

TABLE B-7.—U.S. Army regiments and regimental combat teams.

[Rates stated as cases per day]

Tactical operation	Calendar period	Number of U.S. Army regiments	Number of Regiment days	Mean strength	Total hit		Killed in action	
					Number	Rates	Number	Rates
I. Total U.S. Army Regiments and Regimental Combat Teams.....	4 Jul 1950–27 Jul 1953	28	20,568	3,457	94,086	1.32	16,764	0.24
Total Combat Operations (less redeploying, regrouping, and Army Reserve).....	4 Jul 1950–27 Jul 1953	28	16,519	3,440	93,460	1.64	16,664	0.29
II. Defensive Operations (major Communist offensives).....		24	1,233	2,791	23,551	6.84	5,902	1.72
Delaying invasion of South Korea.....	4 Jul–3 Aug 1950	11	217	2,180	3,859	8.16	1,722	3.64
Defense of Pusan perimeter.....	4 Aug–15 Sep 1950	14	552	2,493	9,906	7.20	2,252	1.64
CCF counteroffensive in North Korea.....	25 Nov–15 Dec 1950	19	120	3,011	3,064	8.48	439	1.21
CCF counterattack in Wonju-Chipyong area.....	12–21 Feb 1951	10	82	3,113	1,652	6.47	498	1.95
CCF first spring offensive (1951).....	22–29 Apr 1951	15	96	3,673	1,746	4.95	286	0.81
CCF second spring offensive (1951).....	17–22 May 1951	9	45	3,801	1,160	6.78	315	1.84
CCF attack on western and central fronts (1952).....	6–13 Oct 1952	3	24	3,374	369	4.56	49	0.61
CCF attack ROK II Corps front (1953).....	10–18 Jun 1953	4	36	3,844	944	7.19	163	1.24
Battle of Kumsong River, salient.....	14–20 Jul 1953	11	61	3,922	851	3.55	178	0.74
III. Withdrawal Operations (Communist general offensive).....		19	610	2,939	1,493	0.83	267	0.15
Evacuation of Hungnam.....	1–24 Dec 1950	6	129	2,884	531	1.44	102	0.28
Withdrawal from North Korea to Line "D".....	2 Dec 1950–16 Jan 1951	13	481	2,959	962	0.68	165	0.12
IV. Offensive Operations (major UN offensives).....		19	1,924	3,319	23,884	3.74	3,841	0.57
Breakout of Pusan perimeter.....	18–27 Sep 1950	12	144	2,816	3,896	9.61	692	1.71
Inchon landing and liberation of Seoul.....	18–30 Sep 1950	4	39	3,109	381	3.14	86	0.71
Operation Thunderbolt—Armed Recon to retake offensive.....	25 Jan–20 Feb 1951	19	384	3,189	3,551	2.90	624	0.51
Operation Killer—to reestablish UN Line east of Wonju.....	21 Feb–7 Mar 1951	12	168	3,114	1,000	1.91	137	0.26
Operation Ripper—to outflank Seoul and capture Chunchon.....	7 Mar–4 Apr 1951	19	490	3,214	3,503	2.22	528	0.33
Operation Rugged—to secure Phase Line KANSAS north of 38th parallel.....	1–15 Apr 1951	18	132	3,403	921	2.05	137	0.30
Operation Dauntless—to secure Phase Line UTAH forward to Line KANSAS.....	10–22 Apr 1951	9	108	3,706	1,072	2.68	87	0.22
Operation Detonate—to return to 38th parallel third time and retake Line KANSAS.....	20 May–8 Jun 1951	19	276	3,644	3,430	3.41	494	0.49
Operation Piledriver—to secure Phase Line WYOMING and The Iron Triangle.....	3–12 Jun 1951	12	105	3,625	1,929	5.07	224	0.59
