

UMTRI-94-46

Societal Costs of Traffic Crashes and Crime in Michigan:
A Four-year Update

Fredrick M. Streff

Lisa J. Molnar

December 1994

UMTRI The University of Michigan
Transportation Research Institute



Technical Report Documentation Page

1. Report No. UMTRI-94-46		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Societal Costs of Traffic Crashes and Crime in Michigan: A Four-year Update				5. Report Date December 1994	
				6. Performing Organization Code	
7. Author(s) Fredrick M. Streff and Lisa J. Molnar				8. Performing Organization Report No. UMTRI-94-46	
9. Performing Organization Name and Address The University of Michigan Transportation Research Institute 2901 Baxter Road Ann Arbor, MI 48109				10. Work Unit No. (TRAVIS)	
				11. Contract or Grant No. PA-94-04	
12. Sponsoring Agency Name and Address Michigan Office of Highway Safety Planning 300 S. Washington Square, Suite 300 Lansing, MI 48913				13. Type of Report and Period Covered Final 10/1/93 - 9/30/94	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract <p>Cost estimates were generated for traffic crashes and index crimes by leading experts in the fields of economics of traffic crashes and crime. These were applied to 1993 Michigan crash and index crime incidence data to estimate dollar losses from crashes and index crimes for each county in the state, as well as for the state as a whole.</p> <p>Findings from the present study indicate that, in 1993, index crimes in Michigan resulted in \$1.9 billion in monetary costs and \$5.0 billion in total costs (monetary and nonmonetary quality of life costs). Total costs for index crimes translate into \$532 per state resident and \$1,315 per tax return filed. In 1993, traffic crashes in Michigan resulted in \$4.5 billion in monetary costs and \$12.1 billion in total costs (monetary and nonmonetary quality of life costs). Total costs for traffic crashes translate into \$1,282 per state resident and \$3,166 per tax return filed. Costs for traffic crashes in 1993 were more than twice as high as comparable costs for index crimes. Based on dollar losses to the state, the magnitude of the problem of traffic crashes clearly exceeded that of index crimes in Michigan in 1993.</p>					
17. Key Words Social costs, motor vehicle crashes, crime			18. Distribution Statement Unlimited		
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages 195	22. Price

Reproduction of completed page authorized

The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of the Michigan Office of Highway Safety Planning nor the U.S. Department of Transportation, National Highway Traffic Safety Administration.

Prepared in cooperation with the
Michigan Office of Highway Safety Planning
and
U.S. Department of Transportation
National Highway Traffic Safety Administration
through Highway Safety Project #PA-94-04

ACKNOWLEDGEMENTS

The authors gratefully acknowledge Dr. Ted Miller and Maury Galbraith of the Children's Safety Network Economics and Insurance Resource Center at the National Public Services Research Institute for developing comparable and up-to-date cost estimates for traffic crash and index crime incidents. We also wish to thank Laura Johnson, who coordinated report and graphic production, and Helen Spradlin and Donna Girbach, who assisted with graphic production.

Fredrick M. Streff, Ph.D.

Lisa J. Molnar, M.H.S.A.

BACKGROUND

Traffic crashes and crime both impose significant economic and social burdens through injury and loss of life, as well as property damage and loss. Efforts to reduce crashes and crime often result in competing demands on limited public resources. Comparable and up-to-date cost data on crashes and crime contribute to informed decision making about allocation of limited public resources in important ways. As a first step, cost data provide information about the magnitude of the problems of crashes and crime by allowing us to estimate dollar losses to society. More importantly, cost data on crashes and crime are essential in providing a common measure for evaluating costs and benefits of various policy alternatives that compete for resources.

In 1990, we reported comparable cost estimates for crashes and crime and applied them to 1988 crash and crime incidence data for Michigan to generate dollar losses for the state (Streff and Molnar, 1990). Our findings indicated that index crimes in Michigan resulted in \$0.8 billion in monetary costs and \$2.4 billion in total monetary and nonmonetary quality of life costs in 1988 (using the willingness to pay approach). Traffic crashes in Michigan resulted in \$2.3 billion in monetary costs and \$7.1 billion in total monetary and nonmonetary quality of life costs in 1988 (using the willingness to pay approach), nearly three times the cost of index crimes.

The study reported here is a follow-up to our 1990 study. Cost estimates, including both monetary and nonmonetary quality of life costs, were generated for traffic crashes and index crimes by leading experts in the fields of economics of traffic crashes and crime. Index crimes serve as indicators of a state's crime experience and include murder, rape, robbery, aggravated assault, burglary, larceny, motor vehicle theft, and arson. As in our 1990 study, we excluded arson from our analyses because this crime is often intentionally committed against one's own property, complicating societal cost estimation. We applied our cost estimates to 1993 Michigan crash and index crime incidence data to estimate dollar losses from crashes and index crimes for each county in the state, as well as for the state as a whole. The present study updates our earlier work and improves upon it by using crash and index crime costs that are specific to the state of Michigan.

METHODS

Estimation of Costs for Traffic Crashes and Index Crimes

Methods for estimating costs of crashes and index crimes are detailed in the Appendix. A brief overview is presented here. Costs of traffic crashes and index crimes were estimated by the Children's Safety Network Economics and Insurance Resource Center at the National Public Services Research Institute. Costs of traffic crashes build on those estimated by Miller (1993), using the modifications recommended by Miller, Demes, and Bovbjerg (1993). Methods for estimating costs of index crimes parallel those used by Miller, Cohen, and Wiersema (1994). Data used in the model were for police-reported crimes only, rather than all crimes reported in the National Crime Victimization Survey. Costs of both traffic crashes and index crimes were adapted to Michigan using state-specific medical costs and earnings and a regional price adjuster.

Costs of traffic crashes and index crimes are broken out into two categories in this study: (1) monetary costs and (2) nonmonetary quality-of-life costs. Monetary costs include medical care (including payments for hospitals and physician care, emergency medical transport, rehabilitation, prescriptions, allied health services, medical devices, nursing home care, and insurance claims processing, as well as coroner and premature burial costs for fatalities), future earnings (including wages, fringe benefits, and housework lost by the injured), public services (including initial police response and follow-up investigation, as well as emergency transport and fire services), and property damage and loss (the value of property damage and of property taken and not recovered).

Nonmonetary quality-of-life costs include costs associated with pain, suffering, and fear. For crime, these values come from jury awards for pain, suffering, and lost quality of life due to physical injuries and fear. For murders and traffic crashes, these values are computed from the amount people routinely spend (in dollars or time) to reduce their risk of death and injury (see Miller, 1993). Miller, Cohen, and Wiersema (1994) found the latter method to yield values less than ten percent lower than the former method's values for violence with physical injury.

Estimation of Incidents of Traffic Crashes and Index Crimes

Methods for estimating the incidence of traffic crashes and index crimes are nearly identical to those used in our earlier study (see Streff, Molnar, Cohen, Miller, and Rossman, 1992). Data on motor vehicle crashes in Michigan were obtained from the Michigan State Police and were subset by county. Records were obtained for all crashes reported to local or state police agencies in 1993, with injury severity coded according to the "KABCO" injury severity scale. K-level (fatal) injuries are injuries caused by the crash that result in death within 90 days of the incident. A-level (serious) injuries are incapacitating injuries that prevent injured

persons from walking, driving, or normally continuing activities they were capable of performing prior to the injury. B-level (moderate) injuries include nonincapacitating injuries that are evident to observers at the scene of the crash. C-level (minor) injuries are possible injuries reported or claimed that are not fatal, incapacitating, or nonincapacitating evident injuries. O-level (no injury) refers to property damage only incidents in which no occupants were injured (State of Michigan, 1993).

Data on index crimes for 1993 were obtained from Michigan's Uniform Crime Reporting Program operated by the Michigan State Police and were subset by county. Index crimes used in the analyses include murder, rape, robbery, assault, burglary, larceny, and motor vehicle theft.

Estimation of Dollar Losses to the State of Michigan from Traffic Crashes and Index Crimes

Cost estimates for traffic crashes and index crimes were applied to 1993 Michigan crash and index crime incidence data to estimate dollar losses for each county in the state, as well as for the state as a whole. Total incidence frequencies for traffic crash outcomes were generated based on the number of occupants killed or injured (KABC), as well as the number of vehicles involved in crashes in which no occupants were injured (property damage only). These frequencies were multiplied by appropriate cost figures to generate costs for each crash outcome category, then summed to generate the monetary and total costs for traffic crashes. Frequencies for each index crime were multiplied by appropriate cost figures to generate costs for each index crime category, then summed to generate the monetary and total costs for index crimes.

RESULTS

Table 1 presents cost estimates per police-reported crash victim in Michigan in December 1993 dollars. Cost estimates are broken out by crash outcome and cost category. Table 2 presents cost estimates per police-reported index crime in Michigan in December 1993 dollars. Cost estimates are broken out by crime category and cost category.

	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only
Medical Care	20,025	24,511	5,138	2,543	170
Future Earnings	990,343	27,279	7,671	4,111	412
Public Services	1,205	350	208	151	34
Property Damage & Loss	11,329	4,832	4,018	3,379	1,616
Subtotal (Monetary Cost)	1,022,903	56,971	17,034	10,184	2,232
Quality of Life	2,033,627	144,854	28,831	12,142	519
Total (Comprehensive Cost)	3,056,530	201,825	45,865	22,326	2,751

	Murder	Rape	Assault	Robbery	Larceny	Burglary	Motor Vehicle Theft
Medical Care	18,925	1,162	628	833	0	0	0
Future Earnings	966,901	3,345	1,090	1,576	16	20	59
Public Services	1,967	509	220	301	348	305	217
Property Damage & Loss	1,206	102	53	879	720	1,973	4,945
Subtotal (Monetary Cost)	988,999	5,118	1,991	3,589	1,084	2,298	5,221
Quality of Life	1,851,111	114,117	7,394	8,584	0	283	258
Total (Comprehensive Cost)	2,840,110	119,235	9,385	12,173	1,084	2,581	5,479

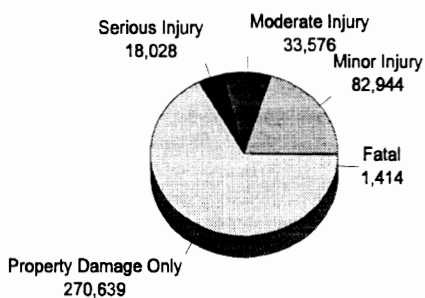
Estimates of traffic crash and index crime incidence and costs by crash outcome and crime category for the state of Michigan as a whole and for all Michigan counties are contained in figures on the following pages. These pages also contain tables of cost estimates for traffic crashes and index crimes broken out by

crash outcome and crime category, as well as cost category (including monetary and nonmonetary quality of life costs).

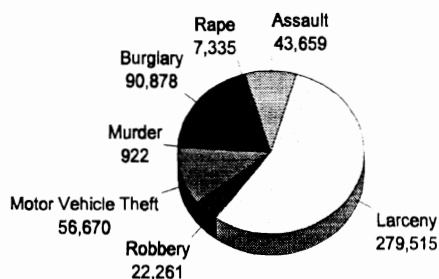
In 1993, index crimes in Michigan resulted in \$1.9 billion in monetary costs and \$5.0 billion in total costs (monetary and nonmonetary quality of life costs). Total costs for index crimes translate into \$532 per state resident and \$1,315 per tax return filed. In 1993, traffic crashes in Michigan resulted in \$4.5 billion in monetary costs and \$12.1 billion in total costs (monetary and nonmonetary quality of life costs). Total costs for traffic crashes translate into \$1,282 per state resident and \$3,166 per tax return filed. Costs for traffic crashes in 1993 were more than twice as high as comparable costs for index crimes. Based on dollar losses to the state, the magnitude of the problem of traffic crashes clearly exceeded that of index crimes in Michigan in 1993.

