

## Supplementary Material

**Table S1.** Mean annual Healthcare Costs (2013-16) in AU\$ per Person by Age Group and Survivorship Status (Patient-level & Cohort-level)

Age group (years)	Alive			Deceased			Total cost					% of total cost
	N	Mean cost per person	SD	N	Mean cost per person	SD	N	%	Mean cost per person	SD	Sum of costs for cohort	
0-4	796	\$24,197	63,547	24	\$77,804	59,553	820	0.4	\$ 25,766	64,041	\$21,128,116	0.6
5-9	492	\$22,287	42,571	16	\$97,311	78,289	508	0.2	\$ 24,651	45,918	\$12,522,478	0.3
10-14	561	\$20,993	46,980	16	\$121,273	111,510	577	0.3	\$ 23,774	52,356	\$13,717,399	0.4
15-19	1,238	\$13,958	39,867	27	\$71,327	68,381	1,265	0.5	\$ 15,183	41,478	\$19,206,505	0.5
20-24	2,075	\$8,865	28,658	43	\$59,061	59,123	2,118	0.9	\$ 9,884	30,399	\$20,933,600	0.6
25-29	3,450	\$8,168	18,546	79	\$58,746	46,754	3,529	1.5	\$ 9,300	20,990	\$32,821,302	0.9
30-34	5,037	\$8,645	19,033	142	\$56,035	45,030	5,179	2.2	\$ 9,944	21,620	\$51,501,098	1.4
35-39	7,316	\$9,388	18,757	240	\$55,607	52,387	7,556	3.3	\$ 10,856	22,207	\$82,029,050	2.2
40-44	10,709	\$10,386	20,259	443	\$51,660	46,010	11,152	4.8	\$ 12,026	23,303	\$134,113,230	3.7
45-49	15,359	\$10,437	19,740	727	\$47,379	39,669	16,086	7.0	\$ 12,107	22,405	\$194,748,360	5.3
50-54	20,649	\$11,412	21,058	1,333	\$46,776	45,604	21,982	9.5	\$ 13,556	24,775	\$297,990,983	8.1
55-59	25,875	\$12,440	20,838	1,989	\$43,310	39,549	27,864	12.1	\$ 14,643	24,042	\$408,020,598	11.1
60-64	29,421	\$13,556	21,560	2,733	\$41,385	37,647	32,154	14.0	\$ 15,921	24,617	\$511,938,583	14.0
65-69	29,825	\$14,908	21,668	3,689	\$38,607	37,331	33,514	14.5	\$ 17,517	25,024	\$587,068,806	16.0
70-74	22,372	\$16,575	21,687	4,093	\$35,329	37,131	26,465	11.5	\$ 19,475	25,628	\$515,413,796	14.1
75-79	15,058	\$17,446	21,139	4,073	\$30,082	32,582	19,131	8.3	\$ 20,137	24,586	\$385,233,265	10.5
80-84	8,244	\$17,608	20,742	3,497	\$24,276	28,901	11,741	5.1	\$ 19,597	23,667	\$230,089,549	6.3
85-89	3,738	\$16,355	20,904	2,424	\$18,942	28,134	6,162	2.7	\$ 17,373	24,041	\$107,051,153	2.9
90+	1,280	\$14,493	20,372	1,297	\$12,810	19,144	2,577	1.1	\$ 13,646	19,777	\$35,166,203	1.0
Total	203,495	\$13,509	21,899	26,885	\$33,912	37,064	230,380	100	\$ 15,890	25,036	\$3,660,694,073	100

**Table S2.** Mean Annual Healthcare Costs (2013-16) in AU\$ per Person by Type of Cancer and Health Service Component (Patient-level).