Operation Commando—to secure Phase Line JAMESTOWN.....	3–15 Oct 1951	6	48	3,856	2,509	13.55	382	2.06
Operation Normad and Polar—to secure Phase Lines later designated as Line MISSOURI.....	13–22 Oct 1951	3	30	3,864	1,692	14.60	250	2.16
V. Pursuit and Mopping-up Operations.....		19	975	2,965	2,999	1.04	589	0.20
Pursuit and mopping-up south of 38th parallel.....	28 Sep–30 Nov 1950	16	399	2,800	627	0.55	153	0.13
Pursuit north of 38th parallel to Yalu River.....	5 Oct–27 Nov 1950	16	500	3,066	2,171	1.41	400	0.26
Iwon landing and pursuit north of 38th parallel.....	31 Oct–27 Nov 1950	3	76	2,849	201	0.93	36	0.17
VI. All Defensive Lines (including Limited Operations).....		26	11,777	3,593	41,533	0.98	6,265	0.15
Defensive Lines (excluding Limited Operations).....		26	10,996	3,558	24,453	0.62	3,364	0.08
Line "D" (furthest CCF penetration into South Korea—1951).....	5–29 Jan 1951	19	342	3,120	324	0.30	85	0.08
Line BOSTON (south bank of Han River; southeast of Seoul in I Corps sector).....	18 Feb–6 Mar 1951	6	96	3,143	135	0.45	20	0.07
Line KANSAS (Eighth Army Phase Line across Korea; north and south of 38th parallel).....	4–29 Apr 1951	18	144	3,563	235	0.46	35	0.07

Wounded in action				All nonbattle causes				Disease				Nonbattle injury			
CRO cases		Admissions		Incl. CRO cases		Excl. CRO cases		CRO cases		Admissions		CRO cases		Admissions	
Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates
11,020	0.15	66,302	0.93	138,036	1.94	125,230	1.76	12,225	0.17	95,015	1.34	580	0.01	30,215	0.42
10,829	0.19	65,967	1.16	113,405	2.00	104,610	1.84	8,295	0.15	77,905	1.37	500	0.01	26,705	0.47
1,537	0.44	16,112	4.68	12,395	3.60	12,240	3.56	140	0.04	9,260	2.09	15	0.00	2,980	0.87
107	0.23	2,030	4.29	1,660	3.50	1,630	3.44	30	0.06	1,335	2.82	—	—	295	0.62
560	0.40	7,094	5.16	6,555	4.76	6,530	4.75	15	0.01	5,680	4.13	10	0.00	850	0.62
60	0.17	2,565	7.10	1,705	4.72	1,695	4.69	10	0.03	695	1.92	—	—	1,000	2.77
110	0.43	1,044	4.09	865	3.39	860	3.37	5	0.02	515	2.02	—	—	345	1.35
204	0.58	1,256	3.56	820	2.32	805	2.28	15	0.04	525	1.49	—	—	280	0.79
107	0.63	738	4.31	365	2.13	355	2.08	10	0.05	260	1.52	—	—	95	0.56
115	1.42	205	2.53	85	1.05	70	0.86	15	0.19	60	0.74	—	—	10	0.12
142	1.08	639	4.87	135	1.02	120	0.91	15	0.11	95	0.72	—	—	25	0.19
132	0.55	541	2.26	205	0.85	175	0.73	25	0.10	95	0.40	5	0.02	80	0.33
165	0.09	1,061	0.59	6,190	3.45	6,185	3.45	5	0.00	3,200	1.79	—	—	2,985	1.66
13	0.03	416	1.13	1,050	2.84	1,050	2.84	—	—	370	1.00	—	—	680	1.84
152	0.11	645	0.45	5,140	3.61	5,135	3.61	5	0.00	2,830	1.99	—	—	2,305	1.62
2,017	0.32	18,226	2.85	18,860	2.95	18,570	2.91	275	0.04	13,545	2.12	15	0.00	5,025	0.79
276	0.68	2,928	7.22	1,500	3.69	1,495	3.68	—	—	1,250	3.08	5	0.01	245	0.60