State of Michigan 1993

Number of Traffic Crash Casualties

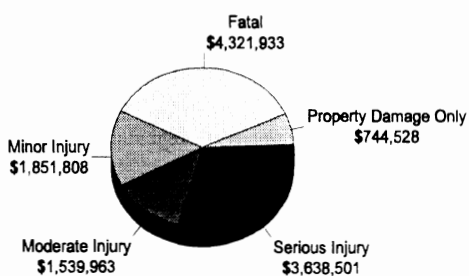


Number of Index Crimes



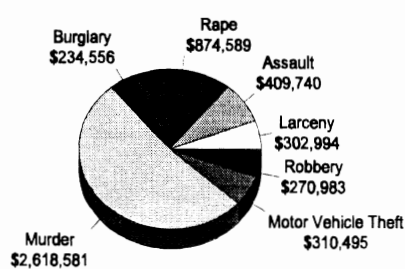
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$5,021,938,321
 Cost of Index Crimes per state resident: \$532
 Cost of Index Crimes per tax return filed: \$1,315

Total cost of traffic crashes: \$12,096,733,393
 Cost of Traffic Crashes per state resident: \$1,282
 Cost of Traffic Crashes per tax return filed: \$3,166

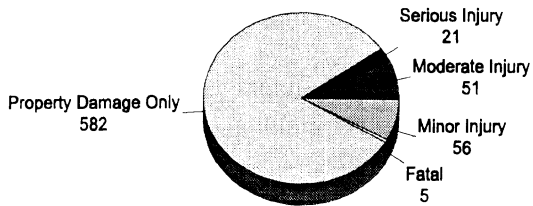
Total Population (1992): 9,433,665
 Tax Returns Filed (1992): 3,820,407

Costs of Traffic Crashes in State of Michigan (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	28,315,350.00	441,884,308.00	172,513,488.00	210,926,592.00	46,008,630.00	899,648,368.00	
Future Earnings	1,400,345,002.00	491,785,812.00	257,561,496.00	340,982,784.00	111,503,268.00	2,602,178,362.00	
Public Service	1,703,870.00	6,309,800.00	6,983,808.00	12,524,544.00	9,201,726.00	36,723,748.00	
Property Damage Loss	16,019,206.00	87,111,296.00	134,908,368.00	280,267,776.00	437,352,624.00	955,659,270.00	
Subtotal (Monetary Cost)	1,446,384,842.00	1,027,073,188.00	571,933,584.00	844,701,696.00	604,066,248.00	4,494,159,558.00	
Quality of Life	2,875,548,578.00	2,611,427,912.00	968,029,656.00	1,007,106,048.00	140,461,641.00	7,602,573,835.00	
Total Cost	4,321,933,420.00	3,638,501,100.00	1,539,963,240.00	1,851,807,744.00	744,527,889.00	12,096,733,393.00	

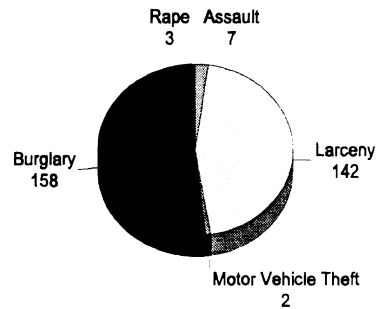
Costs of Index Crimes in State of Michigan (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	17,448,850.00	8,523,270.00	18,543,413.00	27,417,852.00	0.00	0.00	0.00	71,933,385.00	
Future Earnings	891,482,722.00	24,535,575.00	35,083,336.00	47,588,310.00	1,817,560.00	4,472,240.00	3,343,530.00	1,008,323,273.00	
Public Service	1,813,574.00	3,733,515.00	6,700,561.00	9,604,980.00	27,717,790.00	97,271,220.00	12,297,390.00	159,139,030.00	
Property Damage Loss	1,111,932.00	748,170.00	19,567,419.00	2,313,927.00	179,302,294.00	201,250,800.00	280,233,150.00	684,527,692.00	
Subtotal (Monetary Cost)	911,857,078.00	37,540,530.00	79,894,729.00	86,925,069.00	208,837,644.00	302,994,260.00	295,874,070.00	1,923,923,380.00	
Quality of Life	1,706,724,342.00	837,048,195.00	191,088,424.00	322,814,646.00	25,718,474.00	0.00	14,620,860.00	3,098,014,941.00	
Total Cost	2,618,581,420.00	874,588,725.00	270,983,153.00	409,739,715.00	234,556,118.00	302,994,260.00	310,494,930.00	5,021,938,321.00	

Alcona County 1993

Number of Traffic Crash Casualties

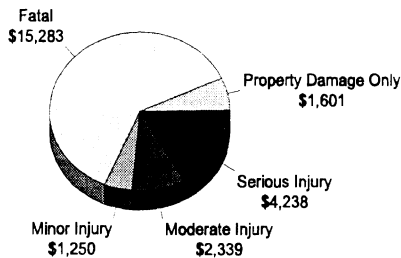


Number of Index Crimes



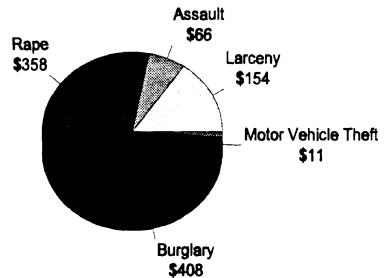
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$996,084
 Cost of Index Crimes per county resident: \$97
 Cost of Index Crimes per tax return filed: \$240

Total cost of traffic crashes: \$24,711,428
 Cost of Traffic Crashes per county resident: \$2,410
 Cost of Traffic Crashes per tax return filed: \$5,949

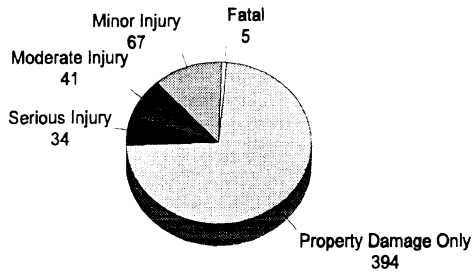
Total Population (1992): 10,254
 Tax Returns Filed (1992): 4,154

Costs of Traffic Crashes in Alcona County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	100,125.00	514,731.00	262,038.00	142,408.00	98,940.00	1,118,242.00	
Future Earnings	4,951,715.00	572,859.00	391,221.00	230,216.00	239,784.00	6,385,795.00	
Public Service	6,025.00	7,350.00	10,608.00	8,456.00	19,788.00	52,227.00	
Property Damage Loss	56,645.00	101,472.00	204,918.00	189,224.00	940,512.00	1,492,771.00	
Subtotal (Monetary Cost)	5,114,515.00	1,196,391.00	868,734.00	570,304.00	1,299,024.00	9,048,968.00	
Quality of Life	10,168,135.00	3,041,934.00	1,470,381.00	679,952.00	302,058.00	15,662,460.00	
Total Cost	15,282,650.00	4,238,325.00	2,339,115.00	1,250,256.00	1,601,082.00	24,711,428.00	

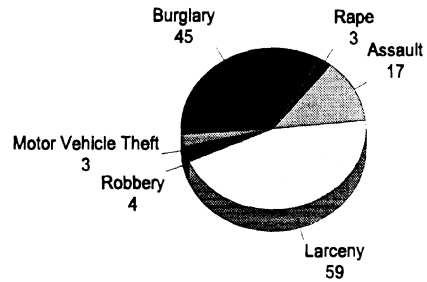
Costs of Index Crimes in Alcona County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	3,486.00	0.00	4,396.00	0.00	0.00	0.00	7,882.00	
Future Earnings	0.00	10,035.00	0.00	7,630.00	3,160.00	2,272.00	118.00	23,215.00	
Public Service	0.00	1,527.00	0.00	1,540.00	48,190.00	49,416.00	434.00	101,107.00	
Property Damage Loss	0.00	306.00	0.00	371.00	311,734.00	102,240.00	9,890.00	424,541.00	
Subtotal (Monetary Cost)	0.00	15,354.00	0.00	13,937.00	363,084.00	153,928.00	10,442.00	556,745.00	
Quality of Life	0.00	342,351.00	0.00	51,758.00	44,714.00	0.00	516.00	439,339.00	
Total Cost	0.00	357,705.00	0.00	65,695.00	407,798.00	153,928.00	10,958.00	996,084.00	

Alger County 1993

Number of Traffic Crash Casualties

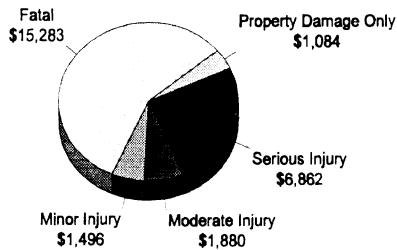


Number of Index Crimes



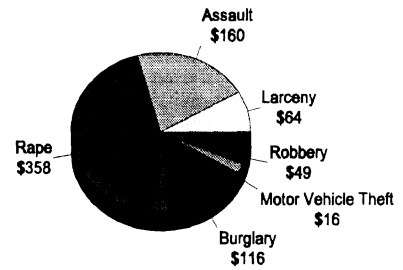
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$762,480
 Cost of Index Crimes per county resident: \$82
 Cost of Index Crimes per tax return filed: \$190

Total cost of traffic crashes: \$26,604,901
 Cost of Traffic Crashes per county resident: \$2,846
 Cost of Traffic Crashes per tax return filed: \$6,623

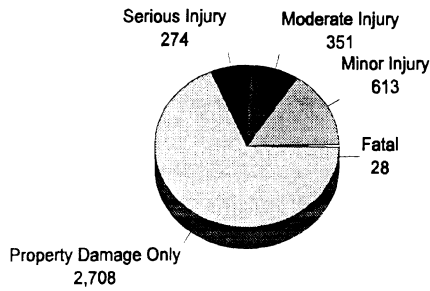
Total Population (1992): 9,349
 Tax Returns Filed (1992): 4,017

Costs of Traffic Crashes in Alger County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	100,125.00	833,374.00	210,658.00	170,381.00	66,980.00	1,381,518.00	
Future Earnings	4,951,715.00	927,486.00	314,511.00	275,437.00	162,328.00	6,631,477.00	
Public Service	6,025.00	11,900.00	8,528.00	10,117.00	13,396.00	49,966.00	
Property Damage Loss	56,645.00	164,288.00	164,738.00	226,393.00	636,704.00	1,248,768.00	
Subtotal (Monetary Cost)	5,114,515.00	1,937,014.00	698,394.00	682,328.00	879,408.00	9,311,659.00	
Quality of Life	10,168,135.00	4,925,036.00	1,182,071.00	813,514.00	204,486.00	17,293,242.00	
Total Cost	15,282,650.00	6,862,050.00	1,880,465.00	1,495,842.00	1,083,894.00	26,604,901.00	

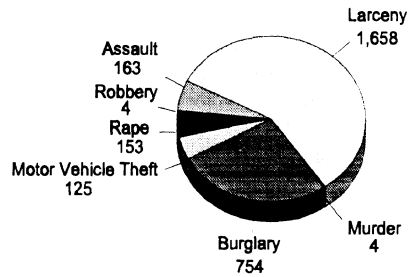
Costs of Index Crimes in Alger County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	3,486.00	3,332.00	10,676.00	0.00	0.00	0.00	17,494.00	
Future Earnings	0.00	10,035.00	6,304.00	18,530.00	900.00	944.00	177.00	36,890.00	
Public Service	0.00	1,527.00	1,204.00	3,740.00	48,190.00	20,532.00	651.00	75,844.00	
Property Damage Loss	0.00	306.00	3,516.00	901.00	88,785.00	42,480.00	14,835.00	150,823.00	
Subtotal (Monetary Cost)	0.00	15,354.00	14,356.00	33,847.00	103,410.00	63,956.00	15,663.00	246,586.00	
Quality of Life	0.00	342,351.00	34,336.00	125,698.00	12,735.00	0.00	774.00	515,894.00	
Total Cost	0.00	357,705.00	48,692.00	159,545.00	116,145.00	63,956.00	16,437.00	762,480.00	

Allegan County 1993

Number of Traffic Crash Casualties

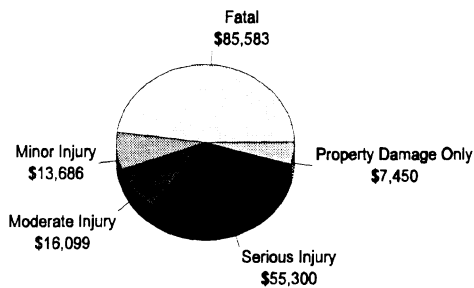


Number of Index Crimes



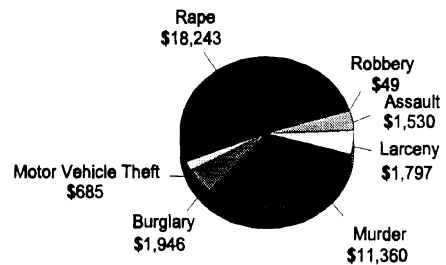
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$35,610,063

