

Supplementary Table 1. Incidence, both sex

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	9,895	21	20.7	1,102	2.34	2.36	2,265	4.8	4.84	13,262	28.1	27.9
	2000	9,913	20.9	20.1	1,056	2.22	2.17	2,122	4.46	4.41	13,091	27.5	26.6
	2001	10,535	22	20.6	1,161	2.42	2.33	2,132	4.45	4.28	13,828	28.9	27.2
	2002	10,729	22.3	20.3	1,450	3.01	2.78	1,817	3.78	3.48	13,996	29.1	26.5
	2003	10,987	22.7	20	1,564	3.24	2.89	1,559	3.23	2.87	14,110	29.2	25.7
	2004	11,274	23.3	19.8	1,848	3.81	3.29	1,376	2.84	2.43	14,498	29.9	25.6
	2005	11,866	24.4	20.2	2,143	4.4	3.65	1,154	2.37	1.98	15,163	31.2	25.8
	2006	11,713	24	19.2	2,278	4.66	3.72	1,006	2.06	1.67	14,997	30.7	24.6
	2007	11,733	23.9	18.5	2,669	5.43	4.17	1,025	2.09	1.61	15,427	31.4	24.3
	2008	11,786	23.9	17.9	2,773	5.61	4.15	1,261	2.55	1.98	15,820	32	24
	2009	12,299	24.8	18	2,901	5.84	4.1	843	1.7	1.27	16,043	32.3	23.4
	2010	12,435	24.9	17.5	2,854	5.72	3.89	936	1.88	1.32	16,225	32.5	22.7
	2011	12,305	24.6	16.7	3,006	6	3.9	1,136	2.27	1.59	16,447	32.8	22.2
	2012	12,084	24	15.8	3,025	6.01	3.78	1,085	2.16	1.45	16,194	32.2	21
	2013	12,085	23.9	15.3	3,045	6.02	3.59	938	1.86	1.23	16,068	31.8	20.1
	2014	11,983	23.6	14.6	3,072	6.05	3.45	922	1.82	1.12	15,977	31.5	19.2
	2015	12,009	23.6	14.1	2,964	5.82	3.21	1,041	2.04	1.25	16,014	31.4	18.5
	2016	11,984	23.5	13.5	2,812	5.5	2.91	1,235	2.42	1.42	16,031	31.4	17.9
	2017	11,844	23.1	12.9	2,831	5.53	2.8	1,079	2.11	1.2	15,754	30.8	16.9
	2018	11,693	22.8	12.3	3,101	6.04	2.93	1,153	2.25	1.23	15,947	31.1	16.4
	2019	11,810	23	12	2,948	5.74	2.72	1,086	2.12	1.15	15,844	30.9	15.9
	2020	11,268	21.9	11	3,024	5.89	2.65	1,090	2.12	1.09	15,382	30	14.7
	2021	11,349	22.1	10.8	2,928	5.7	2.47	1,101	2.14	1.11	15,378	30	14.3
	2022	10,938	21.3	9.95	2,901	5.66	2.34	1,074	2.1	1.1	14,913	29.1	13.4
APC	Period	1999–2005			1999–2008			1999–2006			1999–2010		
	%_1	–0.60 (–1.33, 0.14)			8.03 (6.74, 9.35)			–14.74 (–17.43, –11.97)			–1.69 (–1.93, –1.45)		
	p-value_1	0.104			< 0.001			< 0.001			< 0.001		
	Period	2005–2011			2008–2022			2006–2022			2010–2022		
	%_2	–2.73 (–3.62, –1.84)			–4.25 (–4.71, –3.80)			–3.14 (–4.40, –1.87)			–4.27 (–4.48, –4.07)		
	p-value_2	< 0.001			< 0.001			< 0.001			< 0.001		
	Period	2011–2022											
	%_3	–4.42 (–4.69, –4.14)											
	p-value_3	< 0.001											
AAPC (1999–2022)	%	–2.99 (–3.29, –2.69)			0.38 (–0.14, 0.90)			–6.83 (–7.98, –5.66)			–3.05 (–3.20, –2.90)		
	p-value				0.153			< 0.001			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.

