO	954	120	5									1079	9.20	0.48
	Contractors	3700	1533	303	32								5568	16.91	1.28
	Total	4654	1653	308	32								6647	16.91	1.15
201312	TEPCO	968	116	2									1086	5.40	0.44
	Contractors	3852	1627	199	23								5701	16.81	1.13
	Total	4820	1743	201	23								6787	16.81	1.02
201401	TEPCO	997	84										1081	4.50	0.37
	Contractors	4112	1505	221	53								5891	15.80	1.16
	Total	5109	1589	221	53								6972	15.80	1.04
201402	TEPCO	1018	56	4									1078	6.50	0.34
	Contractors	4611	1611	168	30								6420	17.29	1.02
	Total	5629	1667	172	30								7498	17.29	0.92
201403	TEPCO	1012	85										1097	4.80	0.36
	Contractors	4940	1867	227	23								7057	18.49	1.07
	Total	5952	1952	227	23								8154	18.49	0.98
201404	TEPCO	999	94	1									1094	5.70	0.38
	Contractors	5449	1743	234	19								7445	16.00	0.98
	Total	6448	1837	235	19								8539	16.00	0.91
201405	TEPCO	1053	65	1									1119	5.60	0.31
	Contractors	5974	1794	209	47	1							8025	20.70	0.95
	Total	7027	1859	210	47	1							9144	20.70	0.87
201406	TEPCO	1056	66	1									1123	6.80	0.32
	Contractors	6773	1790	329	26								8918	16.89	0.95
	Total	7829	1856	330	26								10041	16.89	0.88
201407	TEPCO	1092	39	1									1132	5.40	0.27
	Contractors	7292	1728	258	49								9327	18.69	0.89
	Total	8384	1767	259	49								10459	18.69	0.82
201408	TEPCO	1062	39										1101	3.40	0.25
	Contractors	7818	1338	214	9								9379	17.13	0.71
	Total	8880	1377	214	9								10480	17.13	0.67
201409	TEPCO	1110	51	1									1162	6.00	0.27
	Contractors	8013	1634	287	36								9970	18.22	0.84
	Total	9123	1685	288	36								11132	18.22	0.78
201410	TEPCO	1112	62										1174	2.70	0.29
	Contractors	7951	1766	234	18								9969	14.92	0.80
	Total	9063	1828	234	18								11143	14.92	0.74
201411	TEPCO	1141	45										1186	3.00	0.21
	Contractors	8198	1644	269	19								10130	15.92	0.78
	Total	9339	1689	269	19								11316	15.92	0.72
201412	TEPCO	1099	60										1159	4.30	0.24
	Contractors	8272	1912	283	34								10501	16.74	0.85
	Total	9371	1972	283	34								11660	16.74	0.79
201501	TEPCO	1111	37										1148	4.20	0.22
	Contractors	8514	1513	56	1								10084	12.80	0.56
	Total	9625	1550	56	1								11232	12.80	0.53
201502	TEPCO	1096	74	6									1176	8.00	0.33
	Contractors	8498	2214	285	36								11033	16.80	0.89
	Total	9594	2288	291	36								12209	16.80	0.83
201503	TEPCO	1060	79	3									1142	6.40	0.32
	Contractors	8036	2466	553	118								11173	19.90	1.21
	Total	9096	2545	556	118								12315	19.90	1.13

Year and month	TEPCO/Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201504	TEPCO	1100	66										1166	4.80	0.27
	Contractors	7693	2414	248	20								10375	15.60	0.93
	Total	8793	2480	248	20								11541	15.60	0.86
201505	TEPCO	1092	42										1134	2.12	0.20
	Contractors	8100	1746	98	4								9948	11.40	0.66
	Total	9192	1788	98	4								11082	11.40	0.61
201506	TEPCO	1128	64										1192	3.90	0.25
	Contractors	8185	1737	167	12								10101	11.50	0.72
	Total	9313	1801	167	12								11293	11.50	0.67
201507	TEPCO	1119	53	1									1173	5.10	0.24
	Contractors	8140	1646	134	7								9927	10.72	0.66
	Total	9259	1699	135	7								11100	10.72	0.62
201508	TEPCO	1083	53										1136	3.38	0.21
	Contractors	8369	1040	36	1								9446	10.30	0.43
	Total	9452	1093	36	1								10582	10.30	0.41
201509	TEPCO	1144	51	1									1196	5.60	0.24
	Contractors	8034	1590	140	16								9780	15.30	0.67
	Total	9178	1641	141	16								10976	15.30	0.63
201510	TEPCO	1130	52										1182	3.20	0.22
	Contractors	7864	1699	145	9								9717	14.42	0.70
	Total	8994	1751	145	9								10899	14.42	0.64
201511	TEPCO	1119	48										1167	4.96	0.22
	Contractors	7920	1451	110	7								9488	13.88	0.61
	Total	9039	1499	110	7								10655	13.88	0.57
201512	TEPCO	1122	47										1169	2.70	0.21
	Contractors	8026	1335	73	5								9439	13.50	0.56
	Total	9148	1382	73	5								10608	13.50	0.52
201601	TEPCO	1108	38										1146	3.30	0.20
	Contractors	8070	1194	60	4								9328	16.00	0.51
	Total	9178	1232	60	4								10474	16.00	0.48
201602	TEPCO	1128	49										1177	4.70	0.22
	Contractors	7896	1461	78	12								9447	12.36	0.59
	Total	9024	1510	78	12								10624	12.36	0.55
201603	TEPCO	1125	44										1169	2.71	0.20
	Contractors	8051	1291	93	19								9454	13.82	0.59
	Total	9176	1335	93	19								10623	13.82	0.55
201604	TEPCO	1097	16										1113	1.90	0.16
	Contractors	7852	870	42									8764	9.78	0.41
	Total	8949	886	42									9877	9.78	0.38
201605	TEPCO	1128	9										1137	2.50	0.14
	Contractors	7738	651	19									8408	9.70	0.32
	Total	8866	660	19									9545	9.70	0.30
201606	TEPCO	1166	26										1192	2.00	0.16
	Contractors	7928	833	56	6								8823	13.81	0.42
	Total	9094	859	56	6								10015	13.81	0.38
201607	TEPCO	1138	12										1150	1.92	0.11
	Contractors	7849	791	80	3								8723	10.70	0.41
	Total	8987	803	80	3								9873	10.70	0.38
201608	TEPCO	1125	41										1166	4.39	0.17
	Contractors	7951	532	19									8502	7.10	0.28
	Total	9076	573	19									9668	7.10	0.27

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201609	TEPCO	1160	20										1180	3.50	0.14
	Contractors	8041	689	35									8765	8.80	0.35
	Total	9201	709	35									9945	8.80	0.33
201610	TEPCO	1142	21										1163	2.40	0.14
	Contractors	7693	875	48									8616	8.34	0.42
	Total	8835	896	48									9779	8.34	0.39
201611	TEPCO	1167	29										1196	3.10	0.15
	Contractors	7646	1000	50	5								8701	12.00	0.45
	Total	8813	1029	50	5								9897	12.00	0.42
201612	TEPCO	1144	16	2									1162	6.24	0.16
	Contractors	7667	856	46	4								8573	12.60	0.41
	Total	8811	872	48	4								9735	12.60	0.38
201701	TEPCO	1105	24										1129	2.40	0.15
	Contractors	7729	785	69	5								8588	11.00	0.42
	Total	8834	809	69	5								9717	11.00	0.38
201702	TEPCO	1127	49										1176	3.40	0.17
	Contractors	7659	1111	121	6								8897	13.70	0.53
	Total	8786	1160	121	6								10073	13.70	0.48
201703	TEPCO	1132	38										1170	3.70	0.18
	Contractors	7525	1130	162	26								8843	16.30	0.61
	Total	8657	1168	162	26								10013	16.30	0.56
201704	TEPCO	1027	26										1053	2.74	0.17
	Contractors	7165	892	87	5								8149	11.40	0.47
	Total	8192	918	87	5								9202	11.40	0.43
201705	TEPCO	1023	12										1035	2.40	0.13
	Contractors	7247	713	78									8038	8.80	0.39
	Total	8270	725	78									9073	8.80	0.36
201706	TEPCO	1023	26										1049	3.30	0.16
	Contractors	7301	890	64	9								8264	12.90	0.45
	Total	8324	916	64	9								9313	12.90	0.42
201707	TEPCO	1001	14										1015	3.80	0.13
	Contractors	7211	847	55	2								8115	11.50	0.42
	Total	8212	861	55	2								9130	11.50	0.39
201708	TEPCO	979	19										998	3.20	0.13
	Contractors	7164	651	19									7834	7.60	0.32
	Total	8143	670	19									8832	7.60	0.30
201709	TEPCO	1033	15										1048	3.30	0.11
	Contractors	7082	657	16									7755	7.50	0.32
	Total	8115	672	16									8803	7.50	0.30
201710	TEPCO	1035	29										1064	2.50	0.14
	Contractors	6886	715	32	2								7635	10.30	0.37
	Total	7921	744	32	2								8699	10.30	0.34
201711	TEPCO	1027	23										1050	2.40	0.12
	Contractors	6874	660	35	5								7574	11.20	0.37
	Total	7901	683	35	5								8624	11.20	0.34
201712	TEPCO	961	22										983	2.60	0.14
	Contractors	6683	578	18	1								7280	10.31	0.32
	Total	7644	600	18	1								8263	10.31	0.30
201801	TEPCO	914	24										938	4.14	0.13
	Contractors	6444	614	23	1								7082	10.60	0.35
	Total	7358	638	23	1								8020	10.60	0.32