3	0.02	292	2.41	50	0.41	45	0.37	5	0.04	40	0.33	—	—	5	0.04
199	0.16	2,728	2.23	4,720	3.85	4,705	3.84	15	0.01	3,095	2.53	—	—	1,610	1.31
107	0.20	756	1.45	1,815	3.47	1,805	3.45	10	0.02	1,205	2.30	—	—	600	1.15
292	0.19	2,683	1.70	4,530	2.87	4,465	2.83	60	0.04	3,280	2.08	5	0.00	1,185	0.75
116	0.26	668	1.49	955	2.12	950	2.11	5	0.01	710	1.58	—	—	240	0.53
64	0.16	921	2.30	1,050	2.62	1,000	2.50	50	0.12	820	2.05	—	—	180	0.45
328	0.33	2,608	2.59	2,530	2.51	2,445	2.43	85	0.08	1,875	1.86	—	—	570	0.57
369	0.97	1,336	3.51	1,070	2.81	1,035	2.72	30	0.08	855	2.25	5	0.01	180	0.47
195	1.05	1,932	10.44	375	2.02	365	1.97	10	0.05	265	1.43	—	—	100	0.54
68	0.59	1,374	11.85	265	2.28	260	2.24	5	0.04	150	1.29	—	—	110	0.95
188	0.07	2,222	0.77	5,950	2.06	5,875	2.03	50	0.02	4,220	1.46	25	0.01	1,655	0.57
103	0.09	371	0.33	1,920	1.68	1,905	1.67	—	—	1,475	1.29	15	0.01	430	0.38
80	0.05	1,691	1.10	3,465	2.26	3,405	2.22	50	0.03	2,490	1.62	10	0.01	915	0.60
5	0.02	160	0.74	565	2.61	565	2.61	—	—	255	1.18	—	—	310	1.43
6,922	0.16	28,346	0.67	70,010	1.65	61,740	1.46	7,825	0.18	47,680	1.13	445	0.01	14,000	0.33
5,059	0.13	16,030	0.41	64,190	1.62	56,465	1.43	7,325	0.18	43,480	1.10	400	0.01	12,985	0.33
10	0.01	229	0.21	3,560	3.34	3,540	3.32	15	0.01	2,230	2.09	5	0.01	1,310	1.23
25	0.08	90	0.30	930	3.09	920	3.05	5	0.02	705	2.34	5	0.02	215	0.71
65	0.13	135	0.26	950	1.85	920	1.79	25	0.05	705	1.37	5	0.01	215	0.42

TABLE B-7.—U.S. Army regiments and regimental combat teams, by [Rates stated as cases per day

Tactical operation	Calendar period	Number of U.S. Army regiments	Number of Regiment days	Mean strength	Total hit		Killed in action	
					Number	Rates	Number	Rates
VI. All Defensive Lines (including Limited Operations).—(Continued)								
Line GOLDEN (I Corps Defensive Line north of Seoul, halting CCF spring offensive—1951).....	29 Apr-19 May 1951	9	174	3,824	379	0.57	31	0.05
Line NO NAME (Eighth Army Defensive Line in IX and X Corps, halting CCF spring offensive).....	29 Apr-19 May 1951	9	165	3,715	175	0.29	23	0.04
Line WYOMING—I Corps (Phase Line forward of Line KANSAS, around 38th parallel).....	10 Jun-2 Oct 1951	9	657	3,643	1,751	0.73	250	0.10
Line WYOMING—IX Corps (Phase Line forward of Line KANSAS, above 38th parallel).....	13 Jun-31 Oct 1951	11	648	3,729	2,169	0.90	332	0.14
Line KANSAS/HAYS—X Corps (Phase Lines above 38th parallel in X Corps sector).....	15 Jul-4 Oct 1951	3	138	3,479	589	1.23	84	0.17
Line JAMESTOWN (main battle position I Corps sector on western front).....	7 Oct 1951-27 Jul 1953	18	2,814	3,614	6,727	0.65	958	0.09
Line MISSOURI (main battle position IX Corps sector on central front).....	23 Oct 1951-27 Jul 1953	19	2,970	3,656	5,563	0.52	716	0.07
Line MINNESOTA (main battle position X Corps sector on eastern front).....	16 Oct 1951-27 Jul 1953	16	2,848	3,523	6,406	0.64	830	0.08
