

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

(Updated on 28 Mar 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) mSv	December-2024			January-2025			February-2025		
	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	5	5
5<E≤10	0	58	58	0	34	34	0	95	95
1<E≤5	19	412	431	13	481	494	12	638	650
E≤1	997	6489	7486	985	6391	7376	976	6305	7281
Total	1016	6959	7975	998	6906	7904	988	7043	8031
Maximum (mSv)	2.20	9.30	9.30	4.50	10.00	10.00	3.22	11.83	11.83
Average (mSv)	0.08	0.28	0.25	0.08	0.28	0.25	0.07	0.39	0.35

(\*) 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) mSv	April 2021 - January 2025			April 2021 - February 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	102	102	0	109	109	0	7	7
20<E≤50	31	1257	1288	33	1301	1334	2	44	46
10<E≤20	69	1910	1979	71	1950	2021	2	40	42
5<E≤10	136	1721	1857	136	1770	1906	0	49	49
1<E≤5	383	2909	3292	389	2918	3307	6	9	15
E≤1	1292	8881	10173	1292	8930	10222	0	49	49
Total	1911	16780	18691	1921	16978	18899	10	198	208
Maximum (mSv)	34.62	65.32	65.32	34.85	66.34	66.34	-	-	-
Average (mSv)	2.05	5.45	5.10	2.08	5.55	5.20	-	-	-

(\*) 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 2024

Effective dose (E) mSv	April 2024 - January 2025			April 2024 - February 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	2	508	510	4	653	657	2	145	147
5<E≤10	35	868	903	35	1002	1037	0	134	134
1<E≤5	159	1921	2080	172	2008	2180	13	87	100
E≤1	1188	6722	7910	1185	6635	7820	-3	-87	-90
Total	1384	10019	11403	1396	10298	11694	12	279	291
Maximum (mSv)	11.00	16.50	16.50	11.23	16.52	16.52	-	-	-
Average (mSv)	0.57	1.86	1.70	0.61	2.08	1.90	-	-	-

(\*) 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.