Cost of Index Crimes per county resident: \$383

Cost of Index Crimes per tax return filed: \$1,067

Total cost of traffic crashes: \$178,117,051

Cost of Traffic Crashes per county resident: \$1,914

Cost of Traffic Crashes per tax return filed: \$5,336

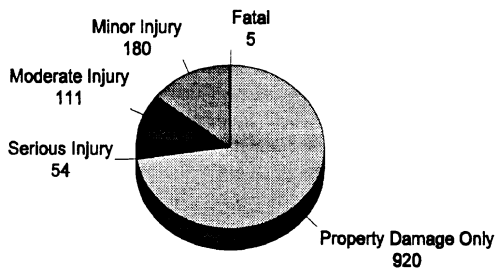
Total Population (1992): 93,078
Tax Returns Filed (1992): 33,383

Costs of Traffic Crashes in Allegan County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	560,700.00	6,716,014.00	1,803,438.00	1,558,859.00	460,360.00	11,099,371.00
Future Earnings	27,729,604.00	7,474,446.00	2,692,521.00	2,520,043.00	1,115,696.00	41,532,310.00
Public Service	33,740.00	95,900.00	73,008.00	92,563.00	92,072.00	387,283.00
Property Damage Loss	317,212.00	1,323,968.00	1,410,318.00	2,071,327.00	4,376,128.00	9,498,953.00
Subtotal (Monetary Cost)	29,641,284.00	15,610,054.00	5,978,934.00	6,242,792.00	6,044,256.00	62,517,320.00
Quality of Life	56,941,556.00	39,689,996.00	10,119,681.00	7,443,046.00	1,405,452.00	115,599,731.00
Total Cost	85,582,840.00	55,300,050.00	16,098,615.00	13,685,838.00	7,449,708.00	178,117,051.00

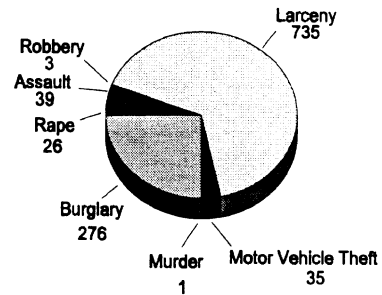
Costs of Index Crimes in Allegan County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	75,700.00	177,786.00	3,332.00	102,364.00	0.00	0.00	0.00	359,182.00	
Future Earnings	3,867,604.00	511,785.00	6,304.00	177,670.00	15,080.00	26,528.00	7,375.00	4,612,346.00	
Public Service	7,868.00	77,877.00	1,204.00	35,860.00	229,970.00	576,984.00	27,125.00	956,888.00	
Property Damage Loss	4,824.00	15,606.00	3,516.00	8,639.00	1,487,642.00	1,193,760.00	618,125.00	3,332,112.00	
Subtotal (Monetary Cost)	3,955,996.00	783,054.00	14,356.00	324,533.00	1,732,692.00	1,797,272.00	652,625.00	9,260,528.00	
Quality of Life	7,404,444.00	17,459,901.00	34,336.00	1,205,222.00	213,382.00	0.00	32,250.00	26,349,535.00	
Total Cost	11,360,440.00	18,242,955.00	48,692.00	1,529,755.00	1,946,074.00	1,797,272.00	684,875.00	35,610,063.00	

Alpena County 1993

Number of Traffic Crash Casualties

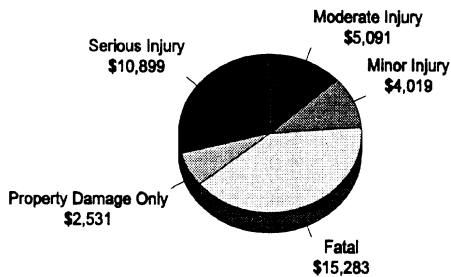


Number of Index Crimes



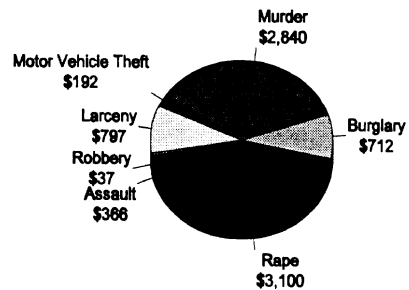
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$8,043,615
 Cost of Index Crimes per county resident: \$259
 Cost of Index Crimes per tax return filed: \$721

Total cost of traffic crashes: \$37,821,815
 Cost of Traffic Crashes per county resident: \$1,220
 Cost of Traffic Crashes per tax return filed: \$3,392

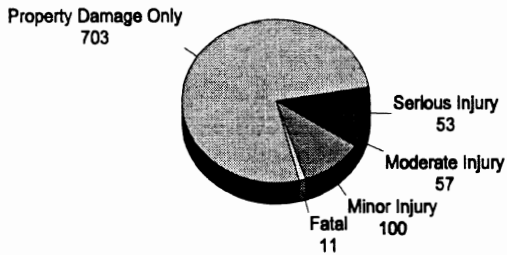
Total Population (1992): 31,000
 Tax Returns Filed (1992): 11,151

Costs of Traffic Crashes in Alpena County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	100,125.00	1,323,594.00	570,318.00	457,740.00	156,400.00	2,608,177.00
Future Earnings	4,951,715.00	1,473,066.00	851,481.00	739,980.00	379,040.00	8,395,282.00
Public Service	6,025.00	18,900.00	23,088.00	27,180.00	31,280.00	106,473.00
Property Damage Loss	56,645.00	260,928.00	445,998.00	608,220.00	1,486,720.00	2,858,511.00
Subtotal (Monetary Cost)	5,114,515.00	3,076,434.00	1,890,774.00	1,833,120.00	2,053,440.00	13,968,283.00
Quality of Life	10,168,135.00	7,822,116.00	3,200,241.00	2,185,560.00	477,480.00	23,853,532.00
Total Cost	15,282,650.00	10,898,550.00	5,091,015.00	4,018,680.00	2,530,920.00	37,821,815.00

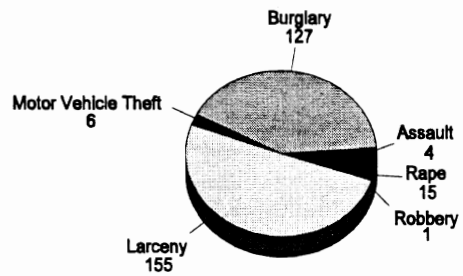
Costs of Index Crimes in Alpena County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	30,212.00	2,499.00	24,492.00	0.00	0.00	0.00	76,128.00
Future Earnings	966,901.00	86,970.00	4,728.00	42,510.00	5,520.00	11,760.00	2,065.00	1,120,454.00
Public Service	1,967.00	13,234.00	903.00	8,580.00	84,180.00	255,780.00	7,595.00	372,239.00
Property Damage Loss	1,206.00	2,652.00	2,637.00	2,067.00	544,548.00	529,200.00	173,075.00	1,255,385.00
Subtotal (Monetary Cost)	988,999.00	133,068.00	10,767.00	77,649.00	634,248.00	796,740.00	182,735.00	2,824,206.00
Quality of Life	1,851,111.00	2,967,042.00	25,752.00	288,366.00	78,108.00	0.00	9,030.00	5,219,409.00
Total Cost	2,840,110.00	3,100,110.00	36,519.00	366,015.00	712,356.00	796,740.00	191,765.00	8,043,615.00

Antrim County 1993

Number of Traffic Crash Casualties

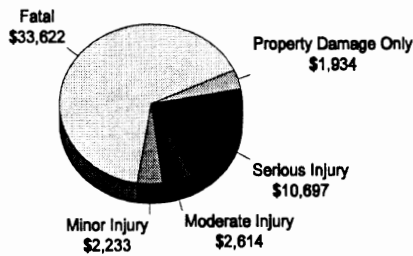


Number of Index Crimes



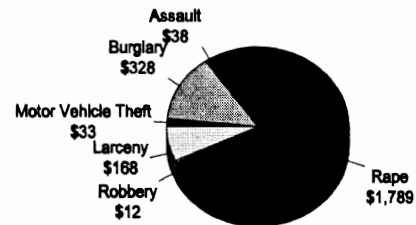
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$2,366,919

Cost of Index Crimes per county resident: \$125

Cost of Index Crimes per tax return filed: \$246

Total cost of traffic crashes: \$51,099,413

Cost of Traffic Crashes per county resident: \$2,704

Cost of Index Crimes per tax return filed: \$5,304

Total Population (1992): 18,897

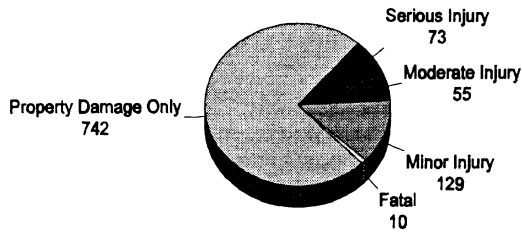
Tax Returns Filed (1992): 9,635

Costs of Traffic Crashes in Antrim County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	220,275.00	1,299,083.00	292,866.00	254,300.00	119,510.00	2,186,034.00	
Future Earnings	10,893,773.00	1,445,787.00	437,247.00	411,100.00	289,636.00	13,477,543.00	
Public Service	13,255.00	18,550.00	11,856.00	15,100.00	23,902.00	82,663.00	
Property Damage Loss	124,619.00	256,096.00	229,026.00	337,900.00	1,136,048.00	2,083,689.00	
Subtotal (Monetary Cost)	11,251,933.00	3,019,463.00	970,938.00	1,018,400.00	1,569,096.00	17,829,830.00	
Quality of Life	22,369,897.00	7,677,262.00	1,643,367.00	1,214,200.00	364,857.00	33,269,583.00	
Total Cost	33,621,830.00	10,696,725.00	2,614,305.00	2,232,600.00	1,933,953.00	51,099,413.00	

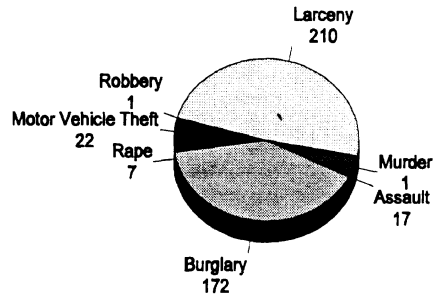
Costs of Index Crimes in Antrim County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	17,430.00	833.00	2,512.00	0.00	0.00	0.00	20,775.00	
Future Earnings	0.00	50,175.00	1,576.00	4,360.00	2,540.00	2,480.00	354.00	61,485.00	
Public Service	0.00	7,635.00	301.00	880.00	38,735.00	53,940.00	1,302.00	102,793.00	
Property Damage Loss	0.00	1,530.00	879.00	212.00	250,571.00	111,600.00	29,670.00	394,462.00	
Subtotal (Monetary Cost)	0.00	76,770.00	3,589.00	7,964.00	291,846.00	168,020.00	31,326.00	579,515.00	
Quality of Life	0.00	1,711,755.00	8,584.00	29,576.00	35,941.00	0.00	1,548.00	1,787,404.00	
Total Cost	0.00	1,788,525.00	12,173.00	37,540.00	327,787.00	168,020.00	32,874.00	2,366,919.00	

Arenac County 1993

Number of Traffic Crash Casualties

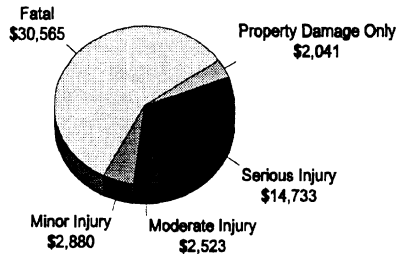


Number of Index Crimes



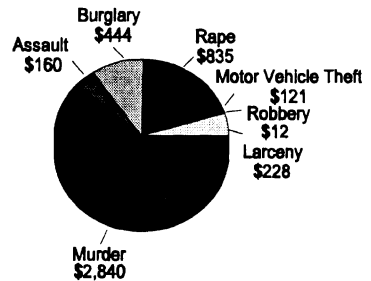
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$4,638,583