Defensive Lines (including Limited Operations).....		26	10,856	3,607	40,285	1.03	8,071	0.16
Line WYOMING—I Corps.....	10 Jun-3 Oct 1951	9	717	3,650	2,840	1.09	411	0.16
Line WYOMING—IX Corps.....	13 Jun-31 Oct 1951	11	717	3,722	3,888	1.46	604	0.23
Line KANSAS/HAYS—X Corps.....	15 Jul-15 Oct 1951	3	279	3,545	5,655	5.72	948	0.96
Line JAMESTOWN.....	7 Oct 1951-27 Jul 1953	18	3,174	3,613	13,383	1.17	2,135	0.19
Line MISSOURI.....	23 Oct 1951-27 Jul 1953	19	3,087	3,645	7,813	0.69	1,089	0.09
Line MINNESOTA.....	16 Oct 1951-27 Jul 1953	16	2,882	3,526	6,706	0.66	884	0.08
VII. Limited Operations from Defensive Lines....		25	781	3,590	17,080	6.08	2,901	1.03
Operations from Line WYOMING.....	26 Jun-3 Oct 1951	15	129	3,835	2,808	5.90	433	0.91
Line WYOMING—I Corps.....	1 Jul-3 Oct 1951	6	60	3,729	1,089	4.87	161	0.72
Operation Doughnut—to seize dominating terrain of Sobang mountains.....	1-4 Jul 1951	3	12	3,492	217	5.18	25	0.60
Raid on DIG and Kwon-ni.....	3-8 Aug 1951	3	18	3,648	159	2.42	20	0.30
Attack on Hills 272 and 487.....	18-19 Aug 1951	3	6	3,648	72	3.20	14	0.64
Operation Citadel—to move MLR forward to OPLR.....	9-10 Sep 1951	3	6	3,766	34	1.50	—	—
Operation Clean-up—attempt to sweep enemy from front of position.....	18 Sep 1951	3	3	3,870	107	9.21	17	1.46
Operation Clean-up II—to secure railroad running north from Uijongbu.....	29 Sep-3 Oct 1951	3	15	4,004	500	8.33	85	1.42
Line WYOMING—IX Corps.....	26 Jun-21 Sep 1951	10	60	3,935	1,719	6.82	272	1.08
Operation Cat and Dog—to destroy enemy positions and capture prisoners.....	26-28 Jun 1951	3	9	3,393	288	9.43	32	1.05
Attack on Hills 682 and 850.....	12-15 Jul 1951	3	12	3,496	207	4.93	36	0.85
Operation Cow Puncher—to secure Phase Line UTAH forward of Line WYOMING.....	2-3 Aug 1951	3	6	3,495	49	2.33	8	0.38
Attack on Hills 658 and 851.....	31 Aug-4 Sep 1951	3	15	3,850	604	10.46	117	2.03
Operation Ohio-Sloan—to secure new positions on Line WYOMING.....	8-12 Sep 1951	4	20	3,678	485	6.59	66	0.90
Operation Cleaver—Tank/Infantry raid in The Iron Triangle.....	21 Sep 1951	7	7	3,870	86	3.17	13	0.47
Operations from Line KANSAS/HAYS—X Corps.....	26 Jul-15 Oct 1951	3	141	3,609	5,066	9.96	864	1.70

Wounded in action				All nonbattle causes				Disease				Nonbattle injury			
CRO cases		Admissions		Incl. CRO cases		Excl. CRO cases		CRO cases		Admissions		CRO cases		Admissions	
Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates
140	0.21	208	0.31	1,470	2.21	1,355	2.04	115	0.17	1,130	1.70	—	—	225	0.34
17	0.03	135	0.22	925	1.52	915	1.50	5	0.01	660	1.08	5	0.01	255	0.42
515	0.22	986	0.41	6,215	2.60	5,585	2.33	615	0.26	4,735	1.98	15	0.01	850	0.35
308	0.13	1,529	0.63	4,700	1.94	4,305	1.78	395	0.16	3,525	1.46	—	—	780	0.32
