HLDI
Highway Loss Data Institute

Loss facts | December 2022

Collision coverage

Distribution of collision claims by claim size, 2021 calendar year

Collision coverage insures against physical damage to insured vehicles sustained in crashes; this coverage is common to all 50 states. The information in this fact sheet is based on collision coverage results for 1981–2022 model year vehicles insured under private passenger automobile policies in calendar year 2021. The claim amounts do not include deductibles paid by policyholders, which range from $0 to more than $1,000 (typically $251–$500).

Most collision claims are for relatively small amounts of money (Figure 1). Nearly 45 percent of collision claims for automobiles cost less than $3,000. The largest number of auto claims occur in the $1,000–$1,999 range, which accounts for 16 percent. Only 4 percent of claims cost $25,000 or more.

Figure 1: Distribution of claims by claim size

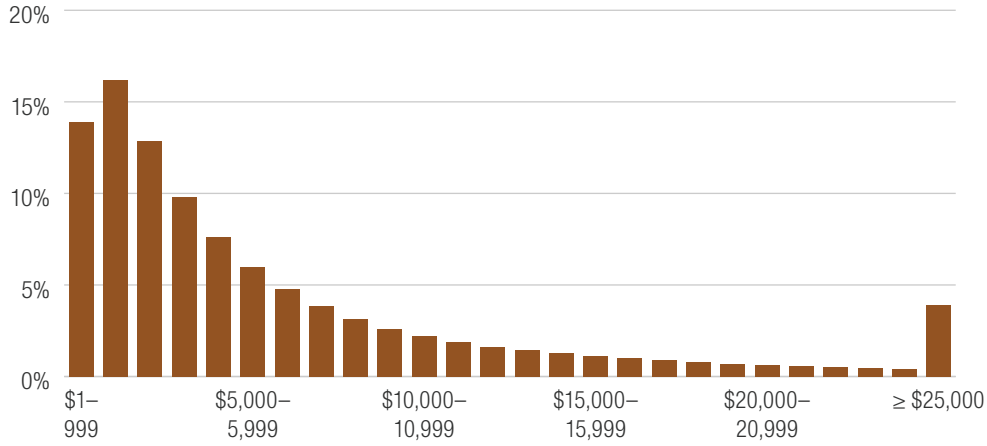

Figure 2 shows the cumulative distribution of claims by dollar amount. The first two ranges (< $2,000) account for 30 percent of claims. By the $2,000–$2,999 range, 43 percent of the claims have accumulated. By $7,000–7,999, nearly 75 percent have accumulated, and by the $15,000–15,999 range, 90 percent have accumulated.

Figure 2: Cumulative distribution of claims by claim size

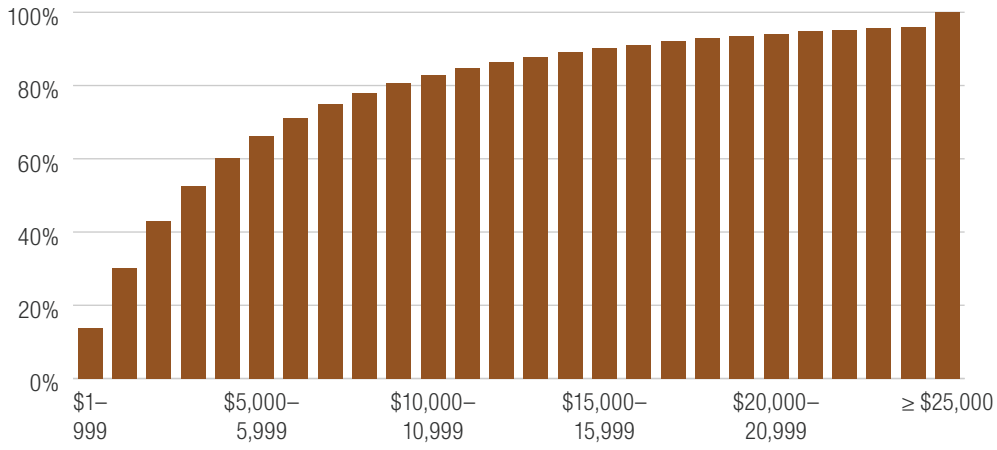

Table 1: Distribution of claims and dollars paid by loss amount				
Loss amount	Percent of collision claims	Cumulative percent of collision claims	Percent of total dollars paid for collision claims	Cumulative percent of total dollars paid for collision claims
$1–999	13.9%	13.9%	1.2%	1.2%
$1,000–1,999	16.2%	30.1%	3.7%	4.9%
$2,000–2,999	12.8%	42.9%	4.9%	9.7%
$3,000–3,999	9.8%	52.7%	5.2%	14.9%
$4,000–4,999	7.6%	60.3%	5.2%	20.1%
$5,000–5,999	6.0%	66.3%	5.0%	25.1%
$6,000–6,999	4.8%	71.0%	4.7%	29.8%
$7,000–7,999	3.9%	74.9%	4.4%	34.2%
$8,000–8,999	3.2%	78.1%	4.1%	38.3%
$9,000–9,999	2.6%	80.7%	3.8%	42.1%
$10,000–10,999	2.2%	82.9%	3.5%	45.6%
$11,000–11,999	1.9%	84.8%	3.3%	48.9%
$12,000–12,999	1.6%	86.4%	3.1%	52.0%
$13,000–13,999	1.4%	87.8%	2.9%	54.9%
$14,000–14,999	1.3%	89.1%	2.8%	57.7%
$15,000–15,999	1.1%	90.2%	2.6%	60.3%
$16,000–16,999	1.0%	91.2%	2.5%	62.8%
$17,000–17,999	0.9%	92.1%	2.4%	65.2%
$18,000–18,999	0.8%	92.9%	2.2%	67.4%
$19,000–19,999	0.7%	93.6%	2.1%	69.5%
$20,000–20,999	0.6%	94.2%	2.0%	71.5%
$21,000–21,999	0.6%	94.8%	1.8%	73.3%
$22,000–22,999	0.5%	95.3%	1.7%	75.1%
$23,000–23,999	0.4%	95.7%	1.6%	76.7%
$24,000–24,999	0.4%	96.1%	1.5%	78.2%
≥ $25,000	3.9%	100.0%	21.8%	100.0%

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The Highway Loss Data Institute is a nonprofit public service organization that gathers, processes, and publishes insurance data on the human and economic losses associated with owning and operating motor vehicles.

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