

Cancer type	Lifetime cancer incidence	Total number of normal cells* in tissue of origin	Number of normal stem cells* in tissue of origin (s)	Number of divisions of each stem cell per year	Number of divisions of each stem cell per lifetime (d)	Cumulative number of divisions of all stem cells per lifetime (lscd)
Acute myeloid leukemia	0.0041	$3 \cdot 10^{12}$	$1.35 \cdot 10^8$	12	960	$1.299 \cdot 10^{11}$
Basal cell carcinoma	0.3	$1.8 \cdot 10^{11}$	$5.82 \cdot 10^9$	7.6	608	$3.550 \cdot 10^{12}$
Chronic lymphocytic leukemia	0.0052	$3 \cdot 10^{12}$	$1.35 \cdot 10^8$	12	960	$1.299 \cdot 10^{11}$
Colorectal adenocarcinoma	0.048	$3 \cdot 10^{10}$	$2 \cdot 10^8$	73	5840	$1.168 \cdot 10^{12}$
Colorectal adenocarcinoma with FAP	1	$3 \cdot 10^{10}$	$2 \cdot 10^8$	73	5840	$1.168 \cdot 10^{12}$
Colorectal adenocarcinoma with Lynch syndrome	0.5	$3 \cdot 10^{10}$	$2 \cdot 10^8$	73	5840	$1.168 \cdot 10^{12}$
Duodenum adenocarcinoma	0.0003	$6.8 \cdot 10^8$	$4 \cdot 10^6$	24	1947	$7.796 \cdot 10^9$

Duodenum adenocarcinoma with FAP	0.035	$6.8 \cdot 10^8$	$4 \cdot 10^6$	24	1947	$7.796 \cdot 10^9$
Esophageal squamous cell carcinoma	0.001938	$3.24 \cdot 10^9$	$8.64 \cdot 10^5$	17.4	1390	$1.203 \cdot 10^9$
Gallbladder non papillary adenocarcinoma	0.0028	$1.6 \cdot 10^8$	$1.6 \cdot 10^6$	0.584	47	$7.840 \cdot 10^7$
Glioblastoma	0.00219	$8.46 \cdot 10^{10}$	$1.35 \cdot 10^8$	0	0	$2.700 \cdot 10^8$
Head & neck squamous cell carcinoma	0.0138	$1.67 \cdot 10^{10}$	$1.85 \cdot 10^7$	21.5	1720	$3.186 \cdot 10^{10}$
Head & neck squamous cell carcinoma with HPV-16	0.07935	$1.67 \cdot 10^{10}$	$1.85 \cdot 10^7$	21.5	1720	$3.186 \cdot 10^{10}$
Hepatocellular carcinoma	0.0071	$2.41 \cdot 10^{11}$	$3.01 \cdot 10^9$	0.9125	88	$2.709 \cdot 10^{11}$
Hepatocellular carcinoma with HCV	0.071	$2.41 \cdot 10^{11}$	$3.01 \cdot 10^9$	0.9125	88	$2.709 \cdot 10^{11}$
Lung adenocarcinoma (nonsmokers)	0.0045	$4.34 \cdot 10^{11}$	$1.22 \cdot 10^9$	0.07	5.6	$9.272 \cdot 10^9$
Lung adenocarcinoma (smokers)	0.081	$4.34 \cdot 10^{11}$	$1.22 \cdot 10^9$	0.07	5.6	$9.272 \cdot 10^9$
Medulloblastoma	0.00011	$8.5 \cdot 10^{10}$	$1.36 \cdot 10^8$	0	0	$2.720 \cdot 10^8$
Melanoma	0.0203	$3.8 \cdot 10^9$	$3.8 \cdot 10^9$	2.48	199	$7.638 \cdot 10^{11}$
Osteosarcoma	0.00035	$1.9 \cdot 10^9$	$4.18 \cdot 10^6$	0.067	5	$2.926 \cdot 10^7$
Osteosarcoma of the arms	0.00004	$3 \cdot 10^8$	$6.5 \cdot 10^5$	0.067	5	$4.550 \cdot 10^6$
Osteosarcoma of the head	0.000030 2	$3.9 \cdot 10^8$	$8.6 \cdot 10^5$	0.067	5	$6.020 \cdot 10^6$
Osteosarcoma of	0.00022	$7.2 \cdot 10^8$	$1.59 \cdot 10^6$	0.067	5	$1.113 \cdot 10^7$

the legs						
Osteosarcoma of the pelvis	0.00003	$2 \cdot 10^8$	$4.5 \cdot 10^5$	0.067	5	$3.150 \cdot 10^6$
Ovarian germ cell	0.000411	$1.1 \cdot 10^7$	$1.1 \cdot 10^7$	0	0	$2.200 \cdot 10^7$
Pancreatic ductal adenocarcinoma	0.013589	$1.672 \cdot 10^{11}$ (acinar)	$4.18 \cdot 10^9$	1	80	$3.428 \cdot 10^{11}$
Pancreatic endocrine (islet cell) carcinoma	0.000194	$2.95 \cdot 10^9$ (islet)	$7.4 \cdot 10^7$	1	80	$6.068 \cdot 10^9$
Small intestine adenocarcinoma	0.0007	$1.7 \cdot 10^{10}$	$1 \cdot 10^8$	36	2920	$2.922 \cdot 10^{11}$
Testicular germ cell cancer	0.0037	$2.16 \cdot 10^{10}$	$7.2 \cdot 10^6$	5.8	463	$3.348 \cdot 10^9$
Thyroid papillary/follicular carcinoma	0.01026	$10^{10}$	$6.5 \cdot 10^7$	0.087	7	$5.850 \cdot 10^8$
Thyroid medullary carcinoma	0.000324	$10^9$	$6.5 \cdot 10^6$	0.087	7	$5.850 \cdot 10^7$

\*"Cells" and "stem cells" refer only to those normal cells of the same type as the cancer cells in that tissue. For example, for colorectal adenocarcinomas, the cells and stem cells referred to are epithelial cells, not the stromal or other cell types within normal colon. For some cancer types, such as osteosarcomas, overall data as well as anatomic-compartment specific data are included.