Cost of Index Crimes per county resident: \$297

Cost of Index Crimes per tax return filed: \$716

Total cost of traffic crashes: \$52,742,396

Cost of Traffic Crashes per county resident: \$3,376

Cost of Traffic Crashes per tax return filed: \$8,138

Total Population (1992): 15,625

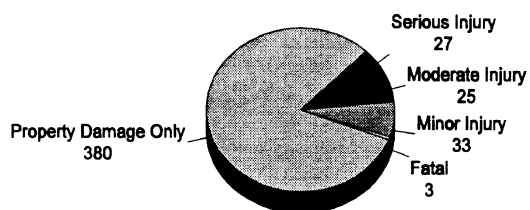
Tax Returns Filed (1992): 6,481

Costs of Traffic Crashes in Arenac County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	200,250.00	1,789,303.00	282,590.00	328,047.00	126,140.00	2,726,330.00
Future Earnings	9,903,430.00	1,991,367.00	421,905.00	530,319.00	305,704.00	13,152,725.00
Public Service	12,050.00	25,550.00	11,440.00	19,479.00	25,228.00	93,747.00
Property Damage Loss	113,290.00	352,736.00	220,990.00	435,891.00	1,199,072.00	2,321,979.00
Subtotal (Monetary Cost)	10,229,030.00	4,158,883.00	936,870.00	1,313,736.00	1,656,144.00	18,294,663.00
Quality of Life	20,336,270.00	10,574,342.00	1,585,705.00	1,566,318.00	385,098.00	34,447,733.00
Total Cost	30,565,300.00	14,733,225.00	2,522,575.00	2,880,054.00	2,041,242.00	52,742,396.00

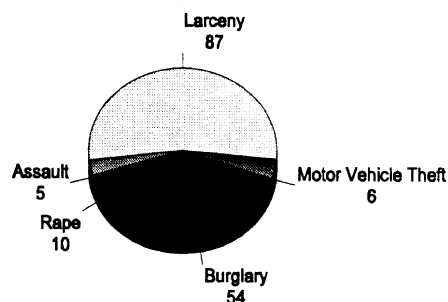
Costs of Index Crimes in Arenac County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	18,925.00	8,134.00	833.00	10,676.00	0.00	0.00	0.00	38,568.00	
Future Earnings	966,901.00	23,415.00	1,576.00	18,530.00	3,440.00	3,360.00	1,298.00	1,018,520.00	
Public Service	1,967.00	3,563.00	301.00	3,740.00	52,460.00	73,080.00	4,774.00	139,885.00	
Property Damage Loss	1,206.00	714.00	879.00	901.00	339,356.00	151,200.00	108,790.00	603,046.00	
Subtotal (Monetary Cost)	988,999.00	35,826.00	3,589.00	33,847.00	395,256.00	227,640.00	114,862.00	1,800,019.00	
Quality of Life	1,851,111.00	798,819.00	8,584.00	125,698.00	48,676.00	0.00	5,676.00	2,838,564.00	
Total Cost	2,840,110.00	834,645.00	12,173.00	159,545.00	443,932.00	227,640.00	120,538.00	4,638,583.00	

Baraga County 1993

Number of Traffic Crash Casualties

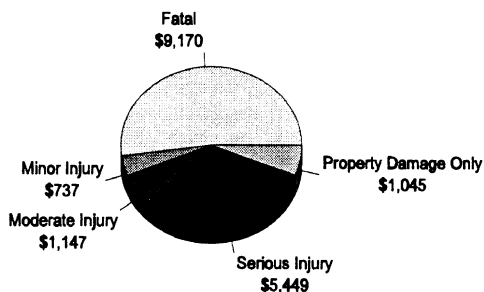


Number of Index Crimes



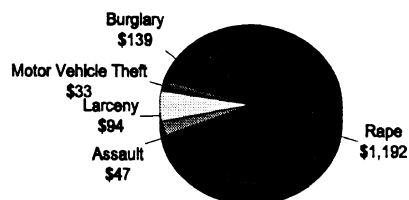
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,505,831

Cost of Index Crimes per county resident: \$192

Cost of Index Crimes per tax return filed: \$433

Total cost of traffic crashes: \$17,547,628

Cost of Traffic Crashes per county resident: \$2,242

Cost of Index Crimes per tax return filed: \$5,042

Total Population (1992): 7,828

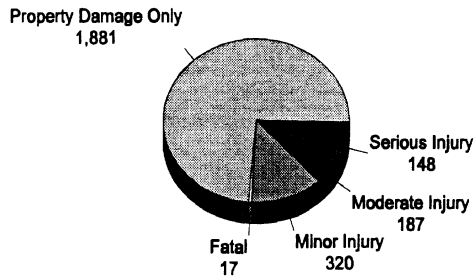
Tax Returns Filed (1992): 3,480

Costs of Traffic Crashes in Baraga County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	60,075.00	661,797.00	128,450.00	83,919.00	64,600.00	998,841.00	
Future Earnings	2,971,029.00	736,533.00	191,775.00	135,663.00	156,560.00	4,191,560.00	
Public Service	3,615.00	9,450.00	5,200.00	4,983.00	12,920.00	36,168.00	
Property Damage Loss	33,987.00	130,464.00	100,450.00	111,507.00	614,080.00	990,488.00	
Subtotal (Monetary Cost)	3,068,709.00	1,538,217.00	425,850.00	336,072.00	848,160.00	6,217,008.00	
Quality of Life	6,100,881.00	3,911,058.00	720,775.00	400,686.00	197,220.00	11,330,620.00	
Total Cost	9,169,590.00	5,449,275.00	1,146,625.00	736,758.00	1,045,380.00	17,547,628.00	

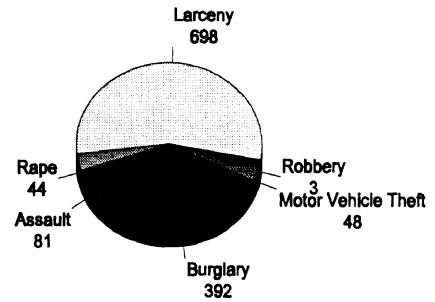
Costs of Index Crimes in Baraga County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	11,620.00	0.00	3,140.00	0.00	0.00	0.00	14,760.00	
Future Earnings	0.00	33,450.00	0.00	5,450.00	1,080.00	1,392.00	354.00	41,726.00	
Public Service	0.00	5,090.00	0.00	1,100.00	16,470.00	30,276.00	1,302.00	54,238.00	
Property Damage Loss	0.00	1,020.00	0.00	265.00	106,542.00	62,640.00	29,670.00	200,137.00	
Subtotal (Monetary Cost)	0.00	51,180.00	0.00	9,955.00	124,092.00	94,308.00	31,326.00	310,861.00	
Quality of Life	0.00	1,141,170.00	0.00	36,970.00	15,282.00	0.00	1,548.00	1,194,970.00	
Total Cost	0.00	1,192,350.00	0.00	46,925.00	139,374.00	94,308.00	32,874.00	1,505,831.00	

Barry County 1993

Number of Traffic Crash Casualties

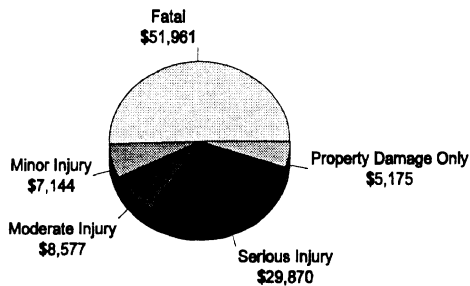


Number of Index Crimes



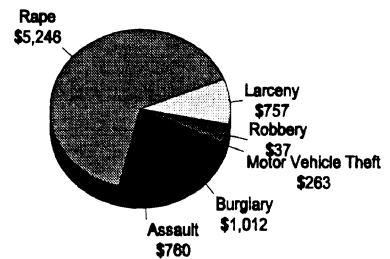
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$8,074,420

Cost of Index Crimes per county resident: \$158

Cost of Index Crimes per tax return filed: \$420

Total cost of traffic crashes: \$102,726,816

Cost of Traffic Crashes per county resident: \$2,007

Cost of Traffic Crashes per tax return filed: \$5,338

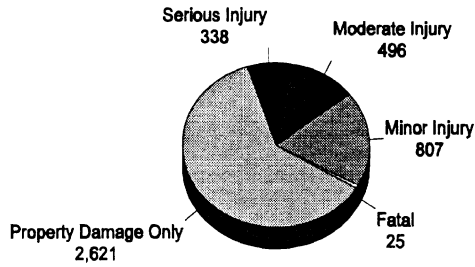
Total Population (1992): 51,196
Tax Returns Filed (1992): 19,243

Costs of Traffic Crashes in Barry County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	340,425.00	3,627,628.00	960,806.00	813,760.00	319,770.00	6,062,389.00	
Future Earnings	16,835,831.00	4,037,292.00	1,434,477.00	1,315,520.00	774,972.00	24,398,092.00	
Public Service	20,485.00	51,800.00	38,896.00	48,320.00	63,954.00	223,455.00	
Property Damage Loss	192,593.00	715,136.00	751,366.00	1,081,280.00	3,039,696.00	5,780,071.00	
Subtotal (Monetary Cost)	17,389,351.00	8,431,708.00	3,185,358.00	3,258,880.00	4,198,392.00	36,463,689.00	
Quality of Life	34,571,659.00	21,438,392.00	5,391,397.00	3,885,440.00	976,239.00	66,263,127.00	
Total Cost	51,961,010.00	29,870,100.00	8,576,755.00	7,144,320.00	5,174,631.00	102,726,816.00	

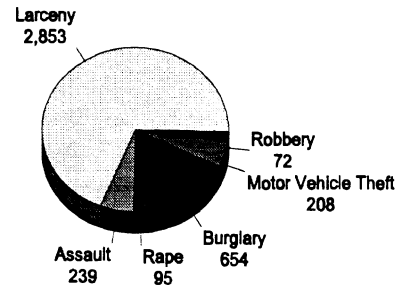
Costs of Index Crimes in Barry County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	51,128.00	2,499.00	50,868.00	0.00	0.00	0.00	104,495.00	
Future Earnings	0.00	147,180.00	4,728.00	88,290.00	7,840.00	11,168.00	2,832.00	262,038.00	
Public Service	0.00	22,396.00	903.00	17,820.00	119,560.00	242,904.00	10,416.00	413,999.00	
Property Damage Loss	0.00	4,488.00	2,637.00	4,293.00	773,416.00	502,560.00	237,360.00	1,524,754.00	
Subtotal (Monetary Cost)	0.00	225,192.00	10,767.00	161,271.00	900,816.00	756,632.00	250,608.00	2,305,286.00	
Quality of Life	0.00	5,021,148.00	25,752.00	598,914.00	110,936.00	0.00	12,384.00	5,769,134.00	
Total Cost	0.00	5,246,340.00	36,519.00	760,185.00	1,011,752.00	756,632.00	262,992.00	8,074,420.00	

Bay County 1993

Number of Traffic Crash Casualties

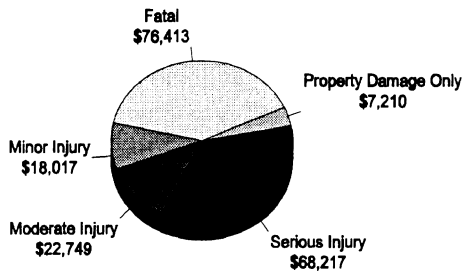


Number of Index Crimes



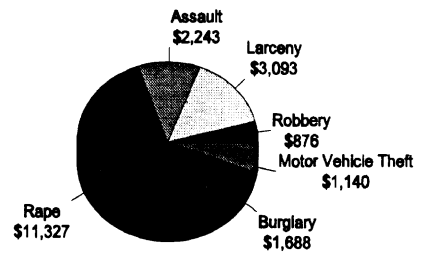
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$20,367,054
 Cost of Index Crimes per county resident: \$182
 Cost of Index Crimes per tax return filed: \$413