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201802	TEPCO	941	50										991	3.83	0.21
	Contractors	6353	791	56									7200	9.80	0.43
	Total	7294	841	56									8191	9.80	0.41
201803	TEPCO	935	46										981	2.96	0.17
	Contractors	6394	768	69									7231	8.83	0.45
	Total	7329	814	69									8212	8.83	0.42
201804	TEPCO	1001	13										1014	2.40	0.11
	Contractors	5840	509	26									6375	8.40	0.33
	Total	6841	522	26									7389	8.40	0.30
201805	TEPCO	927	15										942	1.90	0.12
	Contractors	5820	481	18									6319	9.40	0.30
	Total	6747	496	18									7261	9.40	0.28
201806	TEPCO	939	29										968	2.68	0.14
	Contractors	5795	488	4									6287	7.37	0.30
	Total	6734	517	4									7255	7.37	0.28
201807	TEPCO	867	27										894	2.72	0.13
	Contractors	5665	597	21									6283	9.70	0.34
	Total	6532	624	21									7177	9.70	0.32
201808	TEPCO	947	25										972	2.30	0.13
	Contractors	5784	453	9									6246	6.30	0.29
	Total	6731	478	9									7218	6.30	0.27
201809	TEPCO	985	17										1002	1.90	0.11
	Contractors	5684	469	8									6161	8.00	0.28
	Total	6669	486	8									7163	8.00	0.26
201810	TEPCO	976	26										1002	4.17	0.15
	Contractors	5579	567	18									6164	8.20	0.35
	Total	6555	593	18									7166	8.20	0.32
201811	TEPCO	1009	13										1022	2.95	0.11
	Contractors	5556	626	42									6224	9.88	0.39
	Total	6565	639	42									7246	9.88	0.35
201812	TEPCO	981	21										1002	4.52	0.13
	Contractors	5562	621	55	4								6242	14.10	0.42
	Total	6543	642	55	4								7244	14.10	0.38
201901	TEPCO	944	16										960	2.32	0.10
	Contractors	5569	511	37									6117	7.81	0.36
	Total	6513	527	37									7077	7.81	0.32
201902	TEPCO	974	28	1									1003	5.38	0.15
	Contractors	5575	676	58	2								6311	12.60	0.44
	Total	6549	704	59	2								7314	12.60	0.40
201903	TEPCO	960	34	1									995	5.70	0.16
	Contractors	5532	613	32	1								6178	11.41	0.39
	Total	6492	647	33	1								7173	11.41	0.35
201904	TEPCO	920	24										944	2.66	0.13
	Contractors	4780	491	8									5279	7.80	0.33
	Total	5700	515	8									6223	7.80	0.30
201905	TEPCO	967	20										987	2.80	0.13
	Contractors	4876	552	5									5433	5.60	0.33
	Total	5843	572	5									6420	5.60	0.30
201906	TEPCO	1016	17	1									1034	5.20	0.12
	Contractors	4993	538	12									5543	7.11	0.35
	Total	6009	555	13									6577	7.11	0.31

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of Workers	Maximum (mSv)	Average (mSv)
201907	TEPCO	964	19										983	3.60	0.13
	Contractors	5048	547	10									5605	9.70	0.35
	Total	6012	566	10									6588	9.70	0.32
201908	TEPCO	1006	12										1018	2.75	0.10
	Contractors	5037	471	6									5514	7.99	0.30
	Total	6043	483	6									6532	7.99	0.27
201909	TEPCO	941	12										953	3.52	0.10
	Contractors	4963	580	9									5552	7.42	0.34
	Total	5904	592	9									6505	7.42	0.31

Note)

\*The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

**Table 13. Monthly Internal Exposure Dose Data**

Year and month	TEPCO/Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201103	TEPCO	574	207	275	399	189	27	11	7	1	1	5	1696	590.00	12.01
	Contractors	1267	342	291	253	103	11	10					2277	98.53	5.10
	Total	1841	549	566	652	292	38	21	7	1	1	5	3973	590.00	8.05
201104	TEPCO	1638	15	2	2								1657	18.81	0.05
	Contractors	3960	156	50	16	#5							4187	38.40	0.33
	Total	5598	171	52	18	5							5844	38.40	0.25
201105	TEPCO	1473	3	1									1477	7.89	0.01
	Contractors	5637	108	44	16	4							5809	32.80	0.19
	Total	7110	111	45	16	4							7286	32.80	0.15
201106	TEPCO	1345	5	1									1351	6.94	0.02
	Contractors	6121	#82	#30	#15		#1	#1					6250	89.20	0.16
	Total	7466	87	31	15		1	1					7601	89.20	0.13
201107	TEPCO	1348	1	2									1351	6.33	0.01
	Contractors	6364	#12	#4	#5	#7	#3						6395	59.35	0.10
	Total	7712	13	6	5	7	3						7746	59.35	0.08
201108	TEPCO	1285	1										1286	2.66	0.00
	Contractors	6201	#5				#2						6208	66.50	0.03
	Total	7486	6				2						7494	66.50	0.02
201109	TEPCO	1207											1207	0.00	0.00
	Contractors	5980	#1	#1		#1							5983	23.70	0.01
	Total	7187	1	1		1							7190	23.70	0.01
201110	TEPCO	1179											1179	0.00	0.00
	Contractors	5616	#1	#1									5618	6.90	0.00
	Total	6795	1	1									6797	6.90	0.00
201111	TEPCO	1180											1180	0.00	0.00
	Contractors	5578											5578	1.99	0.00
	Total	6758											6758	1.99	0.00
201112	TEPCO	1192											1192	0.00	0.00
	Contractors	5407											5407	0.50	0.00
	Total	6599											6599	0.50	0.00
201201	TEPCO	1095											1095	0.00	0.00
	Contractors	4945	#1										4946	2.47	0.00
	Total	6040	1										6041	2.47	0.00
201202	TEPCO	1109											1109	0.00	0.00
	Contractors	4847											4847	0.85	0.00
	Total	5956											5956	0.85	0.00
201203	TEPCO	1119											1119	0.00	0.00
	Contractors	4755											4755	0.20	0.00
	Total	5874											5874	0.20	0.00
201204	TEPCO	1071											1071	0.00	0.00
	Contractors	4369											4369	0.00	0.00
	Total	5440											5440	0.00	0.00
201205	TEPCO	1042											1042	0.00	0.00
	Contractors	4598											4598	0.10	0.00
	Total	5640											5640	0.10	0.00



Year and month	TEPCO/ Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201206	TEPCO	1014											1014	0.00	0.00
	Contractors	4987											4987	0.00	0.00
	Total	6001											6001	0.00	0.00
201207	TEPCO	1013											1013	0.00	0.00
	Contractors	4946											4946	0.00	0.00
	Total	5959											5959	0.00	0.00
201208	TEPCO	986											986	0.00	0.00
	Contractors	4764											4764	0.00	0.00
	Total	5750											5750	0.00	0.00
201209	TEPCO	982											982	0.00	0.00
	Contractors	4739											4739	0.00	0.00
	Total	5721											5721	0.00	0.00
201210	TEPCO	978											978	0.00	0.00
	Contractors	4799											4799	0.00	0.00
	Total	5777											5777	0.00	0.00
201211	TEPCO	968											968	0.00	0.00
	Contractors	4700											4700	0.00	0.00
	Total	5668											5668	0.00	0.00
201212	TEPCO	1005											1005	0.00	0.00
	Contractors	5042											5042	0.00	0.00
	Total	6047											6047	0.00	0.00
201301	TEPCO	969											969	0.00	0.00
	Contractors	5200											5200	0.00	0.00
	Total	6169											6169	0.00	0.00
201302	TEPCO	977											977	0.00	0.00
	Contractors	5630											5630	0.00	0.00
	Total	6607											6607	0.00	0.00
201303	TEPCO	997											997	0.00	0.00
	Contractors	5984											5984	0.00	0.00
	Total	6981											6981	0.00	0.00
201304	TEPCO	1060											1060	0.00	0.00
	Contractors	5310											5310	0.00	0.00
	Total	6370											6370	0.00	0.00
201305	TEPCO	1000											1000	0.00	0.00
	Contractors	5158											5158	0.00	0.00
	Total	6158											6158	0.00	0.00
201306	TEPCO	1024											1024	0.00	0.00
	Contractors	5005											5005	0.00	0.00
	Total	6029											6029	0.00	0.00
201307	TEPCO	988											988	0.00	0.00
	Contractors	4996											4996	0.00	0.00
	Total	5984											5984	0.00	0.00
201308	TEPCO	956											956	0.00	0.00
	Contractors	5058											5058	0.00	0.00
	Total	6014											6014	0.00	0.00
201309	TEPCO	1038											1038	0.00	0.00
	Contractors	5254											5254	0.00	0.00
	Total	6292											6292	0.00	0.00