113	0.24	392	0.82	770	1.60	770	1.60	—	—	600	1.25	—	—	170	0.35
1,455	0.14	4,314	0.42	15,170	1.50	12,615	1.24	2,400	0.24	9,860	0.97	155	0.02	2,755	0.27
1,171	0.11	3,676	0.34	15,895	1.46	13,835	1.27	1,950	0.18	10,685	0.98	110	0.01	3,150	0.29
1,240	0.12	4,336	0.44	13,605	1.36	11,705	1.17	1,800	0.18	8,645	0.86	100	0.01	3,060	0.31
6,665	0.17	27,549	0.70	62,175	1.59	54,000	1.38	7,660	0.20	42,250	1.08	425	0.01	11,840	0.30
696	0.27	1,733	0.66	6,760	2.59	6,005	2.33	650	0.25	5,160	1.97	15	0.01	935	0.36
493	0.18	2,791	1.05	5,245	1.96	4,750	1.78	490	0.18	3,850	1.44	5	0.00	900	0.34
433	0.44	4,274	4.32	1,815	1.84	1,815	1.84	—	—	1,420	1.44	—	—	395	0.40
2,210	0.19	9,038	0.79	17,960	1.57	15,070	1.31	2,695	0.24	11,865	1.03	195	0.02	3,205	0.28
1,544	0.14	5,180	0.46	16,555	1.47	14,445	1.28	2,000	0.18	11,135	0.99	110	0.01	3,310	0.29
1,289	0.13	4,533	0.45	13,840	1.36	11,915	1.17	1,825	0.18	8,820	0.87	100	0.01	3,095	0.30
1,863	0.66	12,316	4.39	5,820	2.08	5,275	1.88	500	0.18	4,200	1.50	45	0.02	1,075	0.38
366	0.77	2,009	4.22	1,090	2.29	955	2.01	130	0.27	750	1.58	5	0.01	205	0.43
181	0.81	747	3.34	545	2.44	510	2.28	35	0.16	425	1.90	—	—	85	0.38
40	0.95	152	3.63	115	2.75	115	2.75	—	—	100	2.39	—	—	15	0.36
44	0.67	95	1.45	175	2.66	175	2.66	—	—	140	2.13	—	—	35	0.53
13	0.59	45	2.06	55	2.51	25	1.14	30	1.37	25	1.14	—	—	—	—
13	0.57	21	0.93	20	0.88	15	0.66	5	0.22	10	0.44	—	—	5	0.22
11	0.95	79	6.80	25	2.15	25	2.15	—	—	15	1.29	—	—	10	0.86
60	1.00	355	5.91	155	2.58	155	2.58	—	—	135	2.25	—	—	20	0.33
185	0.73	1,262	5.01	545	2.16	445	1.77	95	0.38	325	1.29	5	0.01	120	0.48
48	1.57	208	6.81	90	2.95	50	1.64	40	1.31	40	1.31	—	—	10	0.33
16	0.38	155	3.70	75	1.79	65	1.55	10	0.24	55	1.31	—	—	10	0.24
3	0.14	38	1.81	50	2.38	40	1.91	10	0.47	35	1.67	—	—	5	0.24
52	0.90	435	7.53	105	1.82	90	1.56	10	0.17	60	1.04	5	0.09	30	0.52
52	0.70	367	4.99	185	2.51	170	2.31	15	0.20	115	1.56	—	—	55	0.75
14	0.52	59	2.18	40	1.48	30	1.11	10	0.37	20	0.74	—	—	10	0.37
320	0.63	3,882	7.63	1,045	2.05	1,045	2.05	—	—	820	1.61	—	—	225	0.44

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[Rates stated as cases per day]

Tactical operation	Calendar period	Number of U.S. Army regiments	Number of Regiment days	Mean strength	Total hit		Killed in action	
					Number	Rates	Number	Rates
VII. Limited Operations from Defensive Lines (Continued)								
Line KANSAS.....	26 Jul-5 Sep 1951	3	45	3,602	1,781	10.99	311	1.92
Attack on Hills 1059, 1100, 1120, and 1179.....	26-30 Jul 1951	3	15	3,259	360	7.36	43	0.88
Battle of Bloody Ridge (Ridge from Hill 900 to 983).....	27 Aug-5 Sep 1951	3	30	3,774	1,421	12.55	268	2.37
Line HAYS.....	9 Sep-15 Oct 1951	3	96	3,612	3,285	9.47	553	1.59
Attack on Hill 868.....	9-12 Sep 1951	3	12	3,793	318	6.98	48	1.05
