

SUPPLEMENTARY TABLES

Supplementary Table 1. Age-specific incidence and mortality rates of Hodgkin lymphoma by age and sex in 2019 (per 100,000 population).

Age groups (year)	Incidence			Mortality		
	Both	Male	Female	Both	Male	Female
0–	0.00	0.00	0.00	0.00	0.00	0.00
1–	0.18 (0.14–0.27)	0.17 (0.11–0.29)	0.20 (0.14–0.32)	0.02 (0.01–0.03)	0.02 (0.01–0.03)	0.02 (0.02–0.03)
5–	0.24 (0.17–0.32)	0.33 (0.23–0.48)	0.13 (0.10–0.16)	0.02 (0.02–0.03)	0.03 (0.02–0.05)	0.01 (0.01–0.02)
10–	0.17 (0.13–0.23)	0.21 (0.15–0.32)	0.12 (0.09–0.18)	0.02 (0.02–0.03)	0.02 (0.02–0.04)	0.01 (0.01–0.02)
15–	0.46 (0.35–0.59)	0.54 (0.36–0.73)	0.37 (0.27–0.54)	0.04 (0.03–0.05)	0.05 (0.03–0.06)	0.03 (0.02–0.05)
20–	0.63 (0.48–0.84)	0.80 (0.52–1.07)	0.46 (0.31–0.69)	0.06 (0.05–0.08)	0.07 (0.05–0.10)	0.04 (0.03–0.07)
25–	0.48 (0.38–0.63)	0.59 (0.40–0.80)	0.37 (0.24–0.57)	0.06 (0.05–0.08)	0.07 (0.05–0.10)	0.05 (0.03–0.07)
30–	0.56 (0.42–0.71)	0.77 (0.49–1.01)	0.35 (0.24–0.53)	0.08 (0.06–0.10)	0.10 (0.07–0.14)	0.05 (0.04–0.07)
35–	0.47 (0.35–0.60)	0.63 (0.41–0.85)	0.31 (0.21–0.46)	0.08 (0.06–0.10)	0.10 (0.07–0.14)	0.05 (0.04–0.07)
40–	0.53 (0.38–0.67)	0.70 (0.46–0.95)	0.35 (0.23–0.49)	0.10 (0.08–0.13)	0.13 (0.09–0.18)	0.07 (0.05–0.09)
45–	0.53 (0.38–0.68)	0.73 (0.48–1.01)	0.31 (0.20–0.43)	0.11 (0.09–0.15)	0.16 (0.11–0.23)	0.07 (0.05–0.09)
50–	0.73 (0.52–0.92)	0.95 (0.60–1.30)	0.50 (0.33–0.69)	0.27 (0.20–0.34)	0.23 (0.15–0.31)	0.12 (0.08–0.16)
55–	0.83 (0.59–1.06)	1.14 (0.74–1.57)	0.52 (0.33–0.72)	0.37 (0.27–0.47)	0.36 (0.24–0.50)	0.17 (0.11–0.23)
60–	1.05 (0.73–1.33)	1.46 (0.90–1.95)	0.64 (0.38–0.87)	0.54 (0.39–0.67)	0.52 (0.36–0.70)	0.23 (0.15–0.31)
65–	1.19 (0.83–1.49)	1.61 (0.97–2.14)	0.79 (0.50–1.08)	0.74 (0.54–0.90)	0.73 (0.47–0.99)	0.37 (0.24–0.49)
70–	1.33 (0.91–1.63)	1.80 (1.09–2.37)	0.87 (0.53–1.16)	0.91 (0.70–1.23)	1.00 (0.64–1.32)	0.50 (0.32–0.66)
75–	1.63 (1.07–2.01)	2.10 (1.21–2.72)	1.21 (0.73–1.62)	0.91 (0.63–1.12)	1.16 (0.71–1.53)	0.69 (0.43–0.90)
80–	2.19 (1.38–2.72)	2.95 (1.63–3.90)	1.59 (0.94–2.14)	1.05 (0.69–1.28)	1.39 (0.81–1.80)	0.78 (0.48–1.04)
85–	2.63 (1.63–3.29)	4.47 (2.39–5.82)	1.64 (0.92–2.20)	1.26 (0.82–1.52)	2.10 (1.21–2.69)	0.80 (0.48–1.07)
90–	5.99 (3.25–8.28)	13.21 (6.15–19.23)	4.49 (2.22–6.66)	0.86 (0.50–1.13)	1.76 (0.86–2.40)	0.68 (0.35–0.94)
95–	4.92 (2.38–7.44)	11.98 (5.25–20.89)	4.30 (1.91–6.68)	0.81 (0.41–1.18)	1.31 (0.60–1.93)	0.77 (0.37–1.14)

Data in parentheses are 95% uncertainty intervals.