Year and month	TEPCO/Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201310	TEPCO	1047											1047	0.00	0.00
	Contractors	5406											5406	0.00	0.00
	Total	6453											6453	0.00	0.00
201311	TEPCO	1079											1079	0.00	0.00
	Contractors	5568											5568	0.00	0.00
	Total	6647											6647	0.00	0.00
201312	TEPCO	1086											1086	0.00	0.00
	Contractors	5701											5701	0.00	0.00
	Total	6787											6787	0.00	0.00
201401	TEPCO	1081											1081	0.00	0.00
	Contractors	5891											5891	0.00	0.00
	Total	6972											6972	0.00	0.00
201402	TEPCO	1078											1078	0.00	0.00
	Contractors	6420											6420	0.00	0.00
	Total	7498											7498	0.00	0.00
201403	TEPCO	1097											1097	0.00	0.00
	Contractors	7057											7057	0.00	0.00
	Total	8154											8154	0.00	0.00
201404	TEPCO	1094											1094	0.00	0.00
	Contractors	7445											7445	0.00	0.00
	Total	8539											8539	0.00	0.00
201405	TEPCO	1119											1119	0.00	0.00
	Contractors	8025											8025	0.00	0.00
	Total	9144											9144	0.00	0.00
201406	TEPCO	1123											1123	0.00	0.00
	Contractors	8918											8918	0.00	0.00
	Total	10041											10041	0.00	0.00
201407	TEPCO	1132											1132	0.00	0.00
	Contractors	9327											9327	0.00	0.00
	Total	10459											10459	0.00	0.00
201408	TEPCO	1101											1101	0.00	0.00
	Contractors	9379											9379	0.00	0.00
	Total	10480											10480	0.00	0.00
201409	TEPCO	1162											1162	0.00	0.00
	Contractors	9970											9970	0.00	0.00
	Total	11132											11132	0.00	0.00
201410	TEPCO	1174											1174	0.00	0.00
	Contractors	9969											9969	0.00	0.00
	Total	11143											11143	0.00	0.00
201411	TEPCO	1186											1186	0.00	0.00
	Contractors	10130											10130	0.00	0.00
	Total	11316											11316	0.00	0.00
201412	TEPCO	1159											1159	0.00	0.00
	Contractors	10501											10501	0.00	0.00
	Total	11660											11660	0.00	0.00
201501	TEPCO	1148											1148	0.00	0.00
	Contractors	10084											10084	0.00	0.00
	Total	11232											11232	0.00	0.00

Year and month	TEPCO/Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201502	TEPCO	1176											1176	0.00	0.00
	Contractors	11033											11033	0.00	0.00
	Total	12209											12209	0.00	0.00
201503	TEPCO	1142											1142	0.00	0.00
	Contractors	11173											11173	0.00	0.00
	Total	12315											12315	0.00	0.00
201504	TEPCO	1166											1166	0.00	0.00
	Contractors	10375											10375	0.00	0.00
	Total	11541											11541	0.00	0.00
201505	TEPCO	1134											1134	0.00	0.00
	Contractors	9948											9948	0.00	0.00
	Total	11082											11082	0.00	0.00
201506	TEPCO	1192											1192	0.00	0.00
	Contractors	10101											10101	0.00	0.00
	Total	11293											11293	0.00	0.00
201507	TEPCO	1173											1173	0.00	0.00
	Contractors	9927											9927	0.00	0.00
	Total	11100											11100	0.00	0.00
201508	TEPCO	1136											1136	0.00	0.00
	Contractors	9446											9446	0.00	0.00
	Total	10582											10582	0.00	0.00
201509	TEPCO	1196											1196	0.00	0.00
	Contractors	9780											9780	0.00	0.00
	Total	10976											10976	0.00	0.00
201510	TEPCO	1182											1182	0.00	0.00
	Contractors	9717											9717	0.00	0.00
	Total	10899											10899	0.00	0.00
201511	TEPCO	1167											1167	0.00	0.00
	Contractors	9488											9488	0.00	0.00
	Total	10655											10655	0.00	0.00
201512	TEPCO	1169											1169	0.00	0.00
	Contractors	9439											9439	0.00	0.00
	Total	10608											10608	0.00	0.00
201601	TEPCO	1146											1146	0.00	0.00
	Contractors	9328											9328	0.00	0.00
	Total	10474											10474	0.00	0.00
201602	TEPCO	1177											1177	0.00	0.00
	Contractors	9447											9447	0.00	0.00
	Total	10624											10624	0.00	0.00
201603	TEPCO	1169											1169	0.00	0.00
	Contractors	9454											9454	0.00	0.00
	Total	10623											10623	0.00	0.00
201604	TEPCO	1113											1113	0.00	0.00
	Contractors	8764											8764	0.00	0.00
	Total	9877											9877	0.00	0.00
201605	TEPCO	1137											1137	0.00	0.00
	Contractors	8408											8408	0.00	0.00
	Total	9545											9545	0.00	0.00

Year and month	TEPCO/Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201606	TEPCO	1192											1192	0.00	0.00
	Contractors	8823											8823	0.00	0.00
	Total	10015											10015	0.00	0.00
201607	TEPCO	1150											1150	0.00	0.00
	Contractors	8723											8723	0.00	0.00
	Total	9873											9873	0.00	0.00
201608	TEPCO	1166											1166	0.00	0.00
	Contractors	8502											8502	0.00	0.00
	Total	9668											9668	0.00	0.00
201609	TEPCO	1180											1180	0.00	0.00
	Contractors	8765											8765	0.00	0.00
	Total	9945											9945	0.00	0.00
201610	TEPCO	1163											1163	0.00	0.00
	Contractors	8616											8616	0.00	0.00
	Total	9779											9779	0.00	0.00
201611	TEPCO	1196											1196	0.00	0.00
	Contractors	8701											8701	0.00	0.00
	Total	9897											9897	0.00	0.00
201612	TEPCO	1162											1162	0.00	0.00
	Contractors	8573											8573	0.00	0.00
	Total	9735											9735	0.00	0.00
201701	TEPCO	1129											1129	0.00	0.00
	Contractors	8588											8588	0.00	0.00
	Total	9717											9717	0.00	0.00
201702	TEPCO	1176											1176	0.00	0.00
	Contractors	8897											8897	0.00	0.00
	Total	10073											10073	0.00	0.00
201703	TEPCO	1170											1170	0.00	0.00
	Contractors	8843											8843	0.00	0.00
	Total	10013											10013	0.00	0.00
201704	TEPCO	1053											1053	0.00	0.00
	Contractors	8149											8149	0.00	0.00
	Total	9202											9202	0.00	0.00
201705	TEPCO	1035											1035	0.00	0.00
	Contractors	8038											8038	0.00	0.00
	Total	9073											9073	0.00	0.00
201706	TEPCO	1049											1049	0.00	0.00
	Contractors	8264											8264	0.00	0.00
	Total	9313											9313	0.00	0.00
201707	TEPCO	1015											1015	0.00	0.00
	Contractors	8115											8115	0.00	0.00
	Total	9130											9130	0.00	0.00
201708	TEPCO	998											998	0.00	0.00
	Contractors	7834											7834	0.00	0.00
	Total	8832											8832	0.00	0.00
201709	TEPCO	1048											1048	0.00	0.00
	Contractors	7755											7755	0.00	0.00
	Total	8803											8803	0.00	0.00

Year and month	TEPCO/ Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201710	TEPCO	1064											1064	0.00	0.00
	Contractors	7635											7635	0.00	0.00
	Total	8699											8699	0.00	0.00
201711	TEPCO	1050											1050	0.00	0.00
	Contractors	7574											7574	0.00	0.00
	Total	8624											8624	0.00	0.00
201712	TEPCO	983											983	0.00	0.00
	Contractors	7280											7280	0.00	0.00
	Total	8263											8263	0.00	0.00
201801	TEPCO	938											938	0.00	0.00
	Contractors	7082											7082	0.00	0.00
	Total	8020											8020	0.00	0.00
201802	TEPCO	991											991	0.00	0.00
	Contractors	7200											7200	0.00	0.00
	Total	8191											8191	0.00	0.00
201803	TEPCO	981											981	0.00	0.00
	Contractors	7231											7231	0.00	0.00
	Total	8212											8212	0.00	0.00
201804	TEPCO	1014											1014	0.00	0.00
	Contractors	6375											6375	0.00	0.00
	Total	7389											7389	0.00	0.00
201805	TEPCO	942											942	0.00	0.00
	Contractors	6319											6319	0.00	0.00
	Total	7261											7261	0.00	0.00
201806	TEPCO	968											968	0.00	0.00
	Contractors	6287											6287	0.00	0.00
	Total	7255											7255	0.00	0.00
201807	TEPCO	894											894	0.00	0.00
	Contractors	6283											6283	0.00	0.00
	Total	7177											7177	0.00	0.00
201808	TEPCO	972											972	0.00	0.00
	Contractors	6246											6246	0.00	0.00
	Total	7218											7218	0.00	0.00
201809	TEPCO	1002											1002	0.00	0.00
	Contractors	6161											6161	0.00	0.00
	Total	7163											7163	0.00	0.00
201810	TEPCO	1002											1002	0.00	0.00
	Contractors	6164											6164	0.00	0.00
	Total	7166											7166	0.00	0.00
201811	TEPCO	1022											1022	0.00	0.00
	Contractors	6224											6224	0.00	0.00
	Total	7246											7246	0.00	0.00
201812	TEPCO	1002											1002	0.00	0.00
	Contractors	6242											6242	0.00	0.00
	Total	7244											7244	0.00	0.00
201901	TEPCO	960											960	0.00	0.00
	Contractors	6117											6117	0.00	0.00
	Total	7077											7077	0.00	0.00