Supplementary Table 2. Incidence, male

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	7,684	32.5	35.3	735	3.1	3.6	1,603	6.77	7.81	10,022	42.3	46.8
	2000	7,810	32.7	34.6	650	2.72	3.08	1,422	5.96	6.79	9,882	41.4	44.5
	2001	8,173	34	34.6	766	3.19	3.51	1,451	6.04	6.74	10,390	43.2	44.9
	2002	8,404	34.8	34.6	911	3.77	3.97	1,198	4.96	5.36	10,513	43.5	43.9
	2003	8,599	35.5	33.7	960	3.96	4.13	1,052	4.34	4.5	10,611	43.8	42.3
	2004	8,890	36.6	33.8	1,155	4.75	4.74	884	3.64	3.6	10,929	44.9	42.1
	2005	9,348	38.3	34.3	1,314	5.38	5.21	768	3.15	3.09	11,430	46.8	42.6
	2006	9,135	37.3	32.3	1,452	5.92	5.49	652	2.66	2.5	11,239	45.9	40.3
	2007	9,130	37.1	31	1,687	6.85	6.15	715	2.9	2.58	11,532	46.8	39.7
	2008	9,297	37.6	30.3	1,716	6.93	5.97	898	3.63	3.1	11,911	48.1	39.3
	2009	9,599	38.6	30.1	1,829	7.35	5.98	564	2.27	1.91	11,992	48.2	38
	2010	9,671	38.7	29.2	1,769	7.08	5.61	626	2.51	1.98	12,066	48.3	36.8
	2011	9,592	38.2	27.7	1,835	7.32	5.56	773	3.08	2.36	12,200	48.6	35.7
	2012	9,565	38	26.7	1,826	7.25	5.28	747	2.97	2.19	12,138	48.2	34.2
	2013	9,548	37.8	25.8	1,875	7.42	5.11	632	2.5	1.8	12,055	47.7	32.7
	2014	9,451	37.3	24.6	1,895	7.47	4.97	603	2.38	1.61	11,949	47.1	31.2
	2015	9,449	37.1	23.7	1,744	6.85	4.33	718	2.82	1.89	11,911	46.8	29.9
	2016	9,378	36.7	22.7	1,726	6.76	4.12	844	3.31	2.13	11,948	46.8	28.9
	2017	9,249	36.2	21.6	1,759	6.88	3.98	748	2.92	1.83	11,756	46	27.4
	2018	9,198	35.9	20.7	1,881	7.35	4.06	796	3.11	1.83	11,875	46.4	26.6
	2019	9,169	35.8	19.9	1,801	7.03	3.76	722	2.82	1.65	11,692	45.7	25.4
	2020	8,712	34	18.3	1,845	7.21	3.66	743	2.9	1.6	11,300	44.1	23.5
	2021	8,821	34.5	17.9	1,798	7.03	3.43	745	2.91	1.65	11,364	44.4	23
	2022	8,483	33.2	16.6	1,755	6.87	3.21	736	2.88	1.61	10,974	43	21.4
APC	Period	1999–2005			1999–2008			1999–2006			1999–2010		
	%_1	−0.72 (−1.39, −0.04)			7.86 (6.46, 9.27)			−15.12 (−18.13, −12.01)			−1.94 (−2.19, −1.68)		
	p-value_1	0.038			< 0.001			< 0.001			< 0.001		
	Period	2005–2013			2008–2022			2006–2022			2010–2022		
	%_2	−3.14 (−3.62, −2.65)			−4.62 (−5.10, −4.13)			−3.40 (−4.73, −2.05)			−4.38 (−4.59, −4.17)		
	p-value_2	< 0.001			< 0.001			< 0.001			< 0.001		
	Period	2013–2022											
	%_3	−4.68 (−5.02, −4.35)											
	p-value_3	< 0.001											
AAPC (1999–2022)	%	−3.13 (−3.38, −2.87)						−7.13 (−8.39, −5.85)			−3.22 (−3.38, −3.07)		
	p-value	< 0.001			0.771			< 0.001			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.

