

**Exposure Dose Distribution of the Workers at Fukushima Daiichi
Nuclear Power Plant**

(Updated on 30 September 2020)

1 Radiation Exposure Dose Distributions

(1) The distribution of external exposure dose of the workers during the last 3 months

(Numbers of workers who entered each area every month)

Effective dose (E) mSv	June 2020			July 2020			August 2020		
	TEPCO	Contractors	Total	TEPCO	Contractors	Total	TEPCO	Contractors	Total
100<E	0	0	0	0	0	0	0	0	0
75<E≤100	0	0	0	0	0	0	0	0	0
50<E≤75	0	0	0	0	0	0	0	0	0
20<E≤50	0	0	0	0	0	0	0	0	0
10<E≤20	0	0	0	0	0	0	0	0	0
5<E≤10	0	52	52	0	51	51	0	2	2
1<E≤5	18	692	710	15	661	676	5	409	414
E≤1	929	4920	5849	997	4967	5964	917	4965	5882
Total	947	5664	6611	1012	5679	6691	922	5376	6298
Maximum (mSv)	3.00	9.30	9.30	2.90	8.42	8.42	1.44	5.71	5.71
Average (mSv)	0.13	0.46	0.41	0.10	0.42	0.38	0.08	0.25	0.22

(*) Exposure doses and the number of workers are subject to change due to the replacement of accumulated doses measured using PAD with monthly doses measured using an integrating dosimeter and the reflection of values for workers wearing only an integrating dosimeter (e.g., workers working only within a seismically isolated building).

(2) Combined Cumulative Effective Dose from April 2016 (Internal and External)

Effective dose (E) mSv	April 2016 - July 2020			April 2016 - August 2020			Difference		
	TEPCO	Contractors	Total	TEPCO	Contractors	Total	TEPCO	Contractors	Total
100<E	0	0	0	0	0	0	0	0	0
75<E≤100	0	25	25	0	26	26	0	1	1
50<E≤75	0	271	271	0	279	279	0	8	8
20<E≤50	74	1861	1935	75	1889	1964	1	28	29
10<E≤20	144	2335	2479	147	2339	2486	3	4	7
5<E≤10	191	2461	2652	190	2453	2643	-1	-8	-9
1<E≤5	594	4599	5193	594	4600	5194	0	1	1
E≤1	1350	9770	11120	1354	9831	11185	4	61	65
Total	2353	21322	23675	2360	21417	23777	7	95	102
Maximum (mSv)	48.84	85.60	85.60	49.05	86.19	86.19	-	-	-
Average (mSv)	3.03	6.59	6.24	3.05	6.63	6.27	-	-	-

(*) Exposure doses and the number of workers are subject to change due to the replacement of accumulated doses measured using PAD with monthly doses measured using an integrating dosimeter and the reflection of values for

workers wearing only an integrating dosimeter (e.g., workers working only within a seismically isolated building).

(3) Combined Cumulative Effective Dose from April 2020 (Internal and External)

Effective dose (E) mSv	April 2020 - July 2020			April 2020 - August 2020			Difference		
	TEPCO	Contractors	Total	TEPCO	Contractors	Total	TEPCO	Contractors	Total
100<E	0	0	0	0	0	0	0	0	0
75<E≤100	0	0	0	0	0	0	0	0	0
50<E≤75	0	0	0	0	0	0	0	0	0
20<E≤50	0	0	0	0	0	0	0	0	0
10<E≤20	0	98	98	0	157	157	0	59	59
5<E≤10	5	521	526	7	585	592	2	64	66
1<E≤5	116	1229	1345	145	1343	1488	29	114	143
E≤1	990	4954	5944	995	4888	5883	5	-66	-61
Total	1111	6802	7913	1147	6973	8120	36	171	207
Maximum (mSv)	6.78	17.30	17.30	7.28	17.30	17.30	-	-	-
Average (mSv)	0.34	1.33	1.19	0.39	1.49	1.34	-	-	-

(*) Exposure doses and the number of workers are subject to change due to the replacement of accumulated doses measured using PAD with monthly doses measured using an integrating dosimeter and the reflection of values for workers wearing only an integrating dosimeter (e.g., workers working only within a seismically isolated building).

(4) Distribution of sum of external exposure dose and internal exposure dose of workers engaged in specified high-dose work

(Specified high-dose work has not been performed since October 2015.)

Effective dose (E) mSv	March 2011 - September 2015
100<E	1
75<E≤100	191
50<E≤75	233
20<E≤50	267
10<E≤20	186
5<E≤10	129
1<E≤5	145
E≤1	51
Total	1203
Maximum (mSv)	102.69
Average (mSv)	36.49

(As specified high-dose work has not been performed since October 2015, the table shows the data up to September 2015.)

(*) Workers engaged in work to which dose limit (100 mSv) during emergency work is applied in line with Article 7 of the Ordinance on Prevention of Ionizing Radiation Hazards. Specifically, these workers are those who are engaged in work to maintain the functions of a nuclear reactor facility or spent fuel storage pool, or in work to maintain functions to suppress or prevent the possible release of a large amount of radioactive materials due to a failure of or damage to the nuclear reactor facility at a location around the nuclear reactor facility, steam turbine, or accessory facility where hourly dose may exceed

0.1 mSv.

It should be noted that only TEPCO employees have so far been engaged in specified high-dose work.

- (*) The number of workers engaged in specified high-dose work is that of workers who were registered as such at least once during the period between March 2011 and September 2015.
- (*) Exposure doses and the number of workers are subject to change due to the replacement of accumulated doses measured using PAD with monthly doses measured using an integrating dosimeter and the reflection of values for workers wearing only an integrating dosimeter (e.g., workers working only within a seismically isolated building).
- (*) The results of re-evaluating committed doses in March 2011 reveal that maximum cumulative effective doses for the period between March 2011 and September 2015 exceeded 100.