Year and month	TEPCO/ Contractors	2 or less (mSv)	2-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maximum (mSv)	Average (mSv)
201902	TEPCO	1003											1003	0.00	0.00
	Contractors	6311											6311	0.00	0.00
	Total	7314											7314	0.00	0.00
201903	TEPCO	995											995	0.00	0.00
	Contractors	6178											6178	0.00	0.00
	Total	7173											7173	0.00	0.00
201904	TEPCO	944											944	0.00	0.00
	Contractors	5279											5279	0.00	0.00
	Total	6223											6223	0.00	0.00
201905	TEPCO	987											987	0.00	0.00
	Contractors	5433											5433	0.00	0.00
	Total	6420											6420	0.00	0.00
201906	TEPCO	1034											1034	0.00	0.00
	Contractors	5543											5543	0.00	0.00
	Total	6577											6577	0.00	0.00
201907	TEPCO	983											983	0.00	0.00
	Contractors	5605											5605	0.00	0.00
	Total	6588											6588	0.00	0.00
201908	TEPCO	1018											1018	0.00	0.00
	Contractors	5514											5514	0.00	0.00
	Total	6532											6532	0.00	0.00
201909	TEPCO	953											953	0.00	0.00
	Contractors	5552											5552	0.00	0.00
	Total	6505											6505	0.00	0.00

Note)

•The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

•Depending on the prime contractors, there are some cases in which the internal exposure dose is recorded as that of the WBC measurement month, not the inhalation exposure month.

•Basically, internal exposure dose should be recorded as that of the month including the day when radioactive materials were inhaled, which we call here an "inhalation day." However, regarding all or most of the data indicated with # in the table, they are recorded as the exposure dose of the month including the WBC measurement day, not the inhalation day.

**Table 14. Cumulative Exposure Dose Data of Subsequent Month(s) After March 2011**

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201103-201103	TEPCO	40	66	239	529	539	119	77	65	16	0	6	1696	670.36	31.53
	Contractors	402	525	397	461	372	65	34	17	2	2	0	2277	238.42	14.18
	Total	442	591	636	990	911	184	111	82	18	2	6	3973	670.36	21.59
201103-201104	TEPCO	196	288	350	479	623	170	79	95	19	1	6	2306	678.08	27.97
	Contractors	1451	1558	766	710	569	95	42	18	2	2	0	5213	238.42	9.70
	Total	1647	1846	1116	1189	1192	265	121	113	21	3	6	7519	678.08	15.30
201103-201105	TEPCO	312	404	354	489	637	190	95	101	20	1	6	2609	678.80	26.50
	Contractors	2257	2517	1218	1081	778	121	47	20	2	2	0	8043	238.42	8.73
	Total	2569	2921	1572	1570	1415	311	142	121	22	3	6	10652	678.80	13.08
201103-201106	TEPCO	399	444	364	498	647	185	112	105	22	1	6	2783	678.80	25.87
	Contractors	2694	2986	1546	1475	1079	136	50	20	2	2	0	9990	238.42	9.00
	Total	3093	3430	1910	1973	1726	321	162	125	24	3	6	12773	678.80	12.68
201103-201107	TEPCO	521	482	362	498	655	186	122	109	22	1	6	2964	678.80	25.06
	Contractors	3077	3654	1870	1746	1285	159	52	20	2	2	0	11867	238.42	8.91
	Total	3598	4136	2232	2244	1940	345	174	129	24	3	6	14831	678.80	12.14
201103-201108	TEPCO	565	505	358	495	659	201	125	115	22	1	6	3052	678.80	25.06
	Contractors	3135	3834	2181	1980	1523	171	53	20	2	2	0	12901	238.42	9.26
	Total	3700	4339	2539	2475	2182	372	178	135	24	3	6	15953	678.80	12.28
201103-201109	TEPCO	604	496	363	494	654	214	132	117	24	1	6	3105	678.80	25.20
	Contractors	3310	4013	2278	2270	1694	188	57	20	2	2	0	13834	238.42	9.51
	Total	3914	4509	2641	2764	2348	402	189	137	26	3	6	16939	678.80	12.38
201103-201110	TEPCO	627	511	355	490	651	226	144	116	26	1	6	3153	678.80	25.40
	Contractors	3523	4111	2357	2458	1861	220	58	20	2	2	0	14612	238.42	9.71
	Total	4150	4622	2712	2948	2512	446	202	136	28	3	6	17765	678.80	12.50
201103-201111	TEPCO	656	543	350	486	654	229	152	116	26	1	6	3219	678.80	25.27
	Contractors	4074	4235	2368	2585	2035	232	62	20	2	2	0	15615	238.42	9.61
	Total	4730	4778	2718	3071	2689	461	214	136	28	3	6	18834	678.80	12.29
201103-201112	TEPCO	687	557	354	487	647	240	161	116	26	1	6	3282	678.80	25.19
	Contractors	4252	4406	2429	2719	2174	239	62	20	2	2	0	16305	238.42	9.68
	Total	4939	4963	2783	3206	2821	479	223	136	28	3	6	19587	678.80	12.28
201103-201201	TEPCO	698	575	366	485	643	241	173	116	26	1	6	3330	678.80	25.21
	Contractors	4421	4531	2461	2786	2325	245	62	20	2	2	0	16855	238.42	9.76
	Total	5119	5106	2827	3271	2968	486	235	136	28	3	6	20185	678.80	12.31
201103-201202	TEPCO	705	590	374	490	639	246	178	116	26	1	6	3371	678.80	25.21
	Contractors	4450	4595	2523	2826	2511	251	64	20	2	2	0	17244	238.42	9.96
	Total	5155	5185	2897	3316	3150	497	242	136	28	3	6	20615	678.80	12.46
201103-201203	TEPCO	735	589	377	491	630	257	186	117	26	1	6	3415	678.80	25.15
	Contractors	4633	4625	2556	2896	2660	261	65	20	2	2	0	17720	238.42	10.06
	Total	5368	5214	2933	3387	3290	518	251	137	28	3	6	21135	678.80	12.50
201103-201204	TEPCO	753	591	374	505	623	259	195	117	26	1	6	3450	678.80	25.13
	Contractors	4957	4712	2551	2957	2756	279	65	20	2	2	0	18301	238.42	10.05
	Total	5710	5303	2925	3462	3379	538	260	137	28	3	6	21751	678.80	12.44
201103-201205	TEPCO	771	594	377	500	624	262	201	117	26	1	6	3479	678.80	25.12
	Contractors	5248	4833	2596	2961	2857	314	66	20	2	2	0	18899	238.42	10.08
	Total	6019	5427	2973	3461	3481	576	267	137	28	3	6	22378	678.80	12.42
201103-201206	TEPCO	778	598	383	500	621	268	206	117	26	1	6	3504	678.80	25.17
	Contractors	5324	5134	2632	3003	2931	349	69	20	2	2	0	19466	238.42	10.12
	Total	6102	5732	3015	3503	3552	617	275	137	28	3	6	22970	678.80	12.41