Supplementary Table 3. Incidence, female

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	2,211	9.41	8.36	367	1.56	1.39	662	2.82	2.48	3,240	13.8	12.2
	2000	2,103	8.88	7.67	406	1.72	1.49	700	2.96	2.54	3,209	13.6	11.7
	2001	2,362	9.91	8.42	395	1.66	1.42	681	2.86	2.36	3,438	14.4	12.2
	2002	2,325	9.7	8.01	539	2.25	1.84	619	2.58	2.03	3,483	14.5	11.9
	2003	2,388	9.92	7.94	604	2.51	1.95	507	2.11	1.62	3,499	14.5	11.5
	2004	2,384	9.86	7.64	693	2.87	2.16	492	2.04	1.51	3,569	14.8	11.3
	2005	2,518	10.4	7.77	829	3.42	2.46	386	1.59	1.12	3,733	15.4	11.3
	2006	2,578	10.6	7.71	826	3.39	2.38	354	1.45	0.99	3,758	15.4	11.1
	2007	2,603	10.6	7.52	982	4.01	2.64	310	1.26	0.84	3,895	15.9	11
	2008	2,489	10.1	6.85	1,057	4.29	2.75	363	1.47	1.03	3,909	15.9	10.6
	2009	2,700	10.9	7.16	1,072	4.33	2.64	279	1.13	0.74	4,051	16.4	10.5
	2010	2,764	11.1	7.01	1,085	4.36	2.52	310	1.24	0.78	4,159	16.7	10.3
	2011	2,713	10.8	6.71	1,171	4.68	2.62	363	1.45	0.91	4,247	17	10.2
	2012	2,519	10	5.97	1,199	4.77	2.61	338	1.34	0.79	4,056	16.1	9.37
	2013	2,537	10	5.73	1,170	4.63	2.39	306	1.21	0.72	4,013	15.9	8.85
	2014	2,532	9.97	5.47	1,177	4.64	2.27	319	1.26	0.7	4,028	15.9	8.44
	2015	2,560	10	5.38	1,220	4.79	2.29	323	1.27	0.67	4,103	16.1	8.34
	2016	2,606	10.2	5.18	1,086	4.24	1.96	391	1.53	0.82	4,083	16	7.95
	2017	2,595	10.1	4.92	1,072	4.18	1.83	331	1.29	0.64	3,998	15.6	7.38
	2018	2,495	9.71	4.58	1,220	4.75	1.99	357	1.39	0.71	4,072	15.9	7.28
	2019	2,641	10.3	4.69	1,147	4.46	1.85	364	1.41	0.72	4,152	16.1	7.26
	2020	2,556	9.93	4.33	1,179	4.58	1.81	347	1.35	0.64	4,082	15.9	6.78
	2021	2,528	9.82	4.2	1,130	4.39	1.64	356	1.38	0.63	4,014	15.6	6.46
	2022	2,455	9.55	3.81	1,146	4.46	1.6	338	1.31	0.63	3,939	15.3	6.05
APC	Period	1999–2009			1999–2008			1999–2001			1999–2010		
	%_1	–1.57 (–2.33, –0.81)			8.39 (6.56, 10.25)			–3.07 (–17.70, 14.16)			–1.56 (–1.96, –1.16)		
	p-value_1	< 0.001			< 0.001			0.692			< 0.001		
	Period	2009–2022			2008–2022			2001–2007			2010–2022		
	%_2	–4.53 (–5.02, –4.03)			–4.00 (–4.63, –3.36)			–15.39 (–19.19, –11.41)			–4.27 (–4.61, –3.92)		
	p-value_2	< 0.001			< 0.001			< 0.001			< 0.001		
	Period	2007–2022											
	%_3	–2.14 (–3.34, –0.92)											
	p-value_3	0.002											
AAPC (1999–2022)	%	–3.25 (–3.65, –2.85)			0.67 (–0.06, 1.41)			–5.86 (–7.61, –4.08)			–2.98 (–3.23, –2.74)		
	p-value	< 0.001			0.072			< 0.001			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.

