

Table t14.1
incidence ratio in male liquidators over 1993-1996 (%)

Russia (RNMDR - Russian National Medical and Dosimetric Registry-as a whole)

	1993	1994	1995	1996
Infectious and parasitic diseases	0.92	1.09	1.28	1.19
neoplasms	0.96	1.12	1.20	1.09
MALIGNANT NEOPLASMS	0.26	0.32	0.39	0.34
Endocrine and metabolic diseases	8.09	7.12	6.37	7.09
Diseases of the blood and blood-forming organs	0.41	0.45	0.58	0.46
mental disorders	6.84	5.65	4.65	4.41
diseases of the nervous system and sense organs	15.13	14.91	15.31	16.88
DISEASES of the circulatory system	7.76	8.96	9.79	10.88
diseases of the respiratory system	25.49	24.42	24.05	21.73
diseases of the digestive system	12.49	13.05	12.84	13.17
diseases of the genitourinary system	2.60	3.01	3.37	3.64
diseases of the skin and subcutaneous tissue	1.66	2.29	2.62	2.37
diseases of musculoskeletal system and connective tissue	11.90	10.92	10.95	10.72
Symptoms and inaccurately specified status	0.55	0.56	0.52	0.46
Injury and poisoning	4.91	6.16	6.22	5.66
other diseases	0.05	0.08	0.02	0.05

Table t14.2
incidence ratio in male liquidators over 1993-1996 (%)

russia except for ministerial registries (rnmdr as a whole except for ministerial subregistries)

	1993	1994	1995	1996
Infectious and parasitic diseases	0.81	0.98	1.17	1.16
neoplasms	0.88	1.00	1.10	1.03
malignant neoplasms	0.26	0.28	0.36	0.32
Endocrine and metabolic diseases	8.37	7.31	6.67	7.23
Diseases of the blood and blood-forming organs	0.44	0.50	0.62	0.48
mental disorders	7.06	5.88	4.87	4.48
diseases of the nervous system and sense organs	16.21	15.95	16.27	17.53
DISEASES of the circulatory system	7.67	9.08	9.85	10.99
diseases of the respiratory system	24.16	22.83	22.45	20.86

diseases of the digestive system	12.67	13.39	13.25	13.33
diseases of the genitourinary system	2.35	3.05	3.36	3.63
diseases of the skin and subcutaneous tissue	1.58	2.19	2.52	2.26
diseases of musculoskeletal system and connective tissue	12.34	11.21	11.20	10.88
Symptoms and inaccurately specified status	0.53	0.56	0.54	0.47
Injury and poisoning	4.64	5.79	5.87	5.42
other diseases	0.05	0.09	0.02	0.05

Table t14.3
incidence ratio in male liquidators over 1993-1996 (%)

minatom

	1993	1994	1995	1996
Infectious and parasitic diseases	1.66	1.88	2.31	1.56
neoplasms	1.43	1.88	2.01	1.77
MALIGNANT NEOPLASMS	0.33	0.67	0.72	0.57
Endocrine and metabolic diseases	6.11	4.81	3.00	3.66
Diseases of the blood and blood-forming organs	0.22	0.14	0.33	0.27
mental disorders	5.43	3.56	2.78	2.76
diseases of the nervous system and sense organs	10.09	8.75	8.34	10.08
DISEASES of the circulatory system	6.67	6.56	7.64	8.70
diseases of the respiratory system	34.98	37.80	38.12	33.72
diseases of the digestive system	9.73	9.17	9.02	10.84
diseases of the genitourinary system	3.74	2.43	3.37	3.66
diseases of the skin and subcutaneous tissue	2.27	3.20	3.77	3.95
diseases of musculoskeletal system and connective tissue	9.22	8.84	8.91	9.27
Symptoms and inaccurately specified status	0.41	0.53	0.31	0.48
Injury and poisoning	7.71	10.14	9.84	8.88
other diseases	0.09	0.05	0.01	0.13

