

**Table 5.7
Career External Dose (DDE) Distribution By Dose and Career Length At Reactor Facilities
Career Ending 2011**

Career Length	Number of Persons in Dose Range (rems)															Grand Total
	No Meas.	.001 - .1	.1 - .5	.5 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50	>=50	
<=30 days	2,920	473	113	10	1	-	-	-	-	-	-	-	-	-	-	3,517
31 days - 6 mos	1,912	776	256	23	-	-	-	-	-	-	-	-	-	-	-	2,967
6 mos - 1 yr	1,530	878	294	33	4	-	-	-	-	-	-	-	-	-	-	2,739
1 - 2 yrs	938	571	391	65	19	5	-	-	-	-	-	-	-	-	-	1,989
2 - 3 yrs	479	380	327	69	30	5	-	-	-	-	-	-	-	-	-	1,290
3 - 4 yrs	239	234	179	57	35	9	3	-	3	-	-	-	-	-	-	759
4 - 5 yrs	215	194	197	78	36	10	2	-	1	-	-	-	-	-	-	733
5 - 10 yrs	502	493	538	219	150	62	19	16	13	1	-	-	-	-	-	2,013
10 - 15 yrs	152	227	247	129	133	59	29	26	16	3	1	1	-	-	-	1,023
15 - 20 yrs	119	180	200	138	103	62	39	26	48	10	2	-	-	-	-	927
20 - 25 yrs	121	221	182	105	131	94	51	42	95	29	14	3	2	4	-	1,094
25 - 30 yrs	91	292	254	145	164	97	72	67	152	75	22	15	5	8	-	1,459
30 - 35 yrs	21	107	156	78	126	73	48	40	137	79	39	21	11	18	-	954
>= 35 yrs	11	26	52	25	47	35	20	20	50	31	11	12	8	11	5	364
Grand Total	9,250	5,052	3,386	1,174	979	511	283	237	515	228	89	52	26	41	5	21,828

11.72 yrs Average Career Length for Individuals with Measurable Career Exposure
 1.45 rem Average Career Dose for Individuals with Measurable Dose

Scroll to the right for
 source data



15.04 yrs Average Career Length for Individuals with Measurable Career Exposure and Careers Lengths of at Least One Year
 1.85 rem Average Career Dose for Individuals with Measurable Dose with Career Length of at Least One Year

Only individuals that ended monitoring in 2011 are included in this analysis.

For career length and dose bins, values that are equal to the maximum end of the range are assigned to the next higher bin (i.e., a dose of 0.1 would be assigned to the 0.1-0.5 dose bin).

2011					
DoseRange	CareerLen	NumPersons	DoseRange	CareerLen	NumPersons
1	1	2920	No Meas.	<=30 days	2,920
1	2	1912	No Meas.	31 days - 6 mos	1,912
1	3	1530	No Meas.	6 mos - 1 yr	1,530
1	4	938	No Meas.	1 - 2 yrs	938
1	5	479	No Meas.	2 - 3 yrs	479
1	6	239	No Meas.	3 - 4 yrs	239
1	7	215	No Meas.	4 - 5 yrs	215
1	8	502	No Meas.	5 - 10 yrs	502
1	9	152	No Meas.	10 - 15 yrs	152
1	10	119	No Meas.	15 - 20 yrs	119
1	11	121	No Meas.	20 - 25 yrs	121
1	12	91	No Meas.	25 - 30 yrs	91
1	13	21	No Meas.	30 - 35 yrs	21
1	14	11	No Meas.	> 35 yrs	11
2	1	473	.001 - .1	<=30 days	473
2	2	776	.001 - .1	31 days - 6 mos	776
2	3	878	.001 - .1	6 mos - 1 yr	878
2	4	571	.001 - .1	1 - 2 yrs	571
2	5	380	.001 - .1	2 - 3 yrs	380
2	6	234	.001 - .1	3 - 4 yrs	234
2	7	194	.001 - .1	4 - 5 yrs	194
2	8	493	.001 - .1	5 - 10 yrs	493
2	9	227	.001 - .1	10 - 15 yrs	227
2	10	180	.001 - .1	15 - 20 yrs	180
2	11	221	.001 - .1	20 - 25 yrs	221
2	12	292	.001 - .1	25 - 30 yrs	292
2	13	107	.001 - .1	30 - 35 yrs	107
2	14	26	.001 - .1	> 35 yrs	26
3	1	113	.1 - .5	<=30 days	113
3	2	256	.1 - .5	31 days - 6 mos	256
3	3	294	.1 - .5	6 mos - 1 yr	294
3	4	391	.1 - .5	1 - 2 yrs	391
3	5	327	.1 - .5	2 - 3 yrs	327
3	6	179	.1 - .5	3 - 4 yrs	179
3	7	197	.1 - .5	4 - 5 yrs	197
3	8	538	.1 - .5	5 - 10 yrs	538
3	9	247	.1 - .5	10 - 15 yrs	247
3	10	200	.1 - .5	15 - 20 yrs	200
3	11	182	.1 - .5	20 - 25 yrs	182
3	12	254	.1 - .5	25 - 30 yrs	254
3	13	156	.1 - .5	30 - 35 yrs	156
3	14	52	.1 - .5	> 35 yrs	52