Supplementary Table 4. Mortality, both sex

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	9,290	19.7	19.5	474	1.0	1.0	3	0.0	0.0	9,767	20.7	20.6
	2000	9,495	20.0	19.4	587	1.2	1.2	55	0.1	0.1	10,137	21.3	20.7
	2001	9,450	19.7	18.6	701	1.5	1.4	48	0.1	0.1	10,199	21.3	20.1
	2002	9,514	19.8	18.0	1,454	3.0	2.8	149	0.3	0.3	11,117	23.1	21.1
	2003	9,371	19.4	17.1	1,440	3.0	2.6	155	0.3	0.3	10,966	22.7	20
	2004	9,301	19.2	16.4	1,455	3.0	2.5	159	0.3	0.3	10,915	22.5	19.2
	2005	9,352	19.2	15.9	1,539	3.2	2.6	45	0.1	0.1	10,936	22.5	18.6
	2006	9,188	18.8	15.0	1,707	3.5	2.8	55	0.1	0.1	10,950	22.4	17.9
	2007	9,090	18.5	14.3	1,979	4.0	3.1	121	0.3	0.2	11,190	22.8	17.5
	2008	9,014	18.3	13.6	2,109	4.3	3.1	169	0.3	0.3	11,292	22.9	16.9
	2009	9,068	18.3	13.1	2,001	4.0	2.8	177	0.4	0.3	11,246	22.7	16.2
	2010	8,653	17.4	12.0	2,352	4.7	3.1	200	0.4	0.3	11,205	22.5	15.4
	2011	8,395	16.8	11.2	2,407	4.8	3.1	144	0.3	0.2	10,946	21.8	14.5
	2012	8,589	17.1	11.0	2,567	5.1	3.1	179	0.4	0.3	11,335	22.5	14.4
	2013	8,663	17.1	10.6	2,571	5.1	3.0	171	0.3	0.2	11,405	22.6	13.8
	2014	8,747	17.2	10.3	2,628	5.2	2.9	191	0.4	0.2	11,566	22.8	13.4
	2015	8,454	16.6	9.5	2,643	5.2	2.8	214	0.4	0.2	11,311	22.2	12.6
	2016	8,218	16.1	8.9	2,557	5.0	2.5	226	0.4	0.2	11,001	21.5	11.7
	2017	8,046	15.7	8.3	2,397	4.7	2.3	278	0.5	0.3	10,721	20.9	10.9
	2018	7,878	15.4	7.8	2,432	4.7	2.2	301	0.6	0.3	10,611	20.7	10.2
	2019	7,794	15.2	7.4	2,551	5.0	2.2	241	0.5	0.2	10,586	20.6	9.87
	2020	7,732	15.1	7.0	2,590	5.0	2.1	243	0.5	0.2	10,565	20.6	9.39
	2021	7,549	14.7	6.6	2,431	4.7	1.9	275	0.5	0.2	10,255	20	8.76
	2022	7,438	14.5	6.2	2,520	4.9	1.9	254	0.5	0.2	10,212	19.9	8.37
APC	Period	1999–2002			1999–2002			1999–2002			1999–2002		
	%_1	–2.69 (–4.64, –0.71)			42.96 (27.17, 60.72)			73.47 (–40.36, 404.55)			0.68 (–1.22, 2.62)		
	<i>p</i> -value_1	0.011			< 0.001			0.294			0.460		
	Period	2002–2014			2002–2012			2002–2022			2002–2014		
	%_2	–4.80 (–5.06, –4.53)			2.19 (0.97, 3.42)			–0.41 (–2.28, 1.50)			–3.70 (–3.94, –3.47)		
	<i>p</i> -value_2	< 0.001			0.002			0.658			< 0.001		
	Period	2014–2022			2012–2022						2014–2022		
	%_3	–5.84 (–6.31, –5.37)			–5.20 (–6.05, –4.35)						–5.74 (–6.13, –5.35)		
	<i>p</i> -value_3	< 0.001			< 0.001						< 0.001		
AAPC (1999–2022)		AAPC			3.34 (1.76, 4.93)			7.07 (–6.11, 22.09)			–3.86 (–4.14, –3.58)		
		<i>p</i> -value			< 0.001			0.308			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.