Table t14.4
incidence ratio in male liquidators over 1993-1996 (%)

north region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.81	0.90	1.35	1.62
neoplasms	0.95	0.61	1.10	0.94
MALIGNANT NEOPLASMS	0.44	0.22	0.17	0.27
Endocrine and metabolic diseases	14.45	13.47	5.14	6.46
Diseases of the blood and blood-forming organs	0.30	0.58	0.42	0.45
mental disorders	4.70	3.65	2.99	1.85
diseases of the nervous system and sense organs	13.19	12.44	12.49	13.56
DISEASES of the circulatory system	8.69	7.20	9.10	8.81
diseases of the respiratory system	22.60	23.20	30.02	26.23
diseases of the digestive system	11.76	11.92	9.88	10.80
diseases of the genitourinary system	2.62	2.90	3.57	4.07
diseases of the skin and subcutaneous tissue	1.63	3.00	3.85	4.16
diseases of musculoskeletal system and connective tissue	13.02	12.21	10.03	10.67
Symptoms and inaccurately specified status	0.27	0.38	0.49	0.13
Injury and poisoning	4.60	7.04	9.21	9.76
other diseases	0.03	0.12	0	0.04

Table t14.5
incidence ratio in male liquidators over 1993-1996 (%)

north-west region

	1993	1994	1995	1996
Infectious and parasitic diseases	1.15	0.96	1.17	0.93
neoplasms	0.99	1.47	1.69	1.50
MALIGNANT NEOPLASMS	0.66	0.51	0.55	0.43
Endocrine and metabolic diseases	5.13	3.47	3.15	3.08
Diseases of the blood and blood-forming organs	0.49	0.62	0.42	0.21
mental disorders	6.15	7.54	5.20	4.33
diseases of the nervous system and sense organs	12.14	11.75	14.81	18.56
DISEASES of the circulatory system	13.20	16.11	18.39	18.35
diseases of the respiratory system	26.97	22.62	21.45	20.67
diseases of the digestive system	9.36	10.38	9.11	9.06
diseases of the genitourinary system	2.87	4.28	4.36	5.59
diseases of the skin and subcutaneous tissue	2.54	3.03	2.50	2.29
diseases of musculoskeletal system and connective tissue	11.81	9.75	11.68	10.45

Symptoms and inaccurately specified status	0.76	0.59	0.42	0.33
Injury and poisoning	6.25	7.24	5.43	4.42
other diseases	0.03	0	0	0

Table t14.6
incidence ratio in male liquidators over 1993-1996 (%)

central region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.73	0.87	0.91	0.84
neoplasms	0.86	0.95	1.02	1.02
MALIGNANT NEOPLASMS	0.15	0.17	0.31	0.37
Endocrine and metabolic diseases	10.88	9.95	9.70	8.50
Diseases of the blood and blood-forming organs	0.52	0.35	0.58	0.59
mental disorders	5.01	3.94	4.50	5.41
diseases of the nervous system and sense organs	13.83	14.65	13.91	16.95
DISEASES of the circulatory system	6.38	8.08	7.66	10.13
diseases of the respiratory system	27.95	25.81	25.13	20.69
diseases of the digestive system	14.01	14.31	13.72	12.71
diseases of the genitourinary system	2.15	2.53	2.98	2.81
diseases of the skin and subcutaneous tissue	1.62	2.09	2.29	2.20
diseases of musculoskeletal system and connective tissue	9.91	9.60	10.43	11.72
Symptoms and inaccurately specified status	0.66	0.69	0.59	0.59
Injury and poisoning	5.20	5.79	6.39	5.62
other diseases	0.03	0.08	0.01	0.03

Table t14.7
incidence ratio in male liquidators over 1993-1996 (%)

volgo-vyatsky region

	1993	1994	1995	1996
Infectious and parasitic diseases	1.37	1.20	1.20	1.35
neoplasms	0.92	0.72	0.71	0.76
MALIGNANT NEOPLASMS	0.28	0.36	0.37	0.20
Endocrine and metabolic diseases	1.93	3.96	4.32	6.99
Diseases of the blood and blood-forming organs	0.28	0.33	0.30	0.36
mental disorders	3.87	5.43	4.53	4.31
diseases of the nervous system and sense organs	11.38	15.98	15.97	16.77
DISEASES of the circulatory system	5.00	7.74	8.77	10.82
diseases of the respiratory system	36.87	25.98	24.95	21.83
diseases of the digestive system	9.97	12.66	12.71	14.77
diseases of the genitourinary system	2.50	2.47	2.50	2.60
diseases of the skin and subcutaneous tissue	2.10	1.85	2.33	1.87
diseases of musculoskeletal system and connective tissue	12.84	12.76	13.15	11.27
Symptoms and inaccurately specified status	0.36	0.60	0.41	0.26
Injury and poisoning	10.33	8.14	7.89	5.75
other diseases	0	0.04	0	0.01