First battle of Heartbreak Ridge.....	13-29 Sep 1951	3	51	3,643	1,522	8.19	301	1.62
Second battle of Heartbreak Ridge.....	5-8 Oct 1951	3	6	3,499	244	11.62	30	1.43
Attack on Hills 851, 1220, and adjacent ridges.....	7-15 Oct 1951	3	27	3,499	1,201	12.71	174	1.84
Operations from Lines JAMESTOWN, MISSOURI, and MINNESOTA.....	16 Oct 1951-24 Jul 1953	22	511	3,560	9,206	5.06	1,604	0.88
Line JAMESTOWN—I Corps.....	16 Oct 1951-24 Jul 1953	18	360	3,603	6,656	5.13	1,177	0.91
Operation Polecharge—to secure three hill masses on Line.....	16-18 Oct 1951	3	9	3,822	416	12.09	65	1.89
Attack on Hill 199.....	24-30 Oct 1951	3	21	3,822	831	10.35	99	1.23
Defense of Hill 200.....	5-10 Nov 1951	3	18	3,914	433	6.15	68	0.97
First battle of Porkchop Hill.....	22-25 Nov 1951	3	12	3,670	319	7.24	83	1.88
Operation Clam-up—cease activity to lure enemy patrols.....	10-16 Feb 1952	6	42	3,850	30	0.19	6	0.04
Operation Counter—to secure eleven key terrain features on Outpost Line.....	7-25 Jun 1952	3	57	3,531	970	4.81	188	0.93
First battle of Old Baldy.....	26 Jun-17 Jul 1952	3	66	3,451	395	1.73	86	0.38
Second battle of Old Baldy.....	17-22 Jul 1952	3	18	3,602	362	5.58	70	1.08
Third battle of Old Baldy.....	1-4 Aug 1952	3	12	3,454	111	2.67	18	0.43
Fourth battle of Old Baldy.....	18-21 Sep 1952	3	12	3,394	347	8.52	84	2.06
Defense of Outpost Kelly.....	18-30 Sep 1952	3	39	3,285	396	3.09	53	0.41
Fifth battle of Old Baldy.....	23-26 Mar 1953	3	12	3,130	285	7.58	74	1.97
Third battle of Porkchop Hill ¹	16-18 Apr 1953	3	9	3,188	430	14.98	93	3.24
Defense of Outpost Carson, Elko, and Vegas.....	28-30 May 1953	3	9	4,628	127	3.05	17	0.41
Fourth battle of Porkchop Hill.....	6-11 Jul 1953	3	18	3,926	1,109	15.69	143	2.02
Defense of Outpost Dale and Westview.....	23-24 Jul 1953	3	6	3,926	95	4.03	30	1.27
Line MISSOURI—IX Corps.....	10 Feb-4 Nov 1952	12	117	3,380	2,250	5.68	373	0.94
Operation Clam-up—cease activity to lure enemy patrols.....	10-15 Feb 1952	6	36	3,547	19	0.15	1	0.01
Operation Showdown—to secure Hill 598.....	14-27 Oct 1952	3	42	3,374	1,744	12.31	292	2.06
Defense of Hill 391.....	24-28 Oct 1952	3	15	3,182	111	2.33	16	0.34
Defense of Outpost Charlie and King....	28 Oct-4 Nov 1952	3	24	3,264	376	4.80	64	0.82
Line MINNESOTA—X Corps.....	10 Feb-4 Nov 1952	10	34	3,724	300	2.37	54	0.43
Operation Clam-up—cease activity to lure enemy patrols.....	10-15 Feb 1952	3	18	3,892	43	0.61	5	0.07
Defense of Heartbreak Ridge area.....	6-7 Sep 1952	4	8	3,639	155	5.32	20	0.99
Defense of Heartbreak Ridge area.....	3-4 Nov 1952	4	8	3,431	102	3.72	20	0.73
VIII. Redeploying and regrouping.....	21 Dec 1950-10 Jan 1951	6	96	2,883	39	0.14	16	0.06
IX. Corps or Army Reserve.....	4 Jul 1950-27 Jul 1953	25	3,953	3,542	587	0.04	84	0.01

¹ Second battle of Porkchop Hill fought by French Battalion.