Supplementary Table 5. Mortality, male

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	7,218	30.5	34.0	300	1.3	1.6	1	0.0	0.0	7,519	31.8	35.5
	2000	7,381	30.9	33.7	359	1.5	1.8	27	0.1	0.1	7,767	32.6	35.6
	2001	7,296	30.4	32.0	403	1.7	2.0	22	0.1	0.1	7,721	32.1	34.1
	2002	7,395	30.6	31.1	913	3.8	4.1	98	0.4	0.4	8,406	34.8	35.7
	2003	7,242	29.9	29.2	879	3.6	3.8	106	0.4	0.5	8,227	34	33.5
	2004	7,238	29.8	28.1	875	3.6	3.7	120	0.5	0.5	8,233	33.9	32.2
	2005	7,289	29.9	27.4	911	3.7	3.7	29	0.1	0.1	8,229	33.7	31.2
	2006	7,214	29.4	25.9	1,034	4.2	4.0	37	0.2	0.1	8,285	33.8	30.1
	2007	7,111	28.9	24.5	1,218	5.0	4.5	88	0.4	0.4	8,417	34.2	29.4
	2008	7,096	28.7	23.6	1,302	5.3	4.6	114	0.5	0.4	8,512	34.4	28.5
	2009	7,084	28.5	22.6	1,227	4.9	4.1	118	0.5	0.4	8,429	33.9	27.1
	2010	6,793	27.2	20.8	1,415	5.7	4.5	142	0.6	0.5	8,350	33.4	25.8
	2011	6,641	26.5	19.4	1,486	5.9	4.5	99	0.4	0.3	8,226	32.8	24.3
	2012	6,814	27.1	19.2	1,558	6.2	4.5	122	0.5	0.4	8,494	33.7	24.1
	2013	6,798	26.9	18.4	1,521	6.0	4.2	102	0.4	0.3	8,421	33.3	22.9
	2014	6,945	27.4	18.0	1,550	6.1	4.0	121	0.5	0.3	8,616	34	22.4
	2015	6,686	26.3	16.7	1,572	6.2	3.9	124	0.5	0.3	8,382	32.9	20.9
	2016	6,435	25.2	15.4	1,472	5.8	3.5	137	0.5	0.3	8,044	31.5	19.2
	2017	6,318	24.7	14.5	1,459	5.7	3.3	205	0.8	0.5	7,982	31.2	18.3
	2018	6,167	24.1	13.5	1,422	5.6	3.0	201	0.8	0.4	7,790	30.4	17
	2019	6,105	23.8	12.9	1,522	5.9	3.1	157	0.6	0.3	7,784	30.4	16.4
	2020	6,084	23.8	12.4	1,560	6.1	3.0	168	0.7	0.3	7,812	30.5	15.7
	2021	5,854	22.9	11.4	1,499	5.9	2.8	171	0.7	0.3	7,524	29.4	14.5
	2022	5,746	22.5	10.8	1,498	5.9	2.7	179	0.7	0.4	7,423	29.1	13.8
APC	Period	1999–2014			1999–2002			1999–2002			1999–2002		
	%_1	−4.51 (−4.71, −4.30)			40.71 (23.30, 60.58)			96.55 (−56.08, 779.49)			−0.19 (−2.29, 1.94)		
	<i>p</i> -value_1	< 0.001			< 0.001			0.357			0.848		
	Period	2014–2022			2002–2011			2002–2022			2002–2014		
	%_2	−5.99 (−6.55, −5.43)			2.62 (0.99, 4.27)			−0.65 (−2.66, 1.39)			−3.79 (−4.05, −3.53)		
	<i>p</i> -value_2	< 0.001			0.003			0.508			< 0.001		
	Period				2011–2022						2014–2022		
	%_3				−5.00 (−5.79, −4.20)						−5.80 (−6.23, −5.37)		
	<i>p</i> -value_3				< 0.001						< 0.001		
AAPC (1999–2022)		AAPC			3.06 (1.29, 4.86)			8.59 (−9.64, 30.50)			−4.04 (−4.35, −3.73)		
		<i>p</i> -value			0.001			0.379			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.