Total cost of traffic crashes: \$192,606,593
 Cost of Traffic Crashes per county resident: \$1,718
 Cost of Traffic Crashes per tax return filed: \$3,908

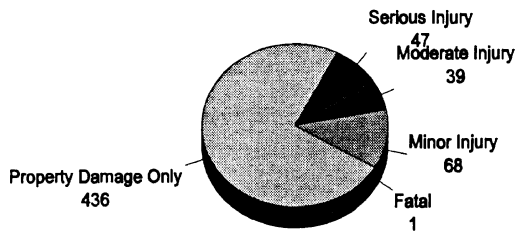
Total Population (1992): 112,131
 Tax Returns Filed (1992): 49,280

Costs of Traffic Crashes in Bay County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	500,625.00	8,284,718.00	2,548,448.00	2,052,201.00	445,570.00	13,831,562.00	
Future Earnings	24,758,575.00	9,220,302.00	3,804,816.00	3,317,577.00	1,079,852.00	42,181,122.00	
Public Service	30,125.00	118,300.00	103,168.00	121,857.00	89,114.00	462,564.00	
Property Damage Loss	283,225.00	1,633,216.00	1,992,928.00	2,726,853.00	4,235,536.00	10,871,758.00	
Subtotal (Monetary Cost)	25,572,575.00	19,256,198.00	8,448,864.00	8,218,488.00	5,850,072.00	67,346,197.00	
Quality of Life	50,840,675.00	48,960,652.00	14,300,176.00	9,798,594.00	1,360,299.00	125,260,396.00	
Total Cost	76,413,250.00	68,216,850.00	22,749,040.00	18,017,082.00	7,210,371.00	192,606,593.00	

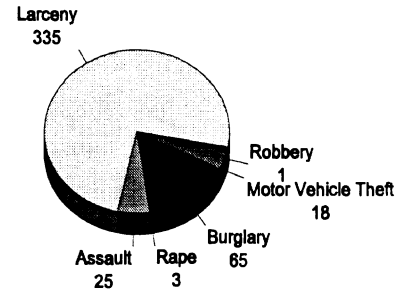
Costs of Index Crimes in Bay County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	110,390.00	59,976.00	150,092.00	0.00	0.00	0.00	320,458.00	
Future Earnings	0.00	317,775.00	113,472.00	260,510.00	13,080.00	45,648.00	12,272.00	762,757.00	
Public Service	0.00	48,355.00	21,672.00	52,580.00	199,470.00	992,844.00	45,136.00	1,360,057.00	
Property Damage Loss	0.00	9,690.00	63,288.00	12,667.00	1,290,342.00	2,054,160.00	1,028,560.00	4,458,707.00	
Subtotal (Monetary Cost)	0.00	486,210.00	258,408.00	475,849.00	1,502,892.00	3,092,652.00	1,085,968.00	6,901,979.00	
Quality of Life	0.00	10,841,115.00	618,048.00	1,767,166.00	185,082.00	0.00	53,664.00	13,465,075.00	
Total Cost	0.00	11,327,325.00	876,456.00	2,243,015.00	1,687,974.00	3,092,652.00	1,139,632.00	20,367,054.00	

Benzie County 1993

Number of Traffic Crash Casualties

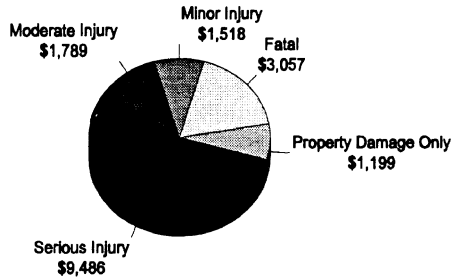


Number of Index Crimes



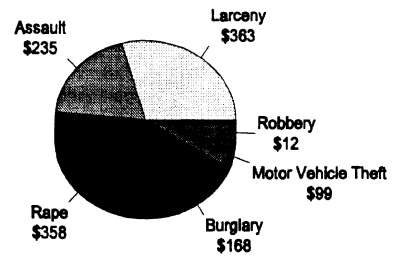
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,234,030

Cost of Index Crimes per county resident: \$98

Cost of Index Crimes per tax return filed: \$223

Total cost of traffic crashes: \$17,048,644

Cost of Traffic Crashes per county resident: \$1,351

Cost of Traffic Crashes per tax return filed: \$3,086

Total Population (1992): 12,616

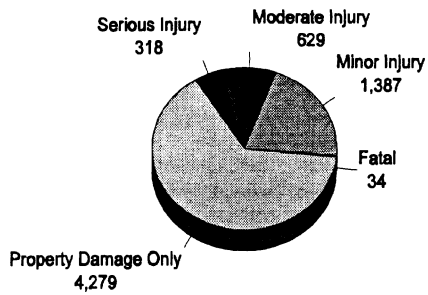
Tax Returns Filed (1992): 5,524

Costs of Traffic Crashes in Benzie County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	20,025.00	152,017.00	200,382.00	172,924.00	74,120.00	1,619,468.00	
Future Earnings	990,343.00	1,282,113.00	299,169.00	279,548.00	179,632.00	3,030,805.00	
Public Service	1,205.00	16,450.00	8,112.00	10,268.00	14,824.00	50,859.00	
Property Damage Loss	11,329.00	227,104.00	156,702.00	229,772.00	704,576.00	1,329,483.00	
Subtotal (Monetary Cost)	1,022,903.00	2,677,637.00	664,326.00	692,512.00	973,152.00	6,030,530.00	
Quality of Life	2,033,627.00	6,808,138.00	1,124,409.00	825,656.00	226,284.00	11,018,114.00	
Total Cost	3,056,530.00	9,485,775.00	1,788,735.00	1,518,168.00	1,199,436.00	17,048,644.00	

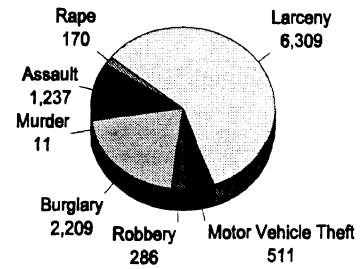
Costs of Index Crimes in Benzie County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	3,486.00	833.00	15,700.00	0.00	0.00	0.00	20,019.00	
Future Earnings	0.00	10,035.00	1,576.00	27,250.00	1,300.00	5,360.00	1,062.00	46,583.00	
Public Service	0.00	1,527.00	301.00	5,500.00	19,825.00	116,580.00	3,906.00	147,639.00	
Property Damage Loss	0.00	306.00	879.00	1,325.00	128,245.00	241,200.00	89,010.00	460,965.00	
Subtotal (Monetary Cost)	0.00	15,354.00	3,589.00	49,775.00	149,370.00	363,140.00	93,978.00	675,206.00	
Quality of Life	0.00	342,351.00	8,584.00	184,850.00	18,395.00	0.00	4,644.00	558,824.00	
Total Cost	0.00	357,705.00	12,173.00	234,625.00	167,765.00	363,140.00	98,622.00	1,234,030.00	

Berrien County 1993

Number of Traffic Crash Casualties

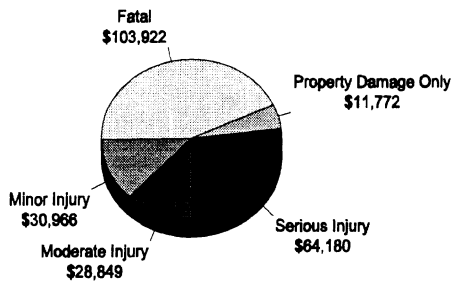


Number of Index Crimes



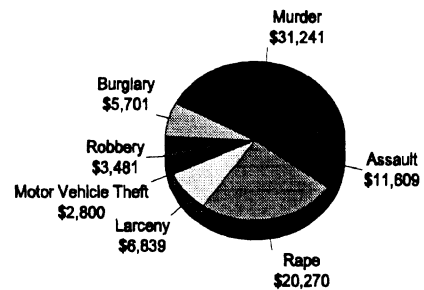
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$81,942,037

Cost of Index Crimes per county resident: \$507

Cost of Index Crimes per tax return filed: \$1,265

Total cost of traffic crashes: \$239,689,146

Cost of Traffic Crashes per county resident: \$1,484

Cost of Traffic Crashes per tax return filed: \$3,701

Total Population (1992): 161,466

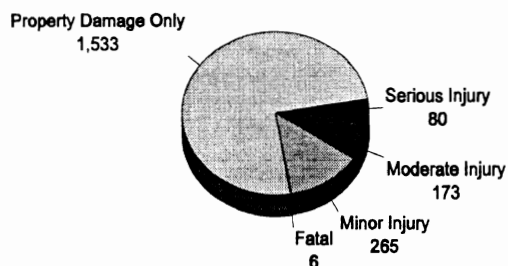
Tax Returns Filed (1992): 64,767

Costs of Traffic Crashes in Berrien County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	680,850.00	7,794,498.00	3,231,802.00	3,527,141.00	727,430.00	15,961,721.00	
Future Earnings	33,671,662.00	8,674,722.00	4,825,059.00	5,701,957.00	1,762,948.00	54,636,348.00	
Public Service	40,970.00	111,300.00	130,832.00	209,437.00	145,486.00	638,025.00	
Property Damage Loss	385,186.00	1,536,576.00	2,527,322.00	4,686,673.00	6,914,864.00	16,050,621.00	
Subtotal (Monetary Cost)	34,778,702.00	18,116,778.00	10,714,386.00	14,125,208.00	9,550,728.00	87,285,802.00	
Quality of Life	69,143,318.00	46,063,572.00	18,134,699.00	16,840,954.00	2,220,801.00	152,403,344.00	
Total Cost	103,922,020.00	64,180,350.00	28,849,085.00	30,966,162.00	11,771,529.00	239,689,146.00	

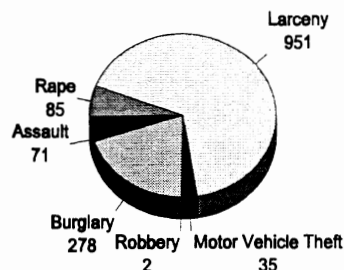
Costs of Index Crimes in Berrien County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	208,175.00	197,540.00	238,238.00	776,836.00	0.00	0.00	0.00	1,420,789.00	
Future Earnings	10,635,911.00	568,650.00	450,736.00	1,348,330.00	44,180.00	100,944.00	30,149.00	13,178,900.00	
Public Service	21,637.00	86,530.00	86,086.00	272,140.00	673,745.00	2,195,532.00	110,887.00	3,446,557.00	
Property Damage Loss	13,266.00	17,340.00	251,394.00	65,561.00	4,358,357.00	4,542,480.00	2,526,895.00	11,775,293.00	
Subtotal (Monetary Cost)	10,878,989.00	870,060.00	1,026,454.00	2,462,867.00	5,076,282.00	6,838,956.00	2,667,931.00	29,821,539.00	
Quality of Life	20,362,221.00	19,399,890.00	2,455,024.00	9,146,378.00	625,147.00	0.00	131,838.00	52,120,498.00	
Total Cost	31,241,210.00	20,269,950.00	3,481,478.00	11,609,245.00	5,701,429.00	6,838,956.00	2,799,769.00	81,942,037.00	

Branch County 1993

Number of Traffic Crash Casualties

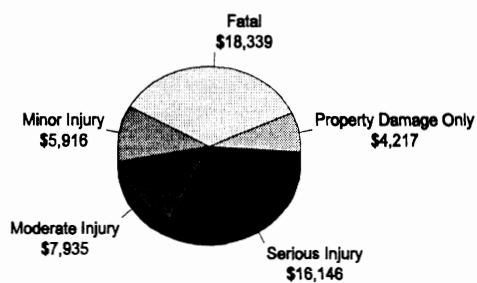


Number of Index Crimes



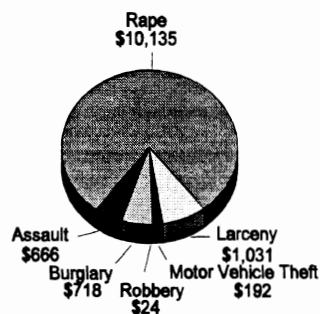
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$12,765,823