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201103-201207	TEPCO	813	602	384	502	622	266	213	117	26	1	6	3552	678.80	25.00
	Contractors	5383	5304	2679	3053	3021	392	70	20	2	2	0	19926	238.42	10.22
	Total	6196	5906	3063	3555	3643	658	283	137	28	3	6	23478	678.80	12.45
201103-201208	TEPCO	825	612	387	502	616	277	213	117	26	1	6	3582	678.80	24.96
	Contractors	5510	5401	2725	3084	3089	411	73	20	2	2	0	20317	238.42	10.26
	Total	6335	6013	3112	3586	3705	688	286	137	28	3	6	23899	678.80	12.47
201103-201209	TEPCO	812	621	391	502	614	281	218	117	26	1	6	3589	678.80	25.07
	Contractors	5575	5503	2830	3087	3177	438	73	20	2	2	0	20707	238.42	10.33
	Total	6387	6124	3221	3589	3791	719	291	137	28	3	6	24296	678.80	12.51
201103-201210	TEPCO	841	630	392	501	616	288	220	117	26	1	6	3638	678.80	24.90
	Contractors	5700	5597	2944	3144	3227	458	76	20	2	2	0	21170	238.42	10.36
	Total	6541	6227	3336	3645	3843	746	296	137	28	3	6	24808	678.80	12.49
201103-201211	TEPCO	824	647	395	498	612	294	225	117	26	1	6	3645	678.80	25.01
	Contractors	5841	5655	3017	3215	3281	473	80	20	2	2	0	21586	238.42	10.40
	Total	6665	6302	3412	3713	3893	767	305	137	28	3	6	25231	678.80	12.51
201103-201212	TEPCO	824	642	409	494	612	297	229	117	26	1	6	3657	678.80	25.09
	Contractors	6016	5788	3081	3256	3355	496	80	20	2	2	0	22096	238.42	10.41
	Total	6840	6430	3490	3750	3967	793	309	137	28	3	6	25753	678.80	12.49
201103-201301	TEPCO	824	645	411	495	615	294	234	117	26	1	6	3668	678.80	25.13
	Contractors	6192	5870	3153	3317	3427	512	80	20	2	2	0	22575	238.42	10.41
	Total	7016	6515	3564	3812	4042	806	314	137	28	3	6	26243	678.80	12.47
201103-201302	TEPCO	828	645	413	498	618	295	235	117	26	1	6	3682	678.80	25.15
	Contractors	6358	5963	3165	3430	3515	540	83	20	2	2	0	23078	238.42	10.48
	Total	7186	6608	3578	3928	4133	835	318	137	28	3	6	26760	678.80	12.49
201103-201303	TEPCO	836	639	423	500	617	298	238	117	26	1	6	3701	678.80	25.18
	Contractors	6513	6064	3236	3506	3628	571	85	20	2	2	0	23627	238.42	10.57
	Total	7349	6703	3659	4006	4245	869	323	137	28	3	6	27328	678.80	12.55
201103-201304	TEPCO	874	654	432	501	619	301	239	117	26	1	6	3770	678.80	24.86
	Contractors	6734	6158	3283	3544	3684	591	86	20	2	2	0	24104	238.42	10.56
	Total	7608	6812	3715	4045	4303	892	325	137	28	3	6	27874	678.80	12.49
201103-201305	TEPCO	878	657	433	510	620	300	242	117	26	1	6	3790	678.80	24.85
	Contractors	6887	6276	3289	3568	3740	614	87	20	2	2	0	24485	238.42	10.57
	Total	7765	6933	3722	4078	4360	914	329	137	28	3	6	28275	678.80	12.49
201103-201306	TEPCO	878	661	430	520	618	301	245	117	26	1	6	3803	678.80	24.88
	Contractors	6964	6341	3322	3564	3806	645	90	20	2	2	0	24756	238.42	10.63
	Total	7842	7002	3752	4084	4424	946	335	137	28	3	6	28559	678.80	12.53
201103-201307	TEPCO	910	667	426	531	615	306	245	117	26	1	6	3850	678.80	24.68
	Contractors	7109	6404	3388	3573	3840	679	92	20	2	2	0	25109	238.42	10.66
	Total	8019	7071	3814	4104	4455	985	337	137	28	3	6	28959	678.80	12.52
201103-201308	TEPCO	908	679	425	536	612	311	249	117	26	1	6	3870	678.80	24.68
	Contractors	7177	6504	3427	3600	3907	706	98	20	2	2	0	25443	238.42	10.72
	Total	8085	7183	3852	4136	4519	1017	347	137	28	3	6	29313	678.80	12.57
201103-201309	TEPCO	978	685	432	539	607	315	252	117	26	1	6	3958	678.80	24.24
	Contractors	7280	6522	3530	3653	3983	741	100	20	2	2	0	25833	238.42	10.82
	Total	8258	7207	3962	4192	4590	1056	352	137	28	3	6	29791	678.80	12.61
201103-201310	TEPCO	1018	700	436	540	611	315	257	117	26	1	6	4027	678.80	23.97
	Contractors	7394	6632	3582	3738	4076	779	105	20	2	2	0	26330	238.42	10.91
	Total	8412	7332	4018	4278	4687	1094	362	137	28	3	6	30357	678.80	12.64
201103-201311	TEPCO	1014	724	438	542	611	320	258	117	26	1	6	4057	678.80	23.92
	Contractors	7582	6704	3630	3806	4144	831	110	20	2	2	0	26831	238.42	10.97
	Total	8596	7428	4068	4348	4755	1151	368	137	28	3	6	30888	678.80	12.67
201103-201312	TEPCO	1013	736	437	546	613	322	259	117	26	1	6	4076	678.80	23.93
	Contractors	7678	6825	3679	3893	4214	860	114	20	2	2	0	27287	238.42	11.02
	Total	8691	7561	4116	4439	4827	1182	373	137	28	3	6	31363	678.80	12.70



Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201103-201401	TEPCO	1005	751	439	548	616	321	262	117	26	1	6	4092	678.80	23.93
	Contractors	7884	6960	3781	3963	4310	884	121	20	2	2	0	27927	238.42	11.02
	Total	8889	7711	4220	4511	4926	1205	383	137	28	3	6	32019	678.80	12.67
201103-201402	TEPCO	1013	753	446	547	620	319	265	117	26	1	6	4113	678.80	23.90
	Contractors	8030	7086	3802	4076	4384	915	123	20	2	2	0	28440	238.42	11.05
	Total	9043	7839	4248	4623	5004	1234	388	137	28	3	6	32553	678.80	12.67
201103-201403	TEPCO	1015	752	452	553	618	319	269	117	26	1	6	4128	678.80	23.91
	Contractors	8250	7251	3897	4177	4459	950	129	20	2	2	0	29137	238.42	11.04
	Total	9265	8003	4349	4730	5077	1269	398	137	28	3	6	33265	678.80	12.64
201103-201404	TEPCO	1025	753	467	558	612	323	273	117	26	1	6	4161	678.80	23.82
	Contractors	8671	7477	3967	4227	4565	980	135	20	2	2	0	30046	238.42	10.95
	Total	9696	8230	4434	4785	5177	1303	408	137	28	3	6	34207	678.80	12.52
201103-201405	TEPCO	1043	760	469	565	613	321	276	117	26	1	6	4197	678.80	23.70
	Contractors	9079	7753	4038	4279	4673	1014	138	20	2	2	0	30998	238.42	10.86
	Total	10122	8513	4507	4844	5286	1335	414	137	28	3	6	35195	678.80	12.39
201103-201406	TEPCO	1050	764	472	566	617	322	278	117	26	1	6	4219	678.80	23.66
	Contractors	9485	7930	4231	4342	4756	1053	145	20	2	2	0	31966	238.42	10.80
	Total	10535	8694	4703	4908	5373	1375	423	137	28	3	6	36185	678.80	12.30
201103-201407	TEPCO	1095	775	469	572	620	321	279	117	26	1	6	4281	678.80	23.39
	Contractors	9892	8078	4294	4483	4844	1080	155	20	2	2	0	32850	238.42	10.76
	Total	10987	8853	4763	5055	5464	1401	434	137	28	3	6	37131	678.80	12.22
201103-201408	TEPCO	1097	783	473	570	623	320	282	117	26	1	6	4298	678.80	23.36
	Contractors	10125	8149	4408	4537	4933	1106	160	20	2	2	0	33442	238.42	10.77
	Total	11222	8932	4881	5107	5556	1426	442	137	28	3	6	37740	678.80	12.20
201103-201409	TEPCO	1107	788	481	570	624	321	283	117	26	1	6	4324	678.80	23.29
	Contractors	10421	8284	4462	4669	5055	1138	163	20	2	2	0	34216	238.42	10.77
	Total	11528	9072	4943	5239	5679	1459	446	137	28	3	6	38540	678.80	12.18
201103-201410	TEPCO	1111	796	484	575	626	322	285	117	26	1	6	4349	678.80	23.23
	Contractors	10637	8462	4520	4727	5158	1181	166	20	2	2	0	34875	238.42	10.80
	Total	11748	9258	5004	5302	5784	1503	451	137	28	3	6	39224	678.80	12.18
201103-201411	TEPCO	1111	805	484	579	621	325	287	117	26	1	6	4362	678.80	23.22
	Contractors	10941	8561	4584	4866	5242	1220	169	20	2	2	0	35607	238.42	10.80
	Total	12052	9366	5068	5445	5863	1545	456	137	28	3	6	39969	678.80	12.15
201103-201412	TEPCO	1132	805	489	581	617	328	290	117	26	1	6	4392	678.80	23.12
	Contractors	11078	8743	4669	4956	5357	1258	175	20	2	2	0	36260	238.42	10.85
	Total	12210	9548	5158	5537	5974	1586	465	137	28	3	6	40652	678.80	12.18
201103-201501	TEPCO	1136	811	494	581	617	330	290	117	26	1	6	4409	678.80	23.09
	Contractors	11322	8887	4719	4987	5444	1286	176	20	2	2	0	36845	238.42	10.83
	Total	12458	9698	5213	5568	6061	1616	466	137	28	3	6	41254	678.80	12.14
201103-201502	TEPCO	1128	820	494	590	619	329	292	117	26	1	6	4422	678.80	23.11
	Contractors	11452	9163	4922	5045	5565	1324	182	20	2	2	0	37677	238.42	10.85
	Total	12580	9983	5416	5635	6184	1653	474	137	28	3	6	42099	678.80	12.14
201103-201503	TEPCO	1117	828	494	596	620	331	293	117	26	1	6	4429	678.80	23.16
	Contractors	11475	9060	5006	5383	5704	1363	196	20	2	2	0	38211	238.42	11.06
	Total	12592	9888	5500	5979	6324	1694	489	137	28	3	6	42640	678.80	12.31
201103-201504	TEPCO	1146	837	496	597	621	333	295	117	26	1	6	4475	678.80	22.99
	Contractors	11630	9076	5079	5455	5855	1400	204	20	2	2	0	38723	238.42	11.16
	Total	12776	9913	5575	6052	6476	1733	499	137	28	3	6	43198	678.80	12.38
201103-201505	TEPCO	1149	840	492	603	620	333	298	117	26	1	6	4485	678.80	22.99
	Contractors	11793	9142	5089	5469	5968	1433	206	20	2	2	0	39124	238.42	11.21
	Total	12942	9982	5581	6072	6588	1766	504	137	28	3	6	43609	678.80	12.42
201103-201506	TEPCO	1148	836	494	605	627	331	301	117	26	1	6	4492	678.80	23.02
	Contractors	11914	9231	5138	5508	6032	1478	215	20	2	2	0	39540	238.42	11.28
	Total	13062	10067	5632	6113	6659	1809	516	137	28	3	6	44032	678.80	12.48