Supplementary Table 2. Age-specific incidence and mortality rates of non-Hodgkin lymphoma by age and sex in 2019 (per 100,000 population).

Age groups (year)	Incidence			Mortality		
	Both	Male	Female	Both	Male	Female
0–	0.00	0.00	0.00	0.00	0.00	0.00
1–	0.00	0.00	0.00	0.28 (0.22–0.37)	0.31 (0.23–0.41)	0.26 (0.21–0.33)
5–	1.77 (1.44–2.21)	2.28 (1.78–2.95)	1.18 (0.98–1.45)	0.29 (0.24–0.36)	0.38 (0.30–0.48)	0.19 (0.16–0.23)
10–	1.53 (1.28–1.84)	1.81 (1.43–2.31)	1.21 (1.00–1.44)	0.26 (0.22–0.30)	0.31 (0.25–0.38)	0.20 (0.17–0.24)
15–	2.24 (1.85–2.70)	2.79 (2.14–3.60)	1.62 (1.36–1.95)	0.39 (0.32–0.46)	0.49 (0.37–0.61)	0.27 (0.23–0.32)
20–	1.81 (1.48–2.24)	2.31 (1.79–2.97)	1.27 (0.97–1.65)	0.53 (0.44–0.64)	0.68 (0.54–0.87)	0.35 (0.27–0.45)
25–	1.88 (1.56–2.29)	2.45 (1.97–3.06)	1.29 (0.94–1.71)	0.55 (0.47–0.65)	0.72 (0.59–0.88)	0.37 (0.28–0.48)
30–	2.40 (2.00–2.93)	3.16 (2.54–3.94)	1.63 (1.22–2.15)	0.72 (0.61–0.84)	0.96 (0.78–1.17)	0.48 (0.36–0.61)
35–	3.24 (2.70–3.95)	4.22 (3.32–5.36)	2.23 (1.67–2.89)	1.00 (0.84–1.18)	1.30 (1.04–1.61)	0.68 (0.51–0.86)
40–	3.01 (2.44–3.68)	3.99 (3.08–5.15)	1.99 (1.53–2.55)	1.43 (1.18–1.71)	1.92 (1.49–2.41)	0.93 (0.71–1.17)
45–	4.15 (3.30–5.16)	5.81 (4.35–7.70)	2.43 (1.85–3.12)	2.02 (1.64–2.47)	2.85 (2.15–3.69)	1.16 (0.90–1.46)
50–	6.59 (5.23–8.18)	9.24 (6.87–12.20)	3.91 (2.99–5.03)	3.22 (2.60–3.94)	4.55 (3.42–5.85)	1.88 (1.46–2.40)
55–	9.98 (7.93–12.35)	13.91 (10.39–18.30)	6.00 (4.63–7.67)	4.87 (3.93–5.96)	6.83 (5.17–8.75)	2.89 (2.26–3.67)
60–	12.76 (10.31–15.49)	17.06 (12.92–21.82)	8.43 (6.55–10.72)	6.51 (5.41–7.77)	8.73 (6.75–11.08)	4.27 (3.38–5.33)
65–	18.14 (14.89–22.02)	24.14 (18.64–30.52)	12.34 (9.81–15.65)	9.25 (7.75–10.86)	12.34 (9.76–15.39)	6.26 (5.00–7.69)
70–	25.70 (21.06–30.95)	34.43 (26.73–43.40)	17.39 (13.81–21.99)	13.08 (11.11–15.43)	17.55 (13.96–21.90)	8.82 (7.14–10.76)
75–	29.09 (24.21–34.64)	37.95 (30.31–46.80)	21.11 (16.65–26.37)	14.78 (12.61–17.21)	19.26 (15.61–23.61)	10.74 (8.71–13.06)
80–	25.42 (21.45–30.02)	34.37 (27.92–41.69)	18.42 (14.42–22.77)	17.13 (14.66–19.76)	23.09 (19.03–27.68)	12.46 (10.04–14.92)
85–	32.75 (27.51–38.41)	54.62 (45.78–63.72)	20.97 (16.21–26.45)	21.82 (18.70–24.78)	36.47 (31.13–42.12)	13.93 (10.86–16.98)
90–	28.04 (22.16–33.24)	54.21 (44.12–65.19)	22.60 (17.13–27.90)	18.39 (14.96–21.36)	35.61 (29.59–41.70)	14.81 (11.27–17.86)
95–	28.52 (21.26–35.73)	49.97 (40.55–59.70)	26.63 (19.08–34.22)	18.66 (14.07–22.44)	31.02 (25.12–36.64)	17.57 (12.71–21.54)