Cost of Index Crimes per county resident: \$305

Cost of Index Crimes per tax return filed: \$695

Total cost of traffic crashes: \$52,553,498

Cost of Traffic Crashes per county resident: \$1,255

Cost of Traffic Crashes per tax return filed: \$2,863

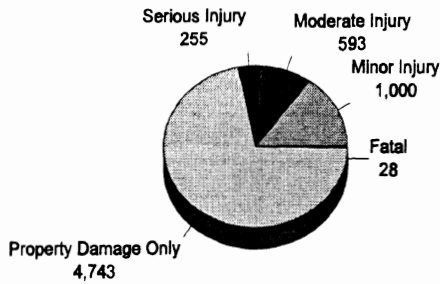
Total Population (1992): 41,871
Tax Returns Filed (1992): 18,356

Costs of Traffic Crashes in Branch County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	120,150.00	1,960,880.00	888,874.00	673,895.00	260,610.00	3,904,409.00	
Future Earnings	5,942,058.00	2,182,320.00	1,327,083.00	1,089,415.00	631,596.00	11,172,472.00	
Public Service	7,230.00	28,000.00	35,984.00	40,015.00	52,122.00	163,351.00	
Property Damage Loss	67,974.00	386,560.00	695,114.00	895,435.00	2,477,328.00	4,522,411.00	
Subtotal (Monetary Cost)	6,137,418.00	4,557,680.00	2,946,882.00	2,698,760.00	3,421,656.00	19,762,396.00	
Quality of Life	12,201,762.00	11,588,320.00	4,987,763.00	3,217,630.00	795,627.00	32,791,102.00	
Total Cost	18,339,180.00	16,146,000.00	7,934,645.00	5,916,390.00	4,217,283.00	52,553,498.00	

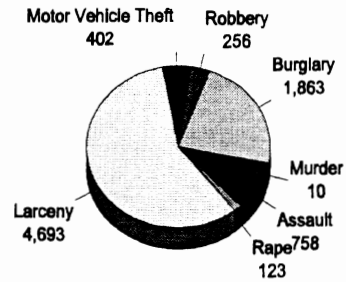
Costs of Index Crimes in Branch County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	98,770.00	1,666.00	44,588.00	0.00	0.00	0.00	145,024.00	
Future Earnings	0.00	284,325.00	3,152.00	77,390.00	5,560.00	15,216.00	2,065.00	387,708.00	
Public Service	0.00	43,265.00	602.00	15,620.00	84,790.00	330,948.00	7,595.00	482,820.00	
Property Damage Loss	0.00	8,670.00	1,758.00	3,763.00	548,494.00	684,720.00	173,075.00	1,420,480.00	
Subtotal (Monetary Cost)	0.00	435,030.00	7,178.00	141,361.00	638,844.00	1,030,884.00	182,735.00	2,436,032.00	
Quality of Life	0.00	9,699,945.00	17,168.00	524,974.00	78,674.00	0.00	9,030.00	10,329,791.00	
Total Cost	0.00	10,134,975.00	24,346.00	666,335.00	717,518.00	1,030,884.00	191,765.00	12,765,823.00	

Calhoun County 1993

Number of Traffic Crash Casualties

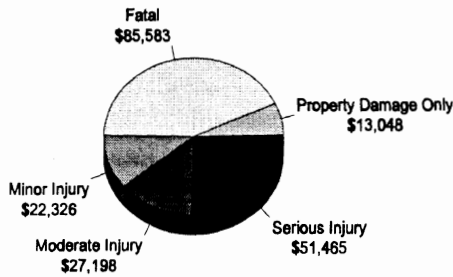


Number of Index Crimes



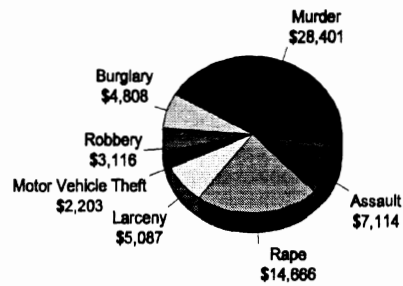
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$65,395,296

Cost of Index Crimes per county resident: \$473

Cost of Index Crimes per tax return filed: \$1,063

Total cost of traffic crashes: \$199,620,153

Cost of Traffic Crashes per county resident: \$1,443

Cost of Traffic Crashes per tax return filed: \$3,245

Total Population (1992): 138,381

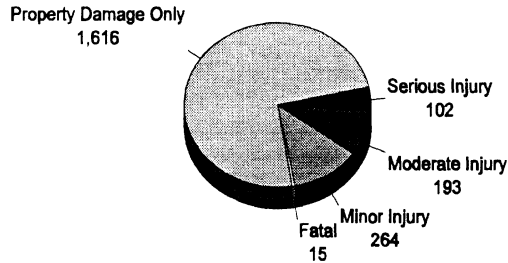
Tax Returns Filed (1992): 61,524

Costs of Traffic Crashes in Calhoun County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	560,700.00	6,250,305.00	3,046,834.00	2,543,000.00	806,310.00	13,207,149.00	
Future Earnings	27,729,604.00	6,956,145.00	4,548,903.00	4,111,000.00	1,954,116.00	45,299,768.00	
Public Service	33,740.00	89,250.00	123,344.00	151,000.00	161,262.00	558,596.00	
Property Damage Loss	317,212.00	1,232,160.00	2,382,674.00	3,379,000.00	7,664,688.00	14,975,734.00	
Subtotal (Monetary Cost)	28,641,284.00	14,527,605.00	10,101,162.00	10,184,000.00	10,586,376.00	74,040,427.00	
Quality of Life	56,941,556.00	36,937,770.00	17,096,783.00	12,142,000.00	2,461,617.00	125,579,726.00	
Total Cost	85,582,840.00	51,465,375.00	27,197,945.00	22,326,000.00	13,047,993.00	199,620,153.00	

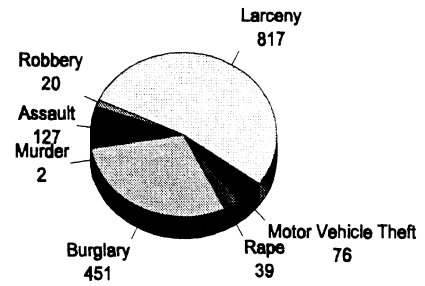
Costs of Index Crimes in Calhoun County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	189,250.00	142,926.00	213,248.00	476,024.00	0.00	0.00	0.00	1,021,448.00	
Future Earnings	9,669,010.00	411,435.00	403,456.00	826,220.00	37,260.00	75,088.00	23,718.00	11,446,187.00	
Public Service	19,670.00	62,607.00	77,056.00	166,760.00	568,215.00	1,633,164.00	87,234.00	2,614,706.00	
Property Damage Loss	12,060.00	12,546.00	225,024.00	40,174.00	3,675,699.00	3,378,960.00	1,987,890.00	9,332,353.00	
Subtotal (Monetary Cost)	9,889,990.00	629,514.00	918,784.00	1,509,178.00	4,281,174.00	5,087,212.00	2,098,842.00	24,414,694.00	
Quality of Life	18,511,110.00	14,036,391.00	2,197,504.00	5,604,652.00	527,229.00	0.00	103,716.00	40,980,602.00	
Total Cost	28,401,100.00	14,665,905.00	3,116,288.00	7,113,830.00	4,808,403.00	5,087,212.00	2,202,558.00	65,395,296.00	

Cass County 1993

Number of Traffic Crash Casualties

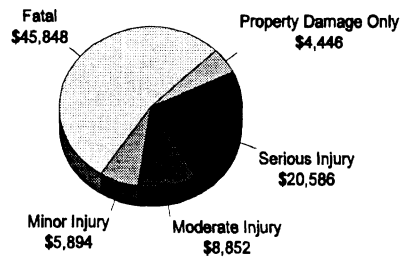


Number of Index Crimes



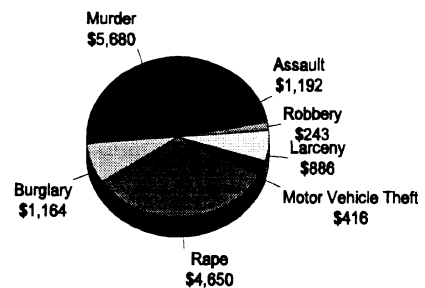
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$14,231,803

Cost of Index Crimes per county resident: \$290

Costs of Index Crimes per tax return filed: \$895

Total cost of traffic crashes: \$85,625,725

Cost of Traffic Crashes per county resident: \$1,743

Cost of Traffic Crashes per tax return filed: \$5,386

Total Population (1992): 49,112

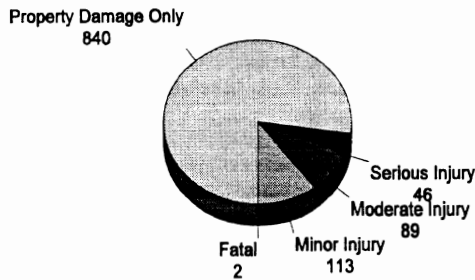
Tax Returns Filed(1992): 15,898

Costs of Traffic Crashes in Cass County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	300,375.00	2,500,122.00	991,634.00	671,352.00	274,720.00	4,738,203.00	
Future Earnings	14,855,145.00	2,782,458.00	1,480,503.00	1,085,304.00	665,792.00	20,869,202.00	
Public Service	18,075.00	35,700.00	40,144.00	39,864.00	54,944.00	188,727.00	
Property Damage Loss	169,935.00	492,864.00	775,474.00	892,056.00	2,611,456.00	4,941,785.00	
Subtotal (Monetary Cost)	15,343,545.00	5,811,042.00	3,287,562.00	2,688,576.00	3,606,912.00	30,737,637.00	
Quality of Life	30,504,405.00	14,775,108.00	5,564,383.00	3,205,488.00	838,704.00	54,888,088.00	
Total Cost	45,847,950.00	20,586,150.00	8,851,945.00	5,894,064.00	4,445,616.00	85,625,725.00	

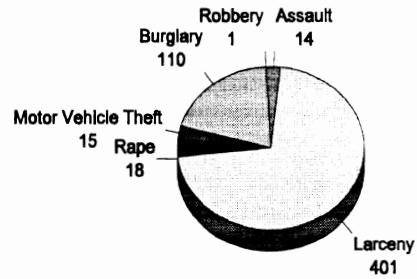
Costs of Index Crimes in Cass County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	37,850.00	45,318.00	16,660.00	79,756.00	0.00	0.00	0.00	179,584.00	
Future Earnings	1,933,802.00	130,455.00	31,520.00	138,430.00	9,020.00	13,072.00	4,484.00	2,260,783.00	
Public Service	3,934.00	19,851.00	6,020.00	27,940.00	137,555.00	284,316.00	16,492.00	496,108.00	
Property Damage Loss	2,412.00	3,978.00	17,580.00	6,731.00	889,823.00	588,240.00	375,820.00	1,884,584.00	
Subtotal (Monetary Cost)	1,977,998.00	199,602.00	71,780.00	252,857.00	1,036,398.00	885,628.00	396,796.00	4,821,059.00	
Quality of Life	3,702,222.00	4,450,563.00	171,680.00	939,038.00	127,633.00	0.00	19,608.00	9,410,744.00	
Total Cost	5,680,220.00	4,650,165.00	243,460.00	1,191,895.00	1,164,031.00	885,628.00	416,404.00	14,231,803.00	

Charlevoix County 1993

Number of Traffic Crash Casualties

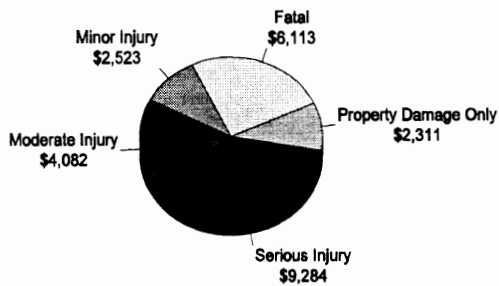


Number of Index Crimes



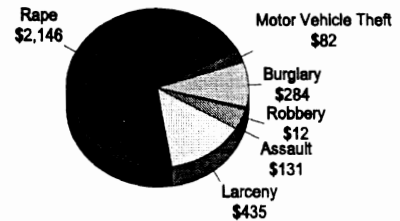
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$3,090,572