Type of cancer (ICD-O3 code)	Total N	Mean cost per person	SD	Hospitalisations (public)				Pharmaceuticals				Medicare Services				Emergency Admissions			
				N	%	Mean cost	SD	N	%	Mean cost	SD	N	%	Mean cost	SD	N	%	Mean cost	SD
Esophageal (C15)	1,200	\$26,268	35,401	801	66.8	\$26,062	39,180	1,172	97.7	\$1,948	2,759	1,139	94.9	\$ 6,208	7,184	740	61.7	\$1,747	1,510
Stomach (C16)	1,941	\$23,616	27,542	1,240	63.9	\$24,214	28,950	1,890	97.4	\$2,590	5,775	1,841	94.8	\$ 4,805	5,869	1,185	61.1	\$1,749	1,568
Colorectal (C18-20)	26,646	\$17,858	25,155	14,452	54.2	\$18,659	26,744	26,139	98.1	\$3,123	7,322	25,790	96.8	\$ 4,022	4,559	13,822	51.9	\$1,508	1,372
Pancreatic (C25)	1,819	\$27,185	31,554	1,221	67.1	\$24,513	33,950	1,752	96.3	\$4,262	6,361	1,693	93.1	\$ 5,880	6,745	1,127	62.0	\$1,861	1,721
Lung (C33-34)	8,750	\$26,651	27,018	6,459	73.8	\$23,119	26,291	8,390	95.9	\$3,559	5,992	8,140	93.0	\$ 5,210	5,850	5,798	66.3	\$2,001	1,793
Melanoma (C44, M872-M879)	40,655	\$9,487	19,092	14,847	36.5	\$12,126	22,495	39,327	96.7	\$2,012	8,005	39,876	98.1	\$ 2,676	3,107	16,096	39.6	\$1,232	1,136
Breast (C50)	37,745	\$13,140	18,244	16,390	43.4	\$13,057	19,403	37,170	98.5	\$3,011	6,217	37,165	98.5	\$ 4,011	4,125	16,318	43.2	\$1,285	1,181
Cervical (C53)	2,266	\$12,433	19,912	1,093	48.2	\$16,338	21,860	2,181	96.2	\$1,185	2,937	2,227	98.3	\$ 2,762	4,068	1,103	48.7	\$1,434	1,370
Uterine (C54)	4,893	\$11,988	17,882	2,239	45.8	\$14,785	21,049	4,808	98.3	\$1,471	2,805	4,811	98.3	\$ 3,205	3,568	2,204	45.0	\$1,387	1,267
Ovarian (C56)	1,997	\$18,710	23,649	1,007	50.4	\$19,158	24,968	1,940	97.1	\$3,540	5,397	1,932	96.7	\$ 4,916	5,625	1,000	50.1	\$1,706	4,740
Prostate (C61)	40,988	\$13,119	19,470	18,399	44.9	\$13,985	22,676	40,446	98.7	\$2,528	5,391	39,833	97.2	\$ 3,824	3,794	18,477	45.1	\$1,398	1,275
Kidney (C64-66, C68)	6,016	\$16,470	23,377	3,248	54.0	\$17,082	24,659	5,893	98.0	\$3,016	6,760	5,841	97.1	\$ 3,568	3,919	3,234	53.8	\$1,543	1,481
Bladder (C67)	3,574	\$18,856	27,765	2,193	61.4	\$19,661	31,315	3,520	98.5	\$1,861	3,443	3,389	94.8	\$ 4,230	4,899	2,029	56.8	\$1,669	1,529
Brain (C70-72)	1,849	\$30,264	37,161	1,199	64.8	\$29,873	38,923	1,790	96.8	\$3,863	5,382	1,800	97.3	\$ 6,114	7,311	1,201	65.0	\$1,849	1,580
Thyroid (C73)	6,098	\$8,801	15,276	2,483	40.7	\$11,522	19,376	6,026	98.8	\$1,110	3,013	6,019	98.7	\$ 2,622	2,883	2,362	38.7	\$1,097	935
Non-Hodgkin Lymphoma (M959, M967-971)	7,700	\$24,397	33,634	3,947	51.3	\$22,573	34,981	7,533	97.8	\$7,063	10,528	7,492	97.3	\$ 5,250	7,326	3,953	51.3	\$1,573	1,485
Leukemia (M980-M994)	6,308	\$29,158	44,390	3,395	53.8	\$28,543	47,525	6,131	97.2	\$8,273	15,130	6,119	97.0	\$ 4,951	7,601	3,470	55.0	\$1,732	1,582
Myeloma (M973)	2,201	\$45,951	39,499	1,398	63.5	\$28,057	33,187	2,170	98.6	\$19,657	20,772	2,143	97.4	\$ 7,914	8,986	1,282	58.2	\$1,793	1,585

Unknown																				
primary site (C80)	2,303	\$20,651	26,491	1,424	61.8	\$19,179	23,214	2,120	92.1	\$4,252	13,318	2,034	88.3	\$	4,499	5,081	1,282	55.7	\$1,626	1,429
Head & neck (C01-14, C30-32)	6,323	\$20,525	29,892	4,220	66.7	\$20,861	31,665	6,173	97.6	\$1,907	4,321	6,136	97.0	\$	3,985	4,175	3,576	56.6	\$1,545	1,382
Liver (C22)	1,342	\$29,619	37,306	1,038	77.3	\$24,878	35,798	1,266	94.3	\$6,036	13,723	1,241	92.5	\$	3,609	4,459	920	68.6	\$1,962	1,881
Other	17,766	\$17,739	31,207	9,127	51.4	\$20,092	35,212	17,163	96.6	\$3,185	7,896	17,281	97.3	\$	3,628	5,082	9,241	52.0	\$1,560	1,510
<b>Total</b>	<b>230,380</b>	<b>\$ 15,890</b>	<b>25,036</b>	<b>111,820</b>	<b>48.6</b>	<b>\$17,297</b>	<b>27,542</b>	<b>225,000</b>	<b>97.7</b>	<b>\$3,127</b>	<b>7,746</b>	<b>223,942</b>	<b>97.2</b>	<b>\$ 3,843</b>	<b>4,635</b>	<b>110,420</b>	<b>47.9</b>	<b>\$1,471</b>	<b>1,448</b>	