Supplementary Table 6. Mortality, female

		C22.0 (HCC)			C22.1 (IHBD)			C22 others (liver cancer others)			C22 total		
		Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR	Cases	CR	ASR
Year	1999	2,072	8.8	7.7	174	0.7	0.6	2	0.0	0.0	2,248	9.57	8.38
	2000	2,114	8.9	7.6	228	1.0	0.8	28	0.1	0.1	2,370	10	8.52
	2001	2,154	9.0	7.5	298	1.3	1.0	26	0.1	0.1	2,478	10.4	8.58
	2002	2,119	8.8	7.1	541	2.3	1.7	51	0.2	0.2	2,711	11.3	9.05
	2003	2,129	8.8	6.9	561	2.3	1.8	49	0.2	0.2	2,739	11.4	8.83
	2004	2,063	8.5	6.4	580	2.4	1.7	39	0.2	0.1	2,682	11.1	8.23
	2005	2,063	8.5	6.1	628	2.6	1.8	16	0.1	0.1	2,707	11.2	7.99
	2006	1,974	8.1	5.7	673	2.8	1.8	18	0.1	0.1	2,665	10.9	7.57
	2007	1,979	8.1	5.5	761	3.1	2.0	33	0.1	0.1	2,773	11.3	7.55
	2008	1,918	7.8	5.0	807	3.3	2.0	55	0.2	0.1	2,780	11.3	7.2
	2009	1,984	8.0	4.9	774	3.1	1.8	59	0.2	0.2	2,817	11.4	6.92
	2010	1,860	7.5	4.4	937	3.8	2.1	58	0.2	0.1	2,855	11.5	6.64
	2011	1,754	7.0	4.0	921	3.7	2.0	45	0.2	0.1	2,720	10.9	6.11
	2012	1,775	7.1	3.9	1,009	4.0	2.1	57	0.2	0.1	2,841	11.3	6.07
	2013	1,865	7.4	3.9	1,050	4.2	2.1	69	0.3	0.1	2,984	11.8	6.06
	2014	1,802	7.1	3.5	1,078	4.3	2.0	70	0.3	0.2	2,950	11.6	5.6
	2015	1,768	6.9	3.3	1,071	4.2	1.9	90	0.4	0.2	2,929	11.5	5.4
	2016	1,783	7.0	3.2	1,085	4.2	1.8	89	0.4	0.2	2,957	11.6	5.2
	2017	1,728	6.7	2.9	938	3.7	1.5	73	0.3	0.1	2,739	10.7	4.52
	2018	1,711	6.7	2.7	1,010	3.9	1.5	100	0.4	0.2	2,821	11	4.35
	2019	1,689	6.6	2.6	1,029	4.0	1.5	84	0.3	0.1	2,802	10.9	4.21
	2020	1,648	6.4	2.3	1,030	4.0	1.5	75	0.3	0.1	2,753	10.7	3.89
	2021	1,695	6.6	2.3	932	3.6	1.2	104	0.4	0.1	2,731	10.6	3.7
	2022	1,692	6.6	2.2	1,022	4.0	1.3	75	0.3	0.1	2,789	10.8	3.6
APC	Period	1999–2002			1999–2002			1999–2002			1999–2002		
	%_1	–2.18 (–5.06, 0.79)			44.38 (25.94, 65.53)			0.57 (–1.29, 2.47)			2.70 (–0.98, 6.52)		
	<i>p</i> -value_1	0.139			< 0.001			0.535			0.141		
	Period	2002–2022			2002–2013						2002–2014		
	%_2	–5.91 (–6.08, –5.74)			1.96 (0.75, 3.19)						–3.80 (–4.24, –3.35)		
	<i>p</i> -value_2	< 0.001			0.003						< 0.001		
	Period				2013–2022						2014–2022		
	%_3				–5.81 (–6.98, –4.63)						–5.81 (–6.55, –5.07)		
	<i>p</i> -value_3				< 0.001						< 0.001		
AAPC (1999–2022)	AAPC	–5.43 (–5.80, –5.06)			3.43 (1.60, 5.30)			0.57 (–1.29, 2.47)			–3.69 (–4.22, –3.15)		
	<i>p</i> -value	< 0.001			< 0.001			0.535			< 0.001		

HCC, hepatocellular carcinoma; IHBD, intrahepatic bile duct; CR, crude rate; ASR, age-standardized rate; APC, annual percent change; AAPC, average APC.