Cost of Index Crimes per county resident: \$139

Cost of Index Crimes per tax return filed: \$271

Total cost of traffic crashes: \$24,312,673

Cost of Traffic Crashes per county resident: \$1,094

Cost of Traffic Crashes per tax return filed: \$2,131

Total Population (1992): 22,225

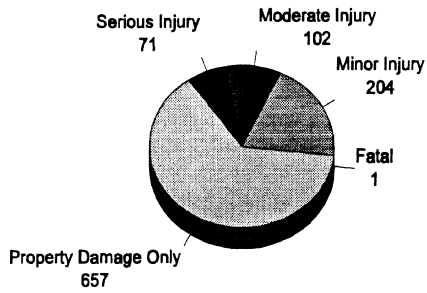
Tax Returns Filed (1992): 11,409

Costs of Traffic Crashes in Charlevoix County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	40,505.00	1,127,506.00	457,282.00	287,359.00	142,800.00	2,054,997.00	
Future Earnings	1,980,686.00	1,254,834.00	682,719.00	464,543.00	346,080.00	4,728,862.00	
Public Service	2,410.00	16,100.00	18,512.00	17,063.00	28,560.00	82,645.00	
Property Damage Loss	22,658.00	222,272.00	357,602.00	381,827.00	1,357,440.00	2,341,799.00	
Subtotal (Monetary Cost)	2,045,806.00	2,620,666.00	1,516,026.00	1,150,792.00	1,874,880.00	9,208,170.00	
Quality of Life	4,067,254.00	6,663,284.00	2,565,959.00	1,372,046.00	435,960.00	15,104,503.00	
Total Cost	6,113,060.00	9,283,950.00	4,081,985.00	2,522,838.00	2,310,840.00	24,312,673.00	

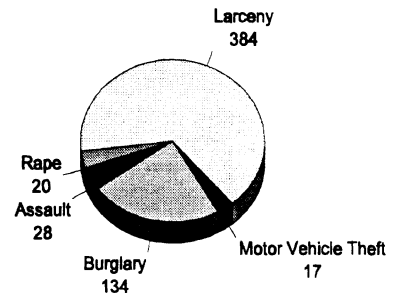
Costs of Index Crimes in Charlevoix County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	20,916.00	833.00	8,792.00	0.00	0.00	0.00	30,541.00	
Future Earnings	0.00	60,210.00	1,576.00	15,260.00	2,200.00	6,416.00	885.00	86,547.00	
Public Service	0.00	9,162.00	301.00	3,080.00	33,550.00	139,548.00	3,255.00	188,896.00	
Property Damage Loss	0.00	1,836.00	879.00	742.00	217,030.00	288,720.00	74,175.00	583,382.00	
Subtotal (Monetary Cost)	0.00	92,124.00	3,589.00	27,874.00	252,780.00	434,684.00	78,315.00	889,366.00	
Quality of Life	0.00	2,054,106.00	8,584.00	103,516.00	31,130.00	0.00	3,870.00	2,201,206.00	
Total Cost	0.00	2,146,230.00	12,173.00	131,390.00	283,910.00	434,684.00	82,185.00	3,090,572.00	

Cheboygan County 1993

Number of Traffic Crash Casualties

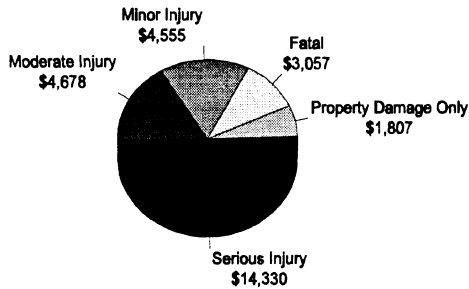


Number of Index Crimes



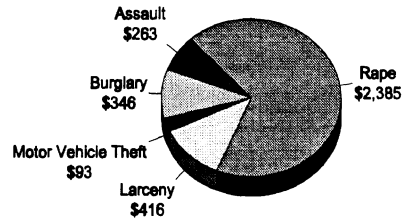
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$3,502,733
 Cost of Index Crimes per county resident: \$161
 Cost of Index Crimes per tax return filed: \$327

Total cost of traffic crashes: \$28,426,246
 Cost of Traffic Crashes per county resident: \$1,305
 Cost of Traffic Crashes per tax return filed: \$2,655

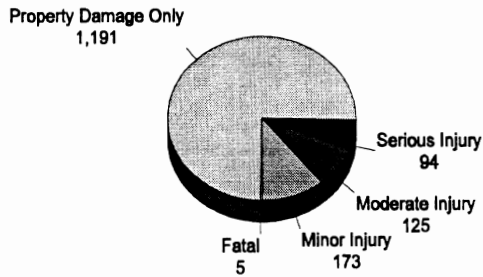
Total Population (1992): 21,780
 Tax Returns Filed (1992): 10,708

Costs of Traffic Crashes in Cheboygan County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	20,025.00	1,740,281.00	524,076.00	518,772.00	111,690.00	2,914,844.00
Future Earnings	990,343.00	1,936,809.00	782,442.00	838,644.00	270,684.00	4,818,922.00
Public Service	1,205.00	24,850.00	21,216.00	30,804.00	22,338.00	100,413.00
Property Damage Loss	11,329.00	343,072.00	409,836.00	689,316.00	1,061,712.00	2,515,265.00
Subtotal (Monetary Cost)	1,022,903.00	4,044,941.00	1,737,468.00	2,077,536.00	1,466,424.00	10,349,272.00
Quality of Life	2,033,627.00	10,284,634.00	2,940,762.00	2,476,968.00	340,983.00	18,076,974.00
Total Cost	3,056,530.00	14,329,575.00	4,678,230.00	4,554,504.00	1,807,407.00	28,426,246.00

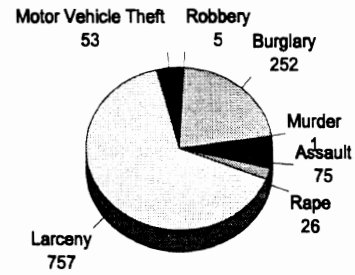
Costs of Index Crimes in Cheboygan County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	23,240.00	0.00	17,584.00	0.00	0.00	0.00	40,824.00	
Future Earnings	0.00	66,900.00	0.00	30,520.00	2,680.00	6,144.00	1,003.00	107,247.00	
Public Service	0.00	10,180.00	0.00	6,160.00	40,870.00	133,632.00	3,689.00	194,531.00	
Property Damage Loss	0.00	2,040.00	0.00	1,484.00	264,382.00	276,480.00	84,065.00	628,451.00	
Subtotal (Monetary Cost)	0.00	102,360.00	0.00	55,748.00	307,932.00	416,256.00	88,757.00	971,053.00	
Quality of Life	0.00	2,282,340.00	0.00	207,032.00	37,922.00	0.00	4,386.00	2,531,680.00	
Total Cost	0.00	2,384,700.00	0.00	262,780.00	345,854.00	416,256.00	93,143.00	3,502,733.00	

Chippewa County 1993

Number of Traffic Crash Casualties

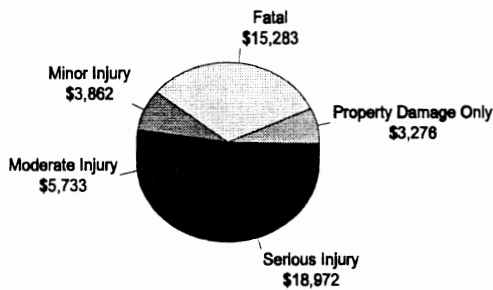


Number of Index Crimes



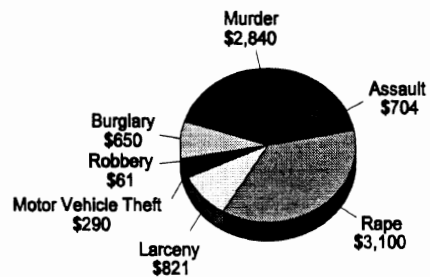
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$8,466,347

Cost of Index Crimes per county resident: \$238

Cost of Index Crimes per tax return filed: \$643

Total cost of traffic crashes: \$47,126,164

Cost of Traffic Crashes per county resident: \$1,322

Cost of Traffic Crashes per tax return filed: \$3,577

Total Population (1992): 35,640

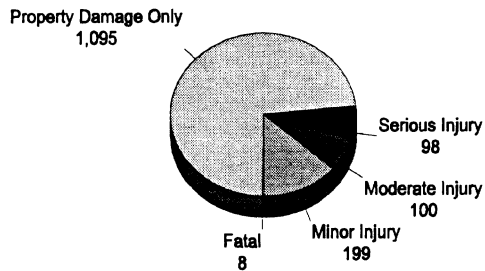
Tax Returns Filed (1992): 13,176

Costs of Traffic Crashes in Chippewa County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	100,125.00	2,304,034.00	642,250.00	439,939.00	202,470.00	3,688,818.00
Future Earnings	4,951,715.00	2,564,226.00	958,875.00	711,203.00	490,692.00	9,676,711.00
Public Service	6,025.00	32,900.00	26,000.00	26,123.00	40,494.00	131,542.00
Property Damage Loss	56,645.00	454,208.00	502,250.00	584,567.00	1,924,656.00	3,522,326.00
Subtotal (Monetary Cost)	5,114,515.00	5,355,274.00	2,129,250.00	1,761,832.00	2,658,312.00	17,019,183.00
Quality of Life	10,168,135.00	13,616,276.00	3,603,875.00	2,100,566.00	618,129.00	30,106,981.00
Total Cost	15,282,650.00	18,971,550.00	5,733,125.00	3,862,398.00	3,276,441.00	47,126,164.00

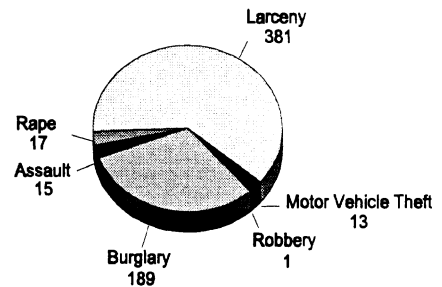
Costs of Index Crimes in Chippewa County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	30,212.00	4,165.00	47,100.00	0.00	0.00	0.00	100,402.00
Future Earnings	966,901.00	86,970.00	7,880.00	81,750.00	5,040.00	12,112.00	3,127.00	1,163,780.00
Public Service	1,967.00	13,234.00	1,505.00	16,500.00	76,860.00	263,436.00	11,501.00	385,003.00
Property Damage Loss	1,206.00	2,652.00	4,395.00	3,975.00	497,196.00	545,040.00	262,085.00	1,316,549.00
Subtotal (Monetary Cost)	988,999.00	133,068.00	17,945.00	149,325.00	579,096.00	820,588.00	276,713.00	2,965,734.00
Quality of Life	1,851,111.00	2,967,042.00	42,920.00	554,550.00	71,316.00	0.00	13,674.00	5,500,613.00
Total Cost	2,840,110.00	3,100,110.00	60,865.00	703,875.00	650,412.00	820,588.00	290,387.00	8,466,347.00

Clare County 1993

Number of Traffic Crash Casualties

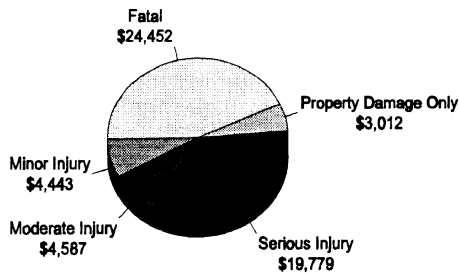


Number of Index Crimes



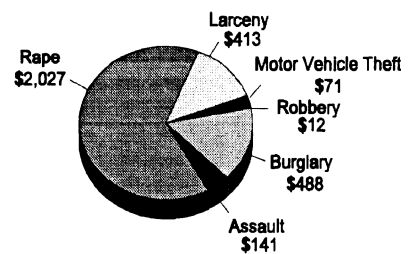
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$3,151,983
 Cost of Index Crimes per county resident: \$119
 Cost of Index Crimes per tax return filed: \$287