Wounded in action				All nonbattle causes				Disease				Nonbattle injury			
CRO cases		Admissions		Incl. CRO cases		Excl. CRO cases		CRO cases		Admissions		CRO cases		Admissions	
Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates	Number	Rates
133	0.82	1,337	8.25	360	2.22	360	2.22	—	—	275	1.70	—	—	85	0.52
33	0.67	284	5.81	100	2.05	100	2.05	—	—	80	1.64	—	—	20	0.41
100	0.88	1,053	9.30	260	2.29	260	2.29	—	—	195	1.72	—	—	65	0.57
187	0.54	2,545	7.34	685	1.97	685	1.97	—	—	545	1.57	—	—	140	0.40
21	0.46	249	5.47	50	1.10	50	1.10	—	—	50	1.10	—	—	—	—
93	0.50	1,128	6.07	435	2.34	435	2.34	—	—	335	1.80	—	—	100	0.54
19	0.90	195	9.29	45	2.14	45	2.14	—	—	40	1.91	—	—	5	0.23
54	0.57	973	10.30	155	1.64	155	1.64	—	—	120	1.27	—	—	35	0.37
1,177	0.65	6,425	3.53	3,685	2.02	3,275	1.80	370	0.20	2,630	1.45	40	0.02	645	0.35
755	0.58	4,724	3.64	2,790	2.15	2,455	1.89	295	0.23	2,005	1.55	40	0.03	450	0.34
16	0.46	335	9.74	75	2.18	70	2.04	5	0.14	55	1.60	—	—	15	0.44
206	2.57	526	6.55	245	3.05	220	2.74	25	0.31	205	2.55	—	—	15	0.19
86	1.22	279	3.96	260	3.69	240	3.41	20	0.28	205	2.91	—	—	35	0.50
12	0.27	224	5.09	160	3.63	155	3.52	5	0.11	115	2.61	—	—	40	0.91
3	0.02	21	0.13	295	1.82	270	1.67	25	0.15	215	1.33	—	—	55	0.34
13	0.06	769	3.82	360	1.78	355	1.76	5	0.02	310	1.54	—	—	45	0.22
12	0.06	297	1.30	605	2.66	580	2.55	25	0.11	500	2.20	—	—	80	0.35
38	0.58	254	3.92	205	3.16	170	2.62	35	0.54	125	1.93	—	—	45	0.60
24	0.58	69	1.66	25	0.60	10	0.24	15	0.36	5	0.12	—	—	5	0.12
24	0.59	239	5.87	25	0.61	20	0.49	5	0.12	5	0.12	—	—	15	0.37
69	0.54	274	2.14	195	1.52	175	1.36	20	0.16	130	1.01	—	—	45	0.35
32	0.85	179	4.76	75	1.99	25	0.86	50	1.33	5	0.13	—	—	20	0.53
17	0.59	320	11.15	45	1.57	25	0.87	20	0.70	10	0.35	—	—	15	0.52
35	0.84	75	1.80	45	1.08	30	0.72	5	0.12	30	0.72	10	0.24	—	—
158	2.24	808	11.43	150	2.11	95	1.34	25	0.35	80	1.13	30	0.42	15	0.21
10	0.42	55	2.34	25	1.05	15	0.63	10	0.42	10	0.42	—	—	5	0.21
373	0.94	1,504	3.80	660	1.67	610	1.54	50	0.13	450	1.14	—	—	160	0.40
4	0.03	14	0.11	170	1.33	155	1.21	15	0.12	100	0.78	—	—	55	0.43
336	2.37	1,116	7.88	280	1.98	275	1.94	5	0.04	225	1.59	—	—	50	0.35
14	0.29	81	1.70	105	2.19	80	1.67	25	0.52	65	1.36	—	—	15	0.31
19	0.24	293	3.74	105	1.34	100	1.28	5	0.06	60	0.77	—	—	40	0.51
49	0.38	197	1.56	235	1.86	210	1.66	25	0.20	175	1.38	—	—	35	0.28
4	0.05	34	0.49	145	2.07	120	1.71	25	0.36	105	1.50	—	—	15	0.21
30	1.03	96	3.30	55	1.89	55	1.80	—	—	40	1.37	—	—	15	0.52
15	0.55	67	2.44	35	1.27	35	1.27	—	—	30	1.09	—	—	5	0.18
1	0.00	22	0.08	910	3.29	910	3.29	—	—	705	2.55	—	—	205	0.74
190	0.01	313	0.02	23,720	1.70	19,710	1.41	3,930	0.28	16,405	1.17	80	0.01	3,305	0.24