Table t14.8
incidence ratio in male liquidators over 1993-1996 (%)

centralno-chnozemny region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.53	0.58	0.78	0.67
neoplasms	1.99	1.36	1.10	0.87
MALIGNANT NEOPLASMS	0.39	0.25	0.31	0.23
Endocrine and metabolic diseases	12.40	10.12	9.23	10.28
Diseases of the blood and blood-forming organs	0.42	0.16	0.75	0.64
mental disorders	11.55	10.05	8.71	4.79
diseases of the nervous system and sense organs	11.82	13.49	15.29	17.55
DISEASES of the circulatory system	7.13	7.00	9.41	11.04
diseases of the respiratory system	20.31	19.17	16.44	17.49
diseases of the digestive system	14.13	14.04	16.42	14.25
diseases of the genitourinary system	2.76	2.85	2.75	3.56
diseases of the skin and subcutaneous tissue	1.01	2.27	1.96	1.72
diseases of musculoskeletal system and connective tissue	11.31	12.00	11.23	11.18
Symptoms and inaccurately specified status	0.69	0.84	0.57	0.52
Injury and poisoning	3.62	5.84	5.09	5.22

other diseases	0.07	0	0.02	0.08
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Table t14.9
incidence ratio in male liquidators over 1993-1996 (%)

povolzhsky region

	1993	1994	1995	1996
Infectious and parasitic diseases	1.14	0.98	1.09	1.09
neoplasms	0.97	1.09	1.19	1.06
MALIGNANT NEOPLASMS	0.39	0.37	0.31	0.36
Endocrine and metabolic diseases	4.83	6.94	6.75	9.12
Diseases of the blood and blood-forming organs	0.85	0.76	0.62	0.48
mental disorders	5.79	5.41	4.13	3.50
diseases of the nervous system and sense organs	13.68	16.03	17.35	17.91
DISEASES of the circulatory system	9.52	9.36	10.16	11.65
diseases of the respiratory system	29.58	23.44	21.39	18.25
diseases of the digestive system	9.79	12.80	13.95	14.83
diseases of the genitourinary system	2.48	2.91	3.09	3.68
diseases of the skin and subcutaneous tissue	1.90	1.92	2.38	1.75
diseases of musculoskeletal system and connective tissue	12.89	12.90	12.46	11.57
Symptoms and inaccurately specified status	0.28	0.37	0.50	0.72
Injury and poisoning	6.07	4.90	4.67	4.21
other diseases	0	0.03	0.02	0.01

Table t14.10
incidence ratio in male liquidators over 1993-1996 (%)

north-caucasian region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.36	0.72	0.86	1.01
neoplasms	0.67	0.95	1.07	1.02
MALIGNANT NEOPLASMS	0.20	0.30	0.54	0.46
Endocrine and metabolic diseases	9.15	6.48	7.34	8.65
Diseases of the blood and blood-forming organs	0.29	0.41	0.44	0.29
mental disorders	9.64	7.72	5.51	4.64
diseases of the nervous system and sense organs	24.21	21.43	20.73	21.22

DISEASES of the circulatory system	8.45	11.68	13.20	13.89
diseases of the respiratory system	14.03	13.59	13.18	14.32
diseases of the digestive system	13.58	15.28	15.45	15.42
diseases of the genitourinary system	2.50	3.86	4.71	4.93
diseases of the skin and subcutaneous tissue	1.01	1.55	2.04	1.52
diseases of musculoskeletal system and connective tissue	12.85	11.62	11.18	9.57
Symptoms and inaccurately specified status	0.72	0.78	0.76	0.44
Injury and poisoning	2.22	3.55	3.21	2.90
other diseases	0.10	0.23	0.04	0.06

