

Supplementary File

Burden of visual impairment associated with eye diseases: an exploratory survey of 298 Chinese patients

Appendix 2 Annual direct costs of different visual impaired patients in China.

Characteristics	Direct medical costs (USD)				Direct non-medical costs (USD)						Total direct costs (USD)	
	Outpatient	Inpatient	Self-purchased drugs	Total	Long-term home care	Transportation	Food or accommodation	Escort	Nutrition or assistive devices	Home modifications		Total
Total	3,408.5	1,369.5	131.8	4,909.8	1,216.6	149.8	176.7	161.1	277.1	97.5	2,078.8	6,988.6
Age												
19-50 years old	2,009.3	3,572.4	211.5	5,793.2	1,269.1	248.1	407.7	249.6	77.8	43.2	2,295.5	8,088.7
51-70 years old	3,479.0	1,062.6	156.3	4,697.9	963.7	161.1	216.6	178.5	226.3	75.3	1,821.6	6,519.6
71-90 years old	3,749.9	1,014.6	85.8	4,850.3	1,437.2	110.6	72.4	119.1	382.4	134.0	2,255.7	7,106.0
Gender												
Male	3,321.3	1,860.7	98.6	5,280.6	1,069.2	130.7	132.7	179.2	300.4	118.4	1,930.6	7,211.2
Female	3,487.8	922.4	162.0	4,572.3	1,350.8	167.2	216.9	144.6	255.8	78.5	2,213.8	6,786.0
Ethnicity												
Han	3,404.2	1,325.0	130.2	4,859.4	1,039.7	135.5	166.1	167.0	250.6	86.5	1,845.5	6,704.8
Minority	3,468.1	1,988.2	154.7	5,611.0	3,675.2	348.7	324.7	78.2	645.0	250.4	5,322.3	10,933.2
Educational level												
Primary and below	2,924.6	991.6	85.3	4,001.6	2,331.9	173.9	138.3	96.1	146.7	51.3	2,938.2	6,939.8
Middle and high school	3,894.0	1,440.2	174.5	5,508.7	887.0	134.9	163.0	210.6	237.4	117.8	1,750.8	7,259.6
College and above	2,778.4	1,598.7	80.5	4,457.7	822.8	159.4	248.9	113.2	505.8	98.3	1,948.5	6,406.2
Occupation												
Management personnel	5,325.1	2,859.9	131.6	8,316.6	840.4	125.8	115.9	149.4	274.8	38.4	1,544.7	9,861.3
Professional personnel	3,924.7	1,129.7	137.3	5,191.6	1,035.5	182.0	281.2	207.9	503.9	111.5	2,322.1	7,513.7
General staff	2,751.8	1,414.9	97.5	4,264.1	1,592.0	156.1	136.3	97.0	211.6	109.5	2,302.4	6,566.5
Farmer	3,246.6	483.0	137.8	3,867.3	1,036.3	128.3	141.2	147.0	127.0	32.6	1,612.5	5,479.8
Other professions	2,467.8	2,635.3	146.8	5,249.9	2,731.9	172.9	242.8	226.6	531.3	275.9	4,181.6	9,431.4
Unemployed	2,536.8	1,487.3	204.9	4,229.1	758.8	100.0	119.8	242.1	40.4	144.4	1,405.7	5,634.8
Marital status												
Unmarried	869.9	1,715.0	172.2	2,757.1	1,922.0	78.0	59.7	71.5	120.7	79.4	2,331.4	5,088.5
Married	3,848.2	1,309.6	124.8	5,282.7	1,094.4	162.2	197.0	176.6	304.2	100.6	2,035.1	7,317.8
Living status												
Alone	1,546.6	1,218.0	138.6	2,903.2	1,015.9	82.9	39.2	126.8	158.1	95.8	1,518.7	4,422.0
With family	3,514.1	1,378.1	131.4	5,023.6	1,228.0	153.6	184.6	163.0	283.8	97.6	2,110.6	7,134.3