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201103-201507	TEPCO	1228	837	498	605	628	335	301	117	26	1	6	4582	678.80	22.63
	Contractors	12113	9259	5195	5524	6112	1517	219	20	2	2	0	39963	238.42	11.32
	Total	13341	10096	5693	6129	6740	1852	520	137	28	3	6	44545	678.80	12.49
201103-201508	TEPCO	1237	843	496	611	627	335	302	117	26	1	6	4601	678.80	22.59
	Contractors	12256	9309	5199	5552	6141	1554	225	20	2	2	0	40260	238.42	11.34
	Total	13493	10152	5695	6163	6768	1889	527	137	28	3	6	44861	678.80	12.49
201103-201509	TEPCO	1265	846	496	612	631	333	305	117	26	1	6	4638	678.80	22.47
	Contractors	12327	9402	5262	5554	6201	1605	237	20	2	2	0	40612	238.42	11.40
	Total	13592	10248	5758	6166	6832	1938	542	137	28	3	6	45250	678.80	12.54
201103-201510	TEPCO	1258	859	495	616	632	331	308	117	26	1	6	4649	678.80	22.47
	Contractors	12404	9460	5296	5598	6252	1658	246	20	2	2	0	40938	238.42	11.48
	Total	13662	10319	5791	6214	6884	1989	554	137	28	3	6	45587	678.80	12.60
201103-201511	TEPCO	1255	873	495	619	632	330	311	117	26	1	6	4665	678.80	22.45
	Contractors	12482	9507	5326	5637	6310	1692	259	20	2	2	0	41237	238.42	11.54
	Total	13737	10380	5821	6256	6942	2022	570	137	28	3	6	45902	678.80	12.65
201103-201512	TEPCO	1259	879	496	621	632	329	314	117	26	1	6	4680	678.80	22.43
	Contractors	12567	9544	5369	5660	6357	1721	270	20	2	2	0	41512	238.42	11.59
	Total	13826	10423	5865	6281	6989	2050	584	137	28	3	6	46192	678.80	12.69
201103-201601	TEPCO	1253	892	497	622	632	328	316	117	26	1	6	4690	678.80	22.43
	Contractors	12685	9594	5401	5670	6420	1746	279	20	2	2	0	41819	238.42	11.62
	Total	13938	10486	5898	6292	7052	2074	595	137	28	3	6	46509	678.80	12.71
201103-201602	TEPCO	1252	898	508	618	633	329	318	117	26	1	6	4706	678.80	22.41
	Contractors	12720	9603	5465	5709	6471	1775	293	20	2	2	0	42060	238.42	11.68
	Total	13972	10501	5973	6327	7104	2104	611	137	28	3	6	46766	678.80	12.76
201103-201603	TEPCO	1246	908	507	619	633	328	321	117	26	1	6	4712	678.80	22.43
	Contractors	12759	9618	5437	5796	6515	1801	312	20	2	2	0	42262	238.42	11.76
	Total	14005	10526	5944	6415	7148	2129	633	137	28	3	6	46974	678.80	12.83

Note)

\*The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

\*The record months of the internal exposure dose of workers in the data above can be changed, even if the evaluation values of their internal exposure dose have not changed, when their "inhalation exposure days" (the days when they inhaled radioactive materials) are reviewed. In the case that the record months have been changed, that effect will be described.

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201604-201604	TEPCO	1097	16	0	0	0	0	0	0	0	0	0	1113	1.90	0.16
	Contractors	7852	870	42	0	0	0	0	0	0	0	0	8764	9.78	0.41
	Total	8949	886	42	0	0	0	0	0	0	0	0	9877	9.78	0.38
201604-201605	TEPCO	1139	61	0	0	0	0	0	0	0	0	0	1200	3.20	0.28
	Contractors	7904	1430	126	22	0	0	0	0	0	0	0	9482	19.28	0.67
	Total	9043	1491	126	22	0	0	0	0	0	0	0	10682	19.28	0.63
201604-201606	TEPCO	1164	142	0	0	0	0	0	0	0	0	0	1306	4.90	0.40
	Contractors	7891	2014	328	61	6	0	0	0	0	0	0	10300	32.46	0.97
	Total	9055	2156	328	61	6	0	0	0	0	0	0	11606	32.46	0.91
201604-201607	TEPCO	1254	182	4	0	0	0	0	0	0	0	0	1440	6.22	0.46
	Contractors	7732	2477	465	155	15	0	0	0	0	0	0	10844	33.36	1.26
	Total	8986	2659	469	155	15	0	0	0	0	0	0	12284	33.36	1.16
201604-201608	TEPCO	1249	232	12	0	0	0	0	0	0	0	0	1493	9.19	0.57
	Contractors	7679	2836	572	208	25	0	0	0	0	0	0	11320	35.81	1.41
	Total	8928	3068	584	208	25	0	0	0	0	0	0	12813	35.81	1.31
201604-201609	TEPCO	1272	259	16	0	0	0	0	0	0	0	0	1547	9.51	0.66
	Contractors	7476	3363	662	293	32	0	0	0	0	0	0	11826	36.21	1.61
	Total	8748	3622	678	293	32	0	0	0	0	0	0	13373	36.21	1.50
201604-201610	TEPCO	1256	288	27	2	0	0	0	0	0	0	0	1573	11.20	0.76
	Contractors	7306	3718	808	380	53	0	0	0	0	0	0	12265	36.21	1.85
	Total	8562	4006	835	382	53	0	0	0	0	0	0	13838	36.21	1.73
201604-201611	TEPCO	1252	307	42	4	0	0	0	0	0	0	0	1605	11.21	0.85
	Contractors	7298	3876	963	499	78	0	0	0	0	0	0	12714	38.76	2.10
	Total	8550	4183	1005	503	78	0	0	0	0	0	0	14319	38.76	1.96
201604-201612	TEPCO	1219	342	54	6	0	0	0	0	0	0	0	1621	11.71	0.96
	Contractors	7247	3964	1076	631	93	0	0	0	0	0	0	13011	38.83	2.32
	Total	8466	4306	1130	637	93	0	0	0	0	0	0	14632	38.83	2.17
201604-201701	TEPCO	1194	376	62	11	0	0	0	0	0	0	0	1643	11.91	1.05
	Contractors	7164	4152	1179	770	114	0	0	0	0	0	0	13379	38.83	2.52
	Total	8358	4528	1241	781	114	0	0	0	0	0	0	15022	38.83	2.36
201604-201702	TEPCO	1188	395	74	14	0	0	0	0	0	0	0	1671	12.83	1.15
	Contractors	7033	4397	1288	941	154	0	0	0	0	0	0	13813	38.83	2.78
	Total	8221	4792	1362	955	154	0	0	0	0	0	0	15484	38.83	2.60
201604-201703	TEPCO	1162	404	90	22	0	0	0	0	0	0	0	1678	14.75	1.27
	Contractors	7038	4371	1393	1139	216	0	0	0	0	0	0	14157	38.83	3.09
	Total	8200	4775	1483	1161	216	0	0	0	0	0	0	15835	38.83	2.90
201604-201704	TEPCO	1154	411	102	26	0	0	0	0	0	0	0	1693	15.75	1.36
	Contractors	7162	4402	1436	1224	287	0	0	0	0	0	0	14511	41.81	3.28
	Total	8316	4813	1538	1250	287	0	0	0	0	0	0	16204	41.81	3.08
201604-201705	TEPCO	1138	428	102	34	0	0	0	0	0	0	0	1702	16.35	1.43
	Contractors	7183	4467	1487	1266	354	0	0	0	0	0	0	14757	47.67	3.43
	Total	8321	4895	1589	1300	354	0	0	0	0	0	0	16459	47.67	3.23
201604-201706	TEPCO	1125	440	106	41	0	0	0	0	0	0	0	1712	16.95	1.52
	Contractors	7305	4517	1535	1323	433	1	0	0	0	0	0	15114	50.23	3.60
	Total	8430	4957	1641	1364	433	1	0	0	0	0	0	16826	50.23	3.39
201604-201707	TEPCO	1170	456	109	48	0	0	0	0	0	0	0	1783	17.75	1.53
	Contractors	7374	4540	1582	1364	507	4	0	0	0	0	0	15371	52.19	3.76
	Total	8544	4996	1691	1412	507	4	0	0	0	0	0	17154	52.19	3.53
201604-201708	TEPCO	1175	460	116	53	0	0	0	0	0	0	0	1804	18.55	1.59
	Contractors	7473	4515	1637	1381	565	6	0	0	0	0	0	15577	53.46	3.87
	Total	8648	4975	1753	1434	565	6	0	0	0	0	0	17381	53.46	3.63

