

Distribution of thyroid equivalent doses
(Workers engaged in emergency operations during March-December 2011)

Dose ranges (mSv)	TEPCO	Contractors
Above 15,000	0	0
10,000-15,000	2	0
2,000-10,000	15	0
1,000-2,000	44	13
500-1,000	129	67
200-500	286	305
100-200	416	480
100 or less	2391	15413
Total	3283	16278

- Distribution of thyroid equivalent doses of workers engaged in emergency operations during March to December 2011.

- Thyroid equivalent doses are calculated using the following formula.

Thyroid equivalent dose = Internal exposure dose by I-131 x Internal exposure dose by 20+Cs-134 + Internal exposure dose by Cs-137 + External exposure dose

(If no data is available for internal exposure dose by nuclide, the following formula is used.

Thyroid equivalent dose = Internal exposure dose x 20 + External exposure dose)

Table 11(2)

Distribution of thyroid equivalent doses [Internal exposure dose]
 (Workers engaged in emergency operations during March-December 2011)

Dose ranges (mSv)	TEPCO	Contractors
Above 15,000	0	0
10,000-15,000	2	0
2,000-10,000	13	0
1,000-2,000	39	13
500-1,000	109	64
200-500	233	260
100-200	338	383
100 or less	2549	15558
Total	3283	16278

- Distribution of thyroid equivalent doses of workers engaged in emergency operations during March to December 2011 (internal exposure doses).

- Thyroid equivalent doses (internal exposure doses) are calculated using the following formula.

Thyroid equivalent dose (internal exposure dose) = Internal exposure dose by I-131 x

Internal exposure dose by 20+Cs-134 + Internal exposure dose by Cs-13

(If no data is available for internal exposure dose by nuclide, the following formula is used.

Thyroid equivalent dose (internal exposure dose) = Internal exposure dose x 20)

Table 11(3)

Distribution of thyroid equivalent doses [External exposure dose]
 (Workers engaged in emergency operations during March-December 2011)

Dose ranges (mSv)	TEPCO	Contractors
Above 15,000	0	0
10,000-15,000	0	0
2,000-10,000	0	0
1,000-2,000	0	0
500-1,000	0	0
200-500	0	0
100-200	64	11
100 or less	3219	16267
Total	3283	16278

Thyroid equivalent doses (external exposure doses) are evaluated as equal to external exposure doses.