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

(Updated on 30 Jul 2025)

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)	April-2025			May-2025			June-2025		
mSv	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	18	18	0	24	24	0	9	9
1<E≤5	13	517	530	5	398	403	2	395	397
E≤1	997	5978	6975	988	6155	7143	1041	6373	7414
Total	1010	6513	7523	993	6577	7570	1043	6777	7820
Maximum (mSv)	1.70	9.90	9.90	2.60	7.40	7.40	1.16	7.51	7.51
Average (mSv)	0.06	0.28	0.25	0.05	0.24	0.22	0.05	0.21	0.19

(*) 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 2021 (Internal and External)

Effective dose (E)	April 2021 - May 2025			April 2021 - June 2025			Difference		
mSv	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	134	134	0	144	144	0	10	10
20<E≤50	38	1396	1434	38	1436	1474	0	40	40
10<E≤20	74	2010	2084	77	1991	2068	3	-19	-16
5<E≤10	139	1772	1911	139	1797	1936	0	25	25
1<E≤5	388	2939	3327	389	2936	3325	1	-3	-2
E≤1	1292	9225	10517	1367	9343	10710	75	118	193
Total	1931	17476	19407	2010	17647	19657	79	171	250
Maximum (mSv)	36.92	70.06	70.06	37.26	72.37	72.37	-	-	-
Average (mSv)	2.16	5.72	5.37	2.11	5.75	5.38	-	-	-

(*) 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 2025

Effective dose (E) mSv	April 2025 - May 2025			April 2025 - June 2025			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	6	6	0	19	19	0	13	13
5<E≤10	0	99	99	0	190	190	0	91	91
1<E≤5	20	819	839	44	1042	1086	24	223	247
E≤1	1094	6248	7342	1189	6437	7626	95	189	284
Total	1114	7172	8286	1233	7688	8921	119	516	635
Maximum (mSv)	3.80	11.70	11.70	3.88	12.68	12.68	-	-	-
Average (mSv)	0.10	0.48	0.43	0.14	0.63	0.56	-	-	-

(*) 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

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 Article7 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.