Characteristics	Direct medical costs (USD)				Direct non-medical costs (USD)							Total direct costs (USD)
	Outpatient	Inpatient	Self-purchased drugs	Total	Long-term home care	Transportation	Food or accommodation	Escort	Nutrition or assistive devices	Home modifications	Total	
Current residence												
Urban	3,463.3	1,411.9	105.2	4,980.5	1,347.2	143.6	176.7	136.5	319.9	111.6	2,235.7	7,216.1
Rural	3,268.7	1,261.5	199.5	4,729.8	883.8	165.5	176.9	223.8	167.8	61.5	1,679.8	6,409.1
Medical insurance												
None	298.9	4,249.6	202.1	4,750.5	4,078.8	192.6	147.0	180.2	154.5	151.8	4,905.0	9,655.5
NCMS	3,488.4	1,208.2	209.3	4,905.9	881.5	156.2	173.2	233.0	96.9	42.8	1,583.8	6,489.6
URBMI	3,258.8	359.3	65.0	3,683.1	1,061.2	71.0	23.5	86.2	103.0	25.0	1,370.0	5,053.1
UEBMI	3,351.3	1,658.9	123.1	5,133.3	1,251.4	181.4	225.9	115.2	326.5	112.1	2,212.4	7,345.7
GMI	3,924.8	1,368.5	92.1	5,385.3	1,585.7	128.4	183.4	252.0	500.4	195.1	2,845.0	8,230.3
CMI	4,160.8	888.9	85.7	5,135.4	311.7	104.2	197.8	130.1	653.7	130.1	1,527.6	6,663.0
level of VI												
Moderate VI	3,120.7	853.8	118.6	4,093.1	916.4	142.4	138.5	125.9	222.0	65.3	1,610.4	5,703.5
Severe VI	4,479.9	1,694.5	147.5	6,321.8	1,793.8	158.7	226.7	128.2	293.3	137.0	2,737.6	9,059.5
Blind	2,301.6	2,995.5	156.8	5,453.9	1,284.8	163.9	238.9	396.6	492.7	155.8	2,732.6	8,186.5
duration of VI												
3-6 months	1,574.8	503.8	225.0	2,303.6	1,643.7	103.1	89.4	110.6	308.8	123.5	2,379.2	4,682.7
6-12 months	2,182.5	1,070.6	70.9	3,324.0	429.4	152.8	282.8	104.2	104.5	85.4	1,159.1	4,483.0
More than 12 months	3,992.0	1,582.2	129.8	5,703.9	1,321.3	157.0	167.6	182.4	310.4	95.9	2,234.6	7,938.6
Cause of VI												
Cataract	1,236.9	583.9	27.5	1,848.3	790.1	55.1	67.7	48.4	63.2	19.4	1,043.7	2,892.0
AMD	8,162.3	524.7	134.8	8,821.8	346.9	189.3	172.0	174.6	480.9	0.0	1,363.7	10,185.5
Vascular retinopathy	4,151.1	2,270.9	249.9	6,671.9	930.5	139.1	84.9	141.1	237.9	194.2	1,727.8	8,399.7
Glaucoma	4,909.7	2,297.1	208.0	7,414.8	380.0	78.6	100.9	102.7	118.7	35.7	816.6	8,231.4
Other eye diseases	1,656.8	2,350.2	180.2	4,187.1	1,781.2	278.0	414.6	203.0	145.3	76.4	2,898.5	7,085.7
Multiple ocular diseases	4,255.0	1,286.8	142.7	5,684.5	1,882.8	149.8	156.4	256.8	550.9	216.2	3,212.9	8,897.5
Economic status												
Lowest	3,662.3	1,342.8	177.1	5,182.2	1,523.5	254.6	315.7	294.5	173.4	36.0	2,597.8	7,780.0
Lower	1,996.4	1,738.2	95.0	3,829.6	479.0	174.2	295.0	158.1	200.8	54.9	1,362.1	5,191.7
Middle	2,614.7	1,345.7	142.5	4,102.9	1,196.1	94.0	37.3	77.9	220.6	76.1	1,702.0	5,804.9
Higher	4,761.2	934.9	114.9	5,811.0	800.9	84.0	49.2	108.5	250.0	5.0	1,297.7	7,108.7
Highest	3,988.4	1,491.6	129.7	5,609.8	2076.3	144.4	190.8	168.6	537.5	313.7	3,431.3	9,041.1

* Abbreviations: NCMS, new cooperative medical scheme; UEBMI, urban employee basic medical insurance; URBMI, urban resident basic medical insurance; GMI, government medical insurance; CMI, commercial medical insurance.