Data in parentheses are 95% uncertainty intervals.

Supplementary Table 3. Age-standardized incidence, mortality and prevalence rates of lymphoma by province of China in 2019 (per 100,000 population).

Province	Hodgkin lymphoma			Non-Hodgkin lymphoma		
	Incidence	Mortality	Prevalence	Incidence	Mortality	Prevalence
Anhui	0.58 (0.41–0.75)	0.15 (0.10–0.19)	3.95 (2.83–5.13)	5.67 (4.44–7.07)	2.61 (2.07–3.23)	26.55 (19.82–34.92)
Beijing	0.76 (0.52–0.97)	0.11 (0.07–0.14)	5.96 (4.14–7.68)	6.29 (5.04–7.62)	2.38 (1.93–2.88)	35.36 (26.87–44.82)
Chongqing	0.51 (0.37–0.80)	0.12 (0.09–0.19)	3.60 (2.54–5.62)	5.34 (4.15–6.81)	2.41 (1.89–3.04)	25.68 (18.89–34.30)
Fujian	0.60 (0.45–0.78)	0.13 (0.09–0.16)	4.30 (3.22–5.76)	5.35 (4.33–6.63)	2.33 (1.89–2.84)	26.37 (19.83–34.13)
Gansu	0.30 (0.21–0.50)	0.13 (0.09–0.22)	1.57 (1.04–2.70)	3.52 (2.87–4.36)	2.02 (1.65–2.43)	9.48 (6.50–13.03)
Guangdong	0.52 (0.39–0.68)	0.11 (0.08–0.14)	3.81 (2.85–4.99)	3.87 (3.12–4.77)	1.66 (1.37–2.00)	16.65 (12.06–22.04)
Guangxi	0.44 (0.33–0.61)	0.16 (0.12–0.21)	2.59 (1.91–3.61)	4.39 (3.44–5.44)	2.29 (1.78–2.87)	15.64 (10.88–21.22)
Guizhou	0.24 (0.14–0.49)	0.13 (0.07–0.25)	1.06 (0.58–2.22)	3.67 (2.76–4.81)	2.35 (1.80–3.06)	7.62 (4.52–11.14)
Hainan	0.33 (0.20–0.56)	0.12 (0.08–0.19)	1.94 (1.19–3.42)	4.11 (3.16–5.17)	2.16 (1.71–2.69)	14.50 (10.14–19.56)
Hebei	0.73 (0.41–0.99)	0.21 (0.12–0.29)	4.79 (2.69–6.63)	5.64 (4.54–6.98)	2.67 (2.14–3.23)	23.01 (16.85–30.72)
Heilongjiang	0.59 (0.43–0.78)	0.16 (0.11–0.21)	3.92 (2.87–5.31)	4.59 (3.69–5.69)	2.16 (1.77–2.63)	19.35 (14.20–25.59)
Henan	0.52 (0.39–0.72)	0.13 (0.10–0.18)	3.50 (2.61–5.00)	4.04 (3.28–5.05)	1.85 (1.48–2.28)	16.53 (11.57–22.26)
Hubei	0.57 (0.40–0.75)	0.15 (0.10–0.20)	3.86 (2.73–5.12)	5.26 (4.15–6.71)	2.45 (1.96–3.05)	23.79 (17.66–31.24)
Hunan	0.41 (0.30–0.62)	0.13 (0.10–0.20)	2.49 (1.81–3.85)	5.65 (4.61–7.00)	2.84 (2.27–3.49)	23.67 (17.79–30.94)
Inner Mongolia	0.44 (0.31–0.73)	0.12 (0.08–0.19)	2.98 (2.04–5.03)	5.51 (4.40–6.82)	2.59 (2.07–3.19)	24.63 (18.56–32.53)
Jiangsu	0.80 (0.48–1.10)	0.15 (0.08–0.21)	5.97 (3.62–8.16)	5.92 (4.59–7.55)	2.45 (1.92–3.07)	30.52 (22.58–39.83)
Jiangxi	0.46 (0.34–0.58)	0.16 (0.12–0.20)	2.71 (2.02–3.58)	4.17 (3.36–5.12)	2.14 (1.75–2.60)	15.77 (11.43–20.97)
Jilin	0.55 (0.41–0.71)	0.14 (0.10–0.17)	3.81 (2.80–5.04)	5.14 (4.26–6.35)	2.31 (1.98–2.81)	24.38 (18.72–32.03)
Liaoning	0.83 (0.49–1.10)	0.18 (0.10–0.24)	6.02 (3.60–7.91)	6.67 (5.37–8.27)	2.86 (2.32–3.53)	34.85 (26.59–45.51)
Ningxia	0.41 (0.29–0.66)	0.13 (0.09–0.20)	2.63 (1.80–4.37)	4.25 (3.34–5.27)	2.10 (1.64–2.62)	15.87 (11.49–21.08)
Qinghai	0.25 (0.14–0.51)	0.14 (0.08–0.29)	0.98 (0.51–2.09)	3.74 (2.94–4.68)	2.51 (1.98–3.08)	6.63 (4.08–9.84)
Shaanxi	0.40 (0.28–0.62)	0.13 (0.09–0.19)	2.53 (1.71–4.03)	4.33 (3.35–5.52)	2.16 (1.66–2.68)	17.11 (11.99–23.12)
Shandong	0.67 (0.48–0.85)	0.13 (0.09–0.16)	4.92 (3.54–6.32)	4.48 (3.57–5.55)	1.85 (1.50–2.26)	21.42 (15.37–27.65)
Shanghai	0.63 (0.45–0.84)	0.10 (0.07–0.13)	4.88 (3.54–6.55)	6.87 (5.49–8.40)	2.75 (2.21–3.33)	38.57 (29.69–49.20)
Shanxi	0.46 (0.32–0.72)	0.12 (0.09–0.19)	3.12 (2.11–4.99)	5.44 (4.19–6.74)	2.55 (1.96–3.13)	24.69 (18.03–32.43)

