

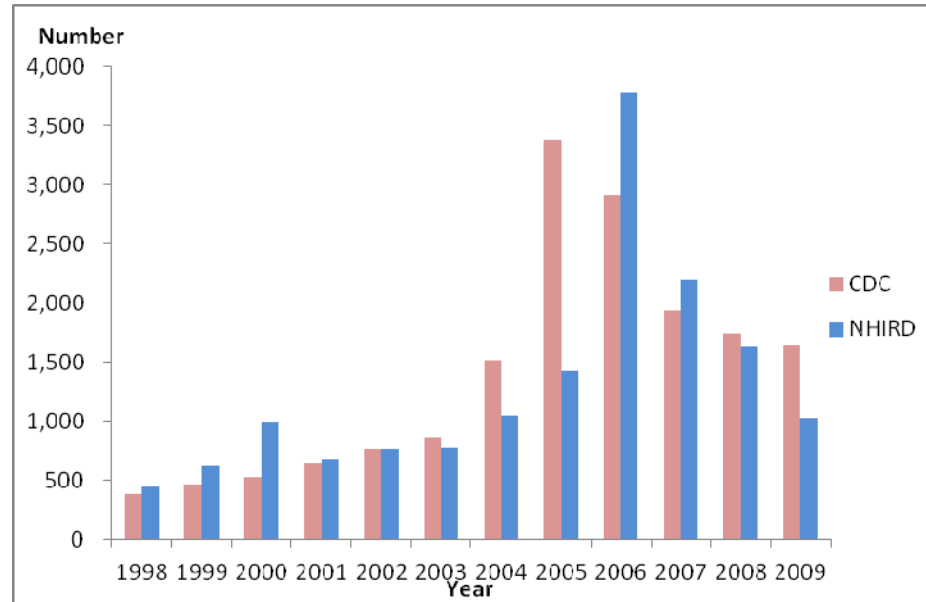
Table S1. Comparison of case numbers in the general population between the NHIRD and Catastrophic Illness Registry (CIR) by cancer type and calculated SIRs using the CIR for each cancer type by gender and in total

Cancer type	NHIRD case number	CIR case number	NHIRD/CIR ratio	SIR(CI) of CIR		
				Male	Female	Total
Kaposi sarcoma	124	65	1.91	141.6 (120.32,165.75)	737.52 (198.42,1888.22)	244.15 (207.78,285.05)
Non-Hodgkin lymphoma	1949	1835	1.06	23.42 (20,27.25)	19.16 (10.19,32.77)	25.18 (21.64,29.14)
Cervix	1639	2667	0.61		19.41 (12.16,29.38)	
Lip	235	127	1.85	3.35 (0.67,9.79)	0	4.75 (0.96,13.89)
Oral cavity	2743	2715	1.01	5.29 (4.05,6.78)	10.56 (2.12,30.85)	8 (6.17,10.2)
Oropharynx and hypopharynx	961	625	1.54	3.63 (1.93,6.21)	0	5.52 (2.94,9.44)
Nasal pharynx	1550	1698	0.91	5.49 (3.87,7.57)	2.54 (0.03,14.11)	6.58 (4.65,9.03)
Esophagus	973	845	1.15	3.75 (1.8,6.9)	0	5.64 (2.7,10.38)
Stomach	2542	2887	0.88	4.55 (2.55,7.51)	2.02 (0.03,11.24)	4.36 (2.49,7.08)
Small intestine	233	157	1.48	2.05 (0.03,11.4)	0	2.07 (0.03,11.5)
Colon	5554	4346	1.28	6.42 (4.72,8.54)	2.34 (0.47,6.84)	5.72 (4.25,7.55)
Rectum or rectosigmoid junction	3210	1337	2.40	4.79 (2.96,7.32)	2.91 (0.33,10.49)	4.65 (2.95,6.97)
Anus or anal canal	303	31	9.77	35.07 (20.77,55.42)	29.33 (3.29,105.9)	37.92 (23.16,58.58)
Liver and intrahepatic duct	10080	9723	1.04	3.48 (2.78,4.3)	1.56 (0.31,4.57)	4.17 (3.34,5.14)
Pancreas	1050	815	1.29	4.98 (2.15,9.82)	8.3 (0.93,29.96)	5.56 (2.66,10.23)
Larynx	463	430	1.08	5.11 (1.87,11.12)	0	7.63 (2.79,16.6)
Bronchus and lung	6169	5023	1.23	6.19 (4.53,8.26)	5.61 (2.05,12.22)	6.57 (4.91,8.62)
Melanoma	220	151	1.46	2.86 (0.04,15.94)	0	2.17 (0.03,12.09)
Non-melanoma skin	1449	847	1.71	14.02 (9.15,20.54)	3.37 (0.04,18.77)	12.83 (8.45,18.66)
Breast	5275	6419	0.82	6.87 (0.09,38.25)	2.47 (1.18,4.55)	0.63 (0.32,1.14)
Uterus	855	527	1.62		6.53 (1.76,16.71)	
Ovary	839	293	2.86		1.38 (0.02,7.66)	

SUPPLEMENTAL DIGITAL CONTENT

Prostate	3139	2632	1.19	2.73 (1.36,4.89)		
Testis	211	126	1.67	4.09 (1.86,7.76)		
Kidney and renal pelvis	2258	440	5.13	2.21 (0.88,4.55)	4.56 (0.92,13.34)	2.5 (1.2,4.6)
Brain	839	610	1.38	6.62 (3.61,11.1)	15.82 (5.1,36.92)	7.33 (4.41,11.45)
Thyroid	1266	1568	0.81	1.16 (0.13,4.19)	2.03 (0.23,7.34)	0.7 (0.19,1.8)
Hodgkin lymphoma	218	198	1.10	7.98 (3.43,15.72)	0	7.4 (3.19,14.58)
Multiple myeloma	542	152	3.57	4.46 (1.44,10.4)	16.04 (1.8,57.92)	6.31 (2.53,13)
Leukemia	1742	2171	0.80	2.27 (1.39,3.51)	3.91 (0.78,11.41)	2.62 (1.66,3.94)
Bladder	3548	1979	1.79	2.38 (1.14,4.37)	3.47 (0.7,10.13)	2.5 (1.33,4.27)

Figure S1. Number of HIV/AIDS cases in 1998-2009 according to the Centers for Disease Control and NHIRD



SUPPLEMENTAL DIGITAL CONTENT