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
201604-201709	TEPCO	1208	463	127	54	0	0	0	0	0	0	0	1852	19.21	1.61
	Contractors	7565	4525	1695	1403	612	7	0	0	0	0	0	15807	55.56	3.97
	Total	8773	4988	1822	1457	612	7	0	0	0	0	0	17659	55.56	3.72
201604-201710	TEPCO	1224	466	125	64	1	0	0	0	0	0	0	1880	20.41	1.66
	Contractors	7654	4539	1755	1449	661	8	0	0	0	0	0	16066	57.51	4.08
	Total	8878	5005	1880	1513	662	8	0	0	0	0	0	17946	57.51	3.83
201604-201711	TEPCO	1225	460	129	70	2	0	0	0	0	0	0	1886	22.38	1.72
	Contractors	7761	4511	1771	1516	718	11	0	0	0	0	0	16288	58.94	4.20
	Total	8986	4971	1900	1586	720	11	0	0	0	0	0	18174	58.94	3.94
201604-201712	TEPCO	1212	474	128	77	2	0	0	0	0	0	0	1893	22.88	1.79
	Contractors	7796	4517	1815	1543	771	13	0	0	0	0	0	16455	60.44	4.30
	Total	9008	4991	1943	1620	773	13	0	0	0	0	0	18348	60.44	4.04
201604-201801	TEPCO	1208	477	124	86	4	0	0	0	0	0	0	1899	23.35	1.85
	Contractors	7839	4508	1869	1581	823	13	0	0	0	0	0	16633	61.95	4.40
	Total	9047	4985	1993	1667	827	13	0	0	0	0	0	18532	61.95	4.14
201604-201802	TEPCO	1185	496	126	92	7	0	0	0	0	0	0	1906	23.65	1.95
	Contractors	7868	4492	1893	1658	879	16	0	0	0	0	0	16806	63.63	4.54
	Total	9053	4988	2019	1750	886	16	0	0	0	0	0	18712	63.63	4.28
201604-201803	TEPCO	1180	491	142	95	8	0	0	0	0	0	0	1916	24.05	2.03
	Contractors	7944	4446	1924	1747	928	23	0	0	0	0	0	17012	68.50	4.68
	Total	9124	4937	2066	1842	936	23	0	0	0	0	0	18928	68.50	4.41
201604-201804	TEPCO	1183	494	145	98	8	0	0	0	0	0	0	1928	24.55	2.07
	Contractors	8038	4445	1941	1760	970	31	0	0	0	0	0	17185	70.76	4.75
	Total	9221	4939	2086	1858	978	31	0	0	0	0	0	19113	70.76	4.48
201604-201805	TEPCO	1185	496	146	101	9	0	0	0	0	0	0	1937	24.96	2.12
	Contractors	8096	4456	1957	1769	1012	35	0	0	0	0	0	17325	71.80	4.82
	Total	9281	4952	2103	1870	1021	35	0	0	0	0	0	19262	71.80	4.55
201604-201806	TEPCO	1183	499	147	106	10	0	0	0	0	0	0	1945	25.98	2.18
	Contractors	8139	4443	1980	1784	1052	38	0	0	0	0	0	17436	74.08	4.90
	Total	9322	4942	2127	1890	1062	38	0	0	0	0	0	19381	74.08	4.63
201604-201807	TEPCO	1211	502	147	110	11	0	0	0	0	0	0	1981	26.71	2.20
	Contractors	8214	4442	2008	1784	1104	39	1	0	0	0	0	17592	75.27	4.98
	Total	9425	4944	2155	1894	1115	39	1	0	0	0	0	19573	75.27	4.70
201604-201808	TEPCO	1263	507	148	113	14	0	0	0	0	0	0	2045	27.48	2.19
	Contractors	8252	4448	2022	1810	1136	44	1	0	0	0	0	17713	75.50	5.04
	Total	9515	4955	2170	1923	1150	44	1	0	0	0	0	19758	75.50	4.75
201604-201809	TEPCO	1273	503	156	117	14	0	0	0	0	0	0	2063	28.48	2.23
	Contractors	8287	4453	2043	1844	1166	48	1	0	0	0	0	17842	75.50	5.11
	Total	9560	4956	2199	1961	1180	48	1	0	0	0	0	19905	75.50	4.81
201604-201810	TEPCO	1266	508	159	117	20	0	0	0	0	0	0	2070	30.68	2.29
	Contractors	8349	4464	2076	1869	1198	53	1	0	0	0	0	18010	75.50	5.18
	Total	9615	4972	2235	1986	1218	53	1	0	0	0	0	20080	75.50	4.88
201604-201811	TEPCO	1252	519	164	119	22	0	0	0	0	0	0	2076	31.48	2.34
	Contractors	8415	4444	2113	1897	1239	59	1	0	0	0	0	18168	75.50	5.27
	Total	9667	4963	2277	2016	1261	59	1	0	0	0	0	20244	75.50	4.97
201604-201812	TEPCO	1253	521	171	118	26	0	0	0	0	0	0	2089	32.48	2.38
	Contractors	8443	4448	2144	1931	1273	64	4	0	0	0	0	18307	75.68	5.37
	Total	9696	4969	2315	2049	1299	64	4	0	0	0	0	20396	75.68	5.06
201604-201901	TEPCO	1251	527	174	118	29	0	0	0	0	0	0	2099	34.11	2.42
	Contractors	8467	4428	2164	1977	1310	65	5	0	0	0	0	18416	77.27	5.46
	Total	9718	4955	2338	2095	1339	65	5	0	0	0	0	20515	77.27	5.15
201604-201902	TEPCO	1247	530	172	124	33	0	0	0	0	0	0	2106	34.21	2.48
	Contractors	8491	4443	2157	2041	1348	70	6	0	0	0	0	18556	79.90	5.57
	Total	9738	4973	2329	2165	1381	70	6	0	0	0	0	20662	79.90	5.25
201604-201903	TEPCO	1238	534	172	129	35	0	0	0	0	0	0	2108	35.21	2.55
	Contractors	8513	4445	2185	2068	1377	81	6	0	0	0	0	18675	79.90	5.66

Year and month	TEPCO/ Contractors	1 or less (mSv)	1-5 (mSv)	5-10 (mSv)	10-20 (mSv)	20-50 (mSv)	50-75 (mSv)	75-100 (mSv)	100-150 (mSv)	150-200 (mSv)	200-250 (mSv)	Above 250 (mSv)	Number of workers	Maimum (mSv)	Average (mSv)
	Total	9751	4979	2357	2197	1412	81	6	0	0	0	0	20783	79.90	5.34
201604-201904	TEPCO	1253	538	170	132	36	0	0	0	0	0	0	2129	35.81	2.59
	Contractors	8568	4447	2193	2070	1413	91	6	0	0	0	0	18788	79.90	5.71
	Total	9821	4985	2363	2202	1449	91	6	0	0	0	0	20917	79.90	5.40
201604-201905	TEPCO	1249	543	171	134	38	0	0	0	0	0	0	2135	36.51	2.64
	Contractors	8654	4457	2198	2074	1451	100	6	0	0	0	0	18940	79.90	5.76
	Total	9903	5000	2369	2208	1489	100	6	0	0	0	0	21075	79.90	5.45
201604-201906	TEPCO	1286	549	171	138	39	0	0	0	0	0	0	2183	36.91	2.64
	Contractors	8708	4478	2209	2093	1479	105	6	0	0	0	0	19078	79.90	5.82
	Total	9994	5027	2380	2231	1518	105	6	0	0	0	0	21261	79.90	5.50
201604-201907	TEPCO	1307	560	171	138	41	0	0	0	0	0	0	2217	38.14	2.66
	Contractors	8801	4485	2224	2106	1509	112	7	0	0	0	0	19244	79.90	5.88
	Total	10108	5045	2395	2244	1550	112	7	0	0	0	0	21461	79.90	5.54
201604-201908	TEPCO	1325	558	176	135	45	0	0	0	0	0	0	2239	39.17	2.68
	Contractors	8855	4496	2231	2129	1517	128	9	0	0	0	0	19365	79.90	5.92
	Total	10180	5054	2407	2264	1562	128	9	0	0	0	0	21604	79.90	5.59
201604-201909	TEPCO	1326	558	175	137	48	0	0	0	0	0	0	2244	41.10	2.72
	Contractors	8921	4535	2242	2140	1546	140	9	0	0	0	0	19533	79.90	5.97
	Total	10247	5093	2417	2277	1594	140	9	0	0	0	0	21777	79.90	5.64

Note)

\*The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

\*Aggregation periods are set based on the data management periods: from March 11, 2011 to March 31, 2016 and from April 1, 2016 to March 31, 2021.

(Aggregation period: March 11, 2011 - September 30, 2019)

**Table 15. Cumulative Data of Equivalent Dose to the Skin by Fiscal Year**

FY2011

Dose ranges (mSv)	March 2011-March 2012		
	TEPCO's employees	Contractors	Total
Above 1000	0	0	0
500-1000	0	2	2
300-500	0	0	0
250-300	0	1	1
200-250	0	2	2
150-200	7	5	12
100-150	61	14	75
75-100	114	34	148
50-75	229	237	466
20-50	671	2584	3255
10-20	555	2807	3362
5-10	424	2508	2932
1-5	598	4695	5293
1 or less	756	4831	5587
<b>Total</b>	<b>3415</b>	<b>17720</b>	<b>21135</b>
<b>Maximum (mSv)</b>	<b>188.14</b>	<b>665.42</b>	<b>665.42</b>
<b>Average (mSv)</b>	<b>19.35</b>	<b>9.70</b>	<b>11.25</b>

•Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the skin is 500mSv/year (the emergency exposure dose limit is 1Sv).