Table t14.11
incidence ratio in male liquidators over 1993-1996 (%)

ural region

	1993	1994	1995	1996
Infectious and parasitic diseases	1.26	1.35	1.80	1.59
neoplasms	0.71	0.79	1.02	0.95
MALIGNANT NEOPLASMS	0.26	0.22	0.34	0.28
Endocrine and metabolic diseases	5.65	4.13	3.68	4.46
Diseases of the blood and blood-forming organs	0.43	0.68	1.26	0.65
mental disorders	8.33	5.81	4.77	4.67
diseases of the nervous system and sense organs	12.70	14.54	14.43	16.11
DISEASES of the circulatory system	6.33	7.31	7.67	8.20
diseases of the respiratory system	29.94	29.00	27.69	26.24
diseases of the digestive system	10.71	11.45	12.02	12.11
diseases of the genitourinary system	1.70	2.38	3.06	3.09
diseases of the skin and subcutaneous tissue	2.32	2.97	3.51	3.19
diseases of musculoskeletal system and connective tissue	13.64	11.20	10.69	11.09
Symptoms and inaccurately specified status	0.28	0.34	0.37	0.27
Injury and poisoning	5.88	7.83	7.67	7.10
other diseases	0	0.10	0.05	0.12

Table t14.12
incidence ratio in male liquidators over 1993-1996 (%)

west-siberian region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.81	1.14	1.25	1.12
neoplasms	0.79	1.47	1.25	1.25
MALIGNANT NEOPLASMS	0.09	0.39	0.23	0.26
Endocrine and metabolic diseases	8.58	7.93	8.18	6.72
Diseases of the blood and blood-forming organs	0.30	0.39	0.21	0.31
mental disorders	4.52	5.51	4.26	4.44
diseases of the nervous system and sense organs	19.04	17.25	19.64	18.91
DISEASES of the circulatory system	6.45	8.37	8.69	9.41
diseases of the respiratory system	22.88	23.31	22.54	22.73
diseases of the digestive system	16.05	14.41	12.29	14.25
diseases of the genitourinary system	2.13	3.61	3.20	4.02
diseases of the skin and subcutaneous tissue	1.08	1.97	2.05	2.11
diseases of musculoskeletal system and connective tissue	13.22	8.85	10.14	8.10
Symptoms and inaccurately specified status	0.43	0.24	0.54	0.68
Injury and poisoning	3.35	5.18	5.49	5.72
other diseases	0.13	0.02	0	0.02

Table t14.13
incidence ratio in male liquidators over 1993-1996 (%)

east-siberian region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.55	1.14	1.24	1.68
neoplasms	0.73	0.76	0.77	1.96
MALIGNANT NEOPLASMS	0.18	0	0.31	0
Endocrine and metabolic diseases	10.62	12.21	9.78	11.20
Diseases of the blood and blood-forming organs	0.83	0.38	0	0.42
mental disorders	7.11	7.12	6.98	7.70
diseases of the nervous system and sense organs	14.69	11.70	14.28	16.10
DISEASES of the circulatory system	6.46	6.99	7.76	7.84

diseases of the respiratory system	23.01	19.84	24.06	18.90
diseases of the digestive system	14.32	16.28	13.50	13.72
diseases of the genitourinary system	3.60	6.87	3.26	4.20
diseases of the skin and subcutaneous tissue	1.57	1.78	1.08	1.40
diseases of musculoskeletal system and connective tissue	11.64	9.54	10.24	9.52
Symptoms and inaccurately specified status	0.83	1.39	1.24	1.12
Injury and poisoning	3.60	3.68	5.59	3.64
other diseases	0	0	0.15	0

Table t14.14
incidence ratio in male liquidators over 1993-1996 (%)

far east region

	1993	1994	1995	1996
Infectious and parasitic diseases	0.81	2.16	0.58	1.58
neoplasms	0.40	1.35	1.46	0.52
MALIGNANT NEOPLASMS	0	0.27	0.29	0
Endocrine and metabolic diseases	5.28	9.18	8.47	8.73
Diseases of the blood and blood-forming organs	0.81	0.81	0	1.05
mental disorders	6.09	4.59	4.97	5.82
diseases of the nervous system and sense organs	8.94	10.27	9.64	11.11
DISEASES of the circulatory system	8.53	11.08	9.64	8.99
diseases of the respiratory system	25.20	21.08	29.82	17.46
diseases of the digestive system	17.07	13.78	12.57	12.69
diseases of the genitourinary system	4.47	1.62	4.97	5.29
diseases of the skin and subcutaneous tissue	0.40	4.05	2.04	3.70
diseases of musculoskeletal system and connective tissue	14.63	14.86	10.52	14.02
Symptoms and inaccurately specified status	0.40	0.27	0.87	0.79
Injury and poisoning	6.50	4.59	4.09	8.20
other diseases	0.40	0	0	0