4	1	10
4	2	23
4	3	33
4	4	65
4	5	69
4	6	57
4	7	78
4	8	219
4	9	129
4	10	138
4	11	105
4	12	145
4	13	78
4	14	25
5	1	1
5	2	
5	3	4
5	4	19
5	5	30
5	6	35
5	7	36
5	8	150
5	9	133
5	10	103
5	11	131
5	12	164
5	13	126
5	14	47
6	1	
6	2	
6	3	
6	4	5
6	5	5
6	6	9
6	7	10
6	8	62
6	9	59
6	10	62
6	11	94
6	12	97
6	13	73
6	14	35
7	1	
7	2	
7	3	

.5 - 1	<=30 days	10
.5 - 1	31 days - 6 mos	23
.5 - 1	6 mos - 1 yr	33
.5 - 1	1 - 2 yrs	65
.5 - 1	2 - 3 yrs	69
.5 - 1	3 - 4 yrs	57
.5 - 1	4 - 5 yrs	78
.5 - 1	5 - 10 yrs	219
.5 - 1	10 - 15 yrs	129
.5 - 1	15 - 20 yrs	138
.5 - 1	20 - 25 yrs	105
.5 - 1	25 - 30 yrs	145
.5 - 1	30 - 35 yrs	78
.5 - 1	> 35 yrs	25
1 - 2	<=30 days	1
1 - 2	31 days - 6 mos	-
1 - 2	6 mos - 1 yr	4
1 - 2	1 - 2 yrs	19
1 - 2	2 - 3 yrs	30
1 - 2	3 - 4 yrs	35
1 - 2	4 - 5 yrs	36
1 - 2	5 - 10 yrs	150
1 - 2	10 - 15 yrs	133
1 - 2	15 - 20 yrs	103
1 - 2	20 - 25 yrs	131
1 - 2	25 - 30 yrs	164
1 - 2	30 - 35 yrs	126
1 - 2	> 35 yrs	47
2 - 3	<=30 days	-
2 - 3	31 days - 6 mos	-
2 - 3	6 mos - 1 yr	-
2 - 3	1 - 2 yrs	5
2 - 3	2 - 3 yrs	5
2 - 3	3 - 4 yrs	9
2 - 3	4 - 5 yrs	10
2 - 3	5 - 10 yrs	62
2 - 3	10 - 15 yrs	59
2 - 3	15 - 20 yrs	62
2 - 3	20 - 25 yrs	94
2 - 3	25 - 30 yrs	97
2 - 3	30 - 35 yrs	73
2 - 3	> 35 yrs	35
3 - 4	<=30 days	-
3 - 4	31 days - 6 mos	-
3 - 4	6 mos - 1 yr	-

7	4	
7	5	
7	6	3
7	7	2
7	8	19
7	9	29
7	10	39
7	11	51
7	12	72
7	13	48
7	14	20
8	1	
8	2	
8	3	
8	4	
8	5	
8	6	
8	7	
8	8	16
8	9	26
8	10	26
8	11	42
8	12	67
8	13	40
8	14	20
9	1	
9	2	
9	3	
9	4	
9	5	
9	6	3
9	7	1
9	8	13
9	9	16
9	10	48
9	11	95
9	12	152
9	13	137
9	14	50
10	1	
10	2	
10	3	
10	4	
10	5	
10	6	

3 - 4	1 - 2 yrs	-
3 - 4	2 - 3 yrs	-
3 - 4	3 - 4 yrs	3
3 - 4	4 - 5 yrs	2
3 - 4	5 - 10 yrs	19
3 - 4	10 - 15 yrs	29
3 - 4	15 - 20 yrs	39
3 - 4	20 - 25 yrs	51
3 - 4	25 - 30 yrs	72
3 - 4	30 - 35 yrs	48
3 - 4	> 35 yrs	20
4 - 5	<=30 days	-
4 - 5	31 days - 6 mos	-
4 - 5	6 mos - 1 yr	-
4 - 5	1 - 2 yrs	-
4 - 5	2 - 3 yrs	-
4 - 5	3 - 4 yrs	-
4 - 5	4 - 5 yrs	-
4 - 5	5 - 10 yrs	16
4 - 5	10 - 15 yrs	26
4 - 5	15 - 20 yrs	26
4 - 5	20 - 25 yrs	42
4 - 5	25 - 30 yrs	67
4 - 5	30 - 35 yrs	40
4 - 5	> 35 yrs	20
5 - 10	<=30 days	-
5 - 10	31 days - 6 mos	-
5 - 10	6 mos - 1 yr	-
5 - 10	1 - 2 yrs	-
5 - 10	2 - 3 yrs	-
5 - 10	3 - 4 yrs	3
5 - 10	4 - 5 yrs	1
5 - 10	5 - 10 yrs	13
5 - 10	10 - 15 yrs	16
5 - 10	15 - 20 yrs	48
5 - 10	20 - 25 yrs	95
5 - 10	25 - 30 yrs	152
5 - 10	30 - 35 yrs	137
5 - 10	> 35 yrs	50
10 - 15	<=30 days	-
10 - 15	31 days - 6 mos	-
10 - 15	6 mos - 1 yr	-
10 - 15	1 - 2 yrs	-
10 - 15	2 - 3 yrs	-
10 - 15	3 - 4 yrs	-