•Two contractors shown in the "500-1000"cell of the dose range above were exposed to radiation during the period when the dose limit for radiation workers engaged in emergency work was set at 1Sv.

FY2012

Dose ranges (mSv)	April 2012-March 2013		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	1	1
150-200	0	0	0
100-150	0	1	1
75-100	0	2	2
50-75	2	78	80
20-50	73	1064	1137
10-20	138	1939	2077
5-10	255	1711	1966
1-5	571	3124	3695
1 or less	587	4195	4782
<b>Total</b>	<b>1626</b>	<b>12115</b>	<b>13741</b>
<b>Maximum (mSv)</b>	<b>56.46</b>	<b>221.20</b>	<b>221.20</b>
<b>Average (mSv)</b>	<b>4.80</b>	<b>7.09</b>	<b>6.82</b>

## FY2013

Dose ranges (mSv)	April 2013-March 2014		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	1	1
100-150	0	4	4
75-100	1	15	16
50-75	8	117	125
20-50	62	1468	1530
10-20	118	1840	1958
5-10	213	1654	1867
1-5	636	3396	4032
1 or less	654	4559	5213
Total	1692	13054	14746
Max. (mSv)	81.10	193.30	193.30
Average (mSv)	4.36	7.79	7.39

## FY2014

Dose ranges (mSv)	April 2014-March 2015		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	1	1
100-150	0	1	1
75-100	1	4	5
50-75	1	120	121
20-50	20	1824	1844
10-20	81	2498	2579
5-10	172	2402	2574
1-5	602	4968	5570
1 or less	811	7224	8035
Total	1688	19042	20730
Maximum (mSv)	80.60	162.04	162.04
Average (mSv)	2.74	6.86	6.53

## FY2015

Dose ranges (mSv)	April 2015-March 2016		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	6	6
75-100	0	25	25
50-75	0	117	117
20-50	17	1466	1483
10-20	54	1928	1982
5-10	124	2047	2171
1-5	525	4509	5034
1 or less	977	6401	7378
Total	1697	16499	18196
Maximum (mSv)	38.00	145.81	145.81
Average (mSv)	2.13	6.54	6.12

## FY2016

Dose ranges (mSv)	April 2016-March 2017		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	7	7
75-100	0	12	12
50-75	0	50	50
20-50	2	733	735
10-20	32	1308	1340
5-10	94	1384	1478
1-5	402	3913	4315
1 or less	1148	6750	7898
Total	1678	14157	15835
Maximum (mSv)	21.60	138.30	138.30
Average (mSv)	1.39	4.63	4.29

## FY2017

Dose ranges (mSv)	April 2017-March 2018		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	1	1
75-100	0	7	7
50-75	0	58	58
20-50	4	495	499
10-20	26	1208	1234
5-10	96	1091	1187
1-5	295	3249	3544
1 or less	1109	6304	7413
Total	1530	12413	13943
Maximum (mSv)	37.49	105.10	105.10
Average (mSv)	1.33	4.27	3.95



FY2018

Dose ranges (mSv)	April 2018-March 2019		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	301	301
10-20	23	964	987
5-10	76	926	1002
1-5	246	2682	2928
1 or less	1098	4990	6088
Total	1443	9863	11306
Maximum (mSv)	16.31	46.70	46.70
Average (mSv)	1.11	3.61	3.29

FY2019

Dose ranges (mSv)	April 2019-September 2019		
	TEPCO's employees	Contractors	Total
Above 500	0	0	0
300-500	0	0	0
250-300	0	0	0
200-250	0	0	0
150-200	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	26	26
10-20	2	244	246
5-10	18	616	634
1-5	193	1796	1989
1 or less	1089	4811	5900
Total	1302	7493	8795
Maximum (mSv)	13.46	26.05	26.05
Average (mSv)	0.57	1.80	1.62

•The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

•Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the skin is 500mSv/year (the emergency exposure dose limit is 1Sv).

•Equivalent dose to the skin is measured at a depth of 70 micrometers from the skin surface. When the equivalent dose is measured with a dosimeter other than the one put on around the chest and the abdomen, for example, a finger dosimeter, the maximum measurement value is counted as the equivalent dose.

(Aggregation period: March 11, 2011 - September 30, 2019)

**Table 16. Cumulative Data of Equivalent Dose to the Lens of the Eye by Fiscal Year**

FY2011

Dose ranges (mSv)	March 2011-March 2012		
	TEPCO's employees	Contractors	Total
Above 200	0	0	0
150-200	7	3	10
100-150	59	8	67
75-100	108	29	137
50-75	233	236	469
20-50	671	2492	3163
10-20	555	2820	3375
5-10	427	2568	2995
1-5	599	4720	5319
1 or less	756	4844	5600
Total	3415	17720	21135
Maximum (mSv)	188.14	199.42	199.42
Average (mSv)	19.21	9.34	10.93

• Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the lens of the eyes is 150mSv/year (the emergency exposure dose limit is 300mSv).

• Seven TEPCO's employees and three contractors shown in the "150-200" cell of the dose range above were exposed to radiation during the period when the dose limit for radiation workers engaged in emergency work was set at 300mSv.

FY2012

Dose ranges (mSv)	April 2012-March 2013		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	1	54	55
20-50	65	733	798
10-20	133	1970	2103
5-10	259	1843	2102
1-5	580	3295	3875
1 or less	588	4220	4808
Total	1626	12115	13741
Maximum (mSv)	55.60	67.30	67.30
Average (mSv)	4.55	6.31	6.10

FY2013

Dose ranges (mSv)	April 2013-March 2014		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	1	1
75-100	0	1	1
50-75	2	34	36
20-50	52	835	887
10-20	100	2050	2150
5-10	210	1829	2039
1-5	644	3620	4264
1 or less	684	4684	5368
Total	1692	13054	14746
Maximum (mSv)	68.30	106.88	106.88
Average (mSv)	3.78	6.10	5.83

## FY2014

Dose ranges (mSv)	April 2014-March 2015		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	1	70	71
20-50	12	1232	1244
10-20	68	2605	2673
5-10	159	2640	2799
5-1	630	5183	5813
1 or less	818	7312	8130
Total	1688	19042	20730
Maximum (mSv)	56.50	62.91	62.91
Average (mSv)	2.42	5.97	5.68

## FY2015

Dose ranges (mSv)	April 2015-March 2016		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	6	6
50-75	0	44	44
20-50	8	879	887
10-20	52	2079	2131
5-10	114	2180	2294
5-1	529	4788	5317
1 or less	994	6523	7517
Total	1697	16499	18196
Maximum (mSv)	24.43	87.90	87.90
Average (mSv)	1.92	5.31	4.99

## FY2016

Dose ranges (mSv)	April 2016-March 2017		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	1	1
50-75	0	20	20
20-50	0	380	380
10-20	25	1302	1327
5-10	92	1477	1569
5-1	406	4080	4486
1 or less	1155	6897	8052
Total	1678	14157	15835
Maximum (mSv)	16.30	75.30	75.30
Average (mSv)	1.30	3.71	3.45

## FY2017

Dose ranges (mSv)	April 2017-March 2018		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	6	6
50-75	0	42	42
20-50	0	267	267
10-20	22	1233	1255
5-10	87	1138	1225
5-1	303	3317	3620
1 or less	1118	6410	7528
Total	1530	12413	13943
Maximum (mSv)	19.80	86.20	86.20
Average (mSv)	1.19	3.77	3.48

## FY2018

( Including inside of full-face mask )

Dose ranges (mSv)	April 2018-March 2019		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	49	49
10-20	23	886	909
5-10	70	951	1021
5-1	251	2840	3091
1 or less	1099	5137	6236
Total	1443	9863	11306
Maximum (mSv)	16.23	26.93	26.93
Average (mSv)	1.07	2.90	2.66

## FY2019

( Including inside of full-face mask )

Dose ranges (mSv)	April 2019-September 2019		
	TEPCO's employees	Contractors	Total
Above 150	0	0	0
100-150	0	0	0
75-100	0	0	0
50-75	0	0	0
20-50	0	12	12
10-20	2	168	170
5-10	18	577	595
5-1	192	1823	2015
1 or less	1090	4913	6003
Total	1302	7493	8795
Maximum (mSv)	13.26	25.70	25.70
Average (mSv)	0.57	1.58	1.43

Note)

•The values of the exposure dose and the number of the workers in the table above are subject to change, because there are cases that APD data are replaced with monthly dose data measured by integral dosimeters. Or the dose data of workers who wore only an integral dosimeter (ex., workers who entered only the Seismic Isolation Building) need to be updated in the table after the publication of the data.

•Equivalent dose is a measure of the radiation dose to organs and tissues, and the equivalent dose limit to the lens of the eyes is 150mSv/year (the emergency exposure dose limit is 300mSv).

•From FY2018, our own equivalent dose limit to the lens of the eyes has been used and the equivalent dose is measured with one of the following method:

①The case of using dosimeter put inside full-face mask

②The case of using dosimeter put around the chest, the abdomen or the head and neck (excluding the case of ①)