Sichuan	0.49 (0.36–0.67)	0.15 (0.12–0.21)	3.07 (2.24–4.36)	5.55 (4.38–6.95)	2.76 (2.22–3.43)	22.90 (16.77–30.97)
Tianjin	0.68 (0.49–0.88)	0.12 (0.08–0.15)	5.15 (3.81–6.75)	6.73 (5.39–8.30)	2.73 (2.18–3.29)	36.88 (27.86–46.98)
Tibet	0.25 (0.14–0.51)	0.20 (0.11–0.40)	0.53 (0.29–1.08)	3.01 (2.34–3.81)	2.72 (2.11–3.39)	2.12 (0.73–3.93)
Xinjiang	0.50 (0.32–0.66)	0.26 (0.17–0.34)	2.19 (1.37–3.00)	3.90 (3.20–4.86)	2.45 (2.00–3.02)	8.78 (5.72–12.55)
Yunnan	0.30 (0.20–0.52)	0.15 (0.10–0.25)	1.39 (0.89–2.46)	3.52 (2.85–4.33)	2.17 (1.78–2.65)	8.58 (5.68–11.99)
Zhejiang	1.02 (0.50–1.45)	0.18 (0.08–0.25)	7.71 (3.87–10.92)	4.68 (3.82–5.73)	1.89 (1.52–2.29)	23.17 (17.39–30.12)
Hong Kong*	1.10 (0.65–1.54)	0.11 (0.07–0.15)	8.83 (5.23–12.51)	5.25 (3.94–7.03)	2.13 (1.60–2.83)	27.69 (19.36–37.78)
Macao*	1.29 (0.59–1.94)	0.13 (0.06–0.20)	10.36 (4.76–15.60)	4.17 (3.09–5.60)	1.63 (1.21–2.18)	21.13 (14.69–29.02)

*Special administrative regions. Data in parentheses are 95% uncertainty intervals.