10	7	
10	8	1
10	9	3
10	10	10
10	11	29
10	12	75
10	13	79
10	14	31
11	1	
11	2	
11	3	
11	4	
11	5	
11	6	
11	7	
11	8	
11	9	1
11	10	2
11	11	14
11	12	22
11	13	39
11	14	11
12	1	
12	2	
12	3	
12	4	
12	5	
12	6	
12	7	
12	8	
12	9	1
12	10	
12	11	3
12	12	15
12	13	21
12	14	12
13	1	
13	2	
13	3	
13	4	
13	5	
13	6	
13	7	
13	8	
13	9	

10 - 15	4 - 5 yrs	-
10 - 15	5 - 10 yrs	1
10 - 15	10 - 15 yrs	3
10 - 15	15 - 20 yrs	10
10 - 15	20 - 25 yrs	29
10 - 15	25 - 30 yrs	75
10 - 15	30 - 35 yrs	79
10 - 15	> 35 yrs	31
15 - 20	<=30 days	-
15 - 20	31 days - 6 mos	-
15 - 20	6 mos - 1 yr	-
15 - 20	1 - 2 yrs	-
15 - 20	2 - 3 yrs	-
15 - 20	3 - 4 yrs	-
15 - 20	4 - 5 yrs	-
15 - 20	5 - 10 yrs	-
15 - 20	10 - 15 yrs	1
15 - 20	15 - 20 yrs	2
15 - 20	20 - 25 yrs	14
15 - 20	25 - 30 yrs	22
15 - 20	30 - 35 yrs	39
15 - 20	> 35 yrs	11
20 - 25	<=30 days	-
20 - 25	31 days - 6 mos	-
20 - 25	6 mos - 1 yr	-
20 - 25	1 - 2 yrs	-
20 - 25	2 - 3 yrs	-
20 - 25	3 - 4 yrs	-
20 - 25	4 - 5 yrs	-
20 - 25	5 - 10 yrs	-
20 - 25	10 - 15 yrs	1
20 - 25	15 - 20 yrs	-
20 - 25	20 - 25 yrs	3
20 - 25	25 - 30 yrs	15
20 - 25	30 - 35 yrs	21
20 - 25	> 35 yrs	12
25 - 30	<=30 days	-
25 - 30	31 days - 6 mos	-
25 - 30	6 mos - 1 yr	-
25 - 30	1 - 2 yrs	-
25 - 30	2 - 3 yrs	-
25 - 30	3 - 4 yrs	-
25 - 30	4 - 5 yrs	-
25 - 30	5 - 10 yrs	-
25 - 30	10 - 15 yrs	-

13	10	
13	11	2
13	12	5
13	13	11
13	14	8
14	1	
14	2	
14	3	
14	4	
14	5	
14	6	
14	7	
14	8	
14	9	
14	10	
14	11	4
14	12	8
14	13	18
14	14	11
15	1	
15	2	
15	3	
15	4	
15	5	
15	6	
15	7	
15	8	
15	9	
15	10	
15	11	
15	12	
15	13	
15	14	5

25 - 30	15 - 20 yrs	-
25 - 30	20 - 25 yrs	2
25 - 30	25 - 30 yrs	5
25 - 30	30 - 35 yrs	11
25 - 30	> 35 yrs	8
30 - 50	<=30 days	-
30 - 50	31 days - 6 mos	-
30 - 50	6 mos - 1 yr	-
30 - 50	1 - 2 yrs	-
30 - 50	2 - 3 yrs	-
30 - 50	3 - 4 yrs	-
30 - 50	4 - 5 yrs	-
30 - 50	5 - 10 yrs	-
30 - 50	10 - 15 yrs	-
30 - 50	15 - 20 yrs	-
30 - 50	20 - 25 yrs	4
30 - 50	25 - 30 yrs	8
30 - 50	30 - 35 yrs	18
30 - 50	> 35 yrs	11
>50	<=30 days	-
>50	31 days - 6 mos	-
>50	6 mos - 1 yr	-
>50	1 - 2 yrs	-
>50	2 - 3 yrs	-
>50	3 - 4 yrs	-
>50	4 - 5 yrs	-
>50	5 - 10 yrs	-
>50	10 - 15 yrs	-
>50	15 - 20 yrs	-
>50	20 - 25 yrs	-
>50	25 - 30 yrs	-
>50	30 - 35 yrs	-
>50	> 35 yrs	5