Total cost of traffic crashes: \$56,272,809
 Cost of Traffic Crashes per county resident: \$2,133
 Cost of Traffic Crashes per tax return filed: \$5,121

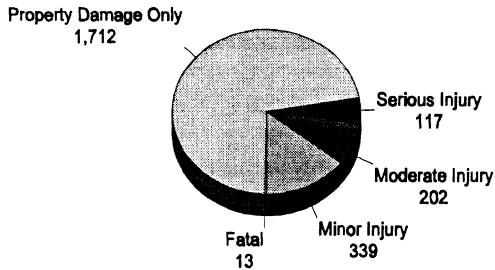
Total Population (1992): 26,384
 Tax Returns Filed (1992): 10,989

Costs of Traffic Crashes in Clare County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	2,402,078.00	513,800.00	506,057.00	186,150.00	3,768,285.00
Future Earnings	7,922,744.00	2,673,342.00	767,100.00	818,089.00	451,140.00	12,632,415.00
Public Service	9,640.00	34,300.00	20,800.00	30,049.00	37,230.00	132,019.00
Property Damage Loss	90,632.00	473,536.00	401,800.00	672,421.00	1,769,520.00	3,407,909.00
Subtotal (Monetary Cost)	8,183,224.00	5,583,158.00	1,703,400.00	2,026,616.00	2,444,040.00	19,940,438.00
Quality of Life	16,269,016.00	14,195,692.00	2,883,100.00	2,416,258.00	568,305.00	36,332,371.00
Total Cost	24,452,240.00	19,778,850.00	4,586,500.00	4,442,874.00	3,012,345.00	56,272,809.00

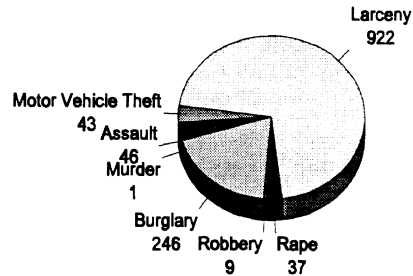
Costs of Index Crimes in Clare County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	19,754.00	833.00	9,420.00	0.00	0.00	0.00	30,007.00
Future Earnings	0.00	56,865.00	1,576.00	16,350.00	3,780.00	6,096.00	767.00	85,434.00
Public Service	0.00	8,653.00	301.00	3,300.00	57,645.00	132,588.00	2,821.00	205,308.00
Property Damage Loss	0.00	1,734.00	879.00	795.00	372,897.00	274,320.00	64,285.00	714,910.00
Subtotal (Monetary Cost)	0.00	87,006.00	3,589.00	29,865.00	434,322.00	413,004.00	67,873.00	1,035,659.00
Quality of Life	0.00	1,939,989.00	8,584.00	110,910.00	53,487.00	0.00	3,354.00	2,116,324.00
Total Cost	0.00	2,026,995.00	12,173.00	140,775.00	487,809.00	413,004.00	71,227.00	3,151,983.00

Clinton County 1993

Number of Traffic Crash Casualties

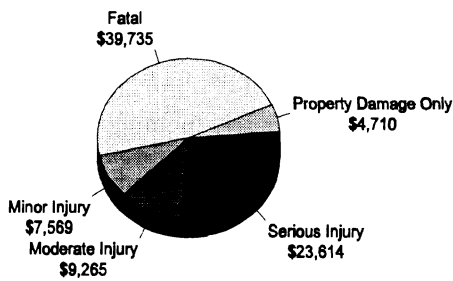


Number of Index Crimes



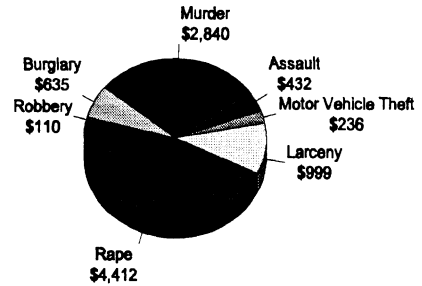
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$9,663,043
 Cost of Index Crimes per county resident: \$163
 Cost of Index crimes per tax return filed: \$590

Total cost of traffic crashes: \$84,891,371
 Cost of Traffic Crashes per county resident: \$1,429
 Cost of Traffic Crashes per tax return filed: \$5,179

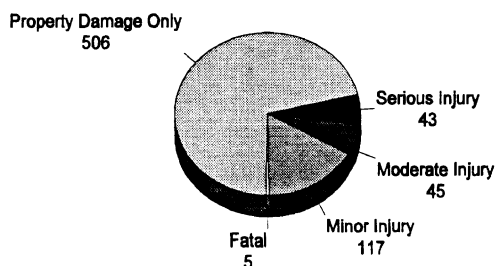
Total Population (1992): 59,397
 Tax Returns Filed (1992): \$16,391

Costs of Traffic Crashes in Clinton County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	260,325.00	2,867,787.00	1,037,876.00	862,077.00	291,040.00	5,319,105.00
Future Earnings	12,874,459.00	3,191,643.00	1,549,542.00	1,393,629.00	705,344.00	19,714,617.00
Public Service	15,665.00	40,950.00	42,016.00	51,189.00	58,208.00	208,028.00
Property Damage Loss	147,277.00	565,344.00	811,636.00	1,145,481.00	2,766,592.00	5,436,330.00
Subtotal (Monetary Cost)	13,297,739.00	6,665,607.00	3,440,868.00	3,452,376.00	3,821,184.00	30,677,774.00
Quality of Life	26,437,151.00	16,947,918.00	5,823,862.00	4,116,138.00	888,528.00	54,213,597.00
Total Cost	39,734,890.00	23,613,525.00	9,264,730.00	7,568,514.00	4,709,712.00	84,891,371.00

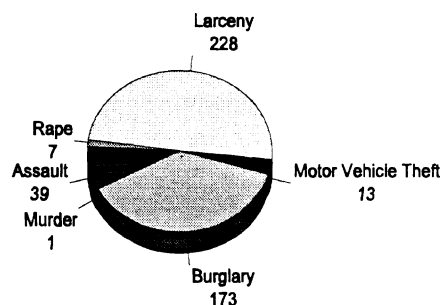
Costs of Index Crimes in Clinton County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	42,994.00	7,497.00	28,888.00	0.00	0.00	0.00	98,304.00
Future Earnings	966,901.00	123,765.00	14,184.00	50,140.00	4,920.00	14,752.00	2,537.00	1,177,199.00
Public Service	1,967.00	18,833.00	2,709.00	10,120.00	75,030.00	320,856.00	9,331.00	438,846.00
Property Damage Loss	1,206.00	3,774.00	7,911.00	2,438.00	485,358.00	663,840.00	212,635.00	1,377,162.00
Subtotal (Monetary Cost)	988,999.00	189,366.00	32,301.00	91,586.00	565,308.00	999,448.00	224,503.00	3,091,511.00
Quality of Life	1,851,111.00	4,222,329.00	77,256.00	340,124.00	69,618.00	0.00	11,094.00	6,571,532.00
Total Cost	2,840,110.00	4,411,695.00	109,557.00	431,710.00	634,926.00	999,448.00	235,597.00	9,663,043.00

Crawford County 1993

Number of Traffic Crash Casualties

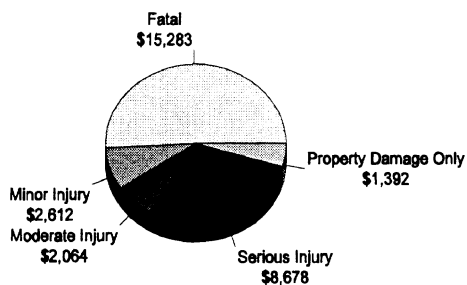


Number of Index Crimes



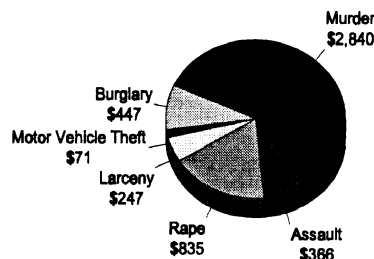
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$4,805,662
 Cost of Index Crimes per county resident: \$370
 Cost of Index Crimes per tax return filed: \$867

Total cost of traffic crashes: \$30,029,198
 Cost of Traffic Crashes per county resident: \$2,315
 Cost of Traffic Crashes per tax return filed: \$5,419

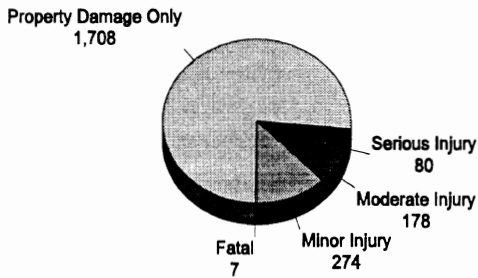
Total Population (1992): 12,972
 Tax Returns Filed (1992): 5,541

Costs of Traffic Crashes in Crawford County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	100,125.00	1,053,973.00	231,210.00	297,531.00	86,020.00	1,768,859.00
Future Earnings	4,951,715.00	1,172,997.00	345,195.00	480,987.00	208,472.00	7,159,366.00
Public Service	6,025.00	15,050.00	9,360.00	17,667.00	17,204.00	65,306.00
Property Damage Loss	56,645.00	207,776.00	180,810.00	395,343.00	817,696.00	1,658,270.00
Subtotal (Monetary Cost)	5,114,515.00	2,449,753.00	766,530.00	1,191,528.00	1,129,392.00	10,651,718.00
Quality of Life	10,168,135.00	6,228,722.00	1,297,395.00	1,420,614.00	262,614.00	19,377,480.00
Total Cost	15,282,650.00	8,679,475.00	2,063,925.00	2,612,142.00	1,392,006.00	30,029,198.00

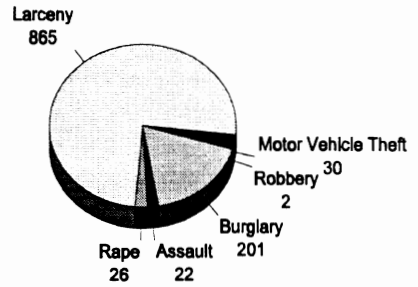
Costs of Index Crimes in Crawford County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	18,925.00	8,134.00	0.00	24,492.00	0.00	0.00	0.00	51,551.00	
Future Earnings	966,901.00	23,415.00	0.00	42,510.00	3,460.00	3,648.00	767.00	1,040,701.00	
Public Service	1,967.00	3,563.00	0.00	8,580.00	52,765.00	79,344.00	2,821.00	149,040.00	
Property Damage Loss	1,206.00	714.00	0.00	2,067.00	341,329.00	164,160.00	64,285.00	573,761.00	
Subtotal (Monetary Cost)	988,999.00	35,826.00	0.00	77,649.00	397,554.00	247,152.00	67,873.00	1,815,053.00	
Quality of Life	1,851,111.00	798,819.00	0.00	288,366.00	48,959.00	0.00	3,354.00	2,990,609.00	
Total Cost	2,840,110.00	834,645.00	0.00	366,015.00	446,513.00	247,152.00	71,227.00	4,805,662.00	

Delta County 1993

Number of Traffic Crash Casualties

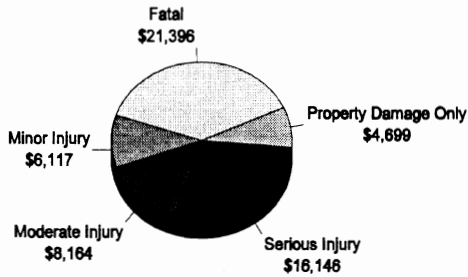


Number of Index Crimes



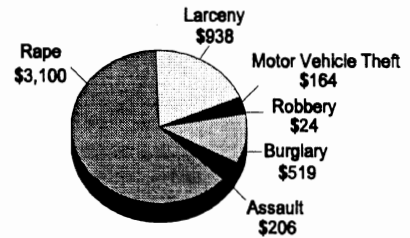
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$4,951,737
 Cost of Index Crimes per county resident: \$130
 Cost of Index Crimes per tax return filed: \$326

Total cost of traffic crashes: \$56,521,712
 Cost of Traffic Crashes per county resident: \$1,479
 Cost of Traffic Crashes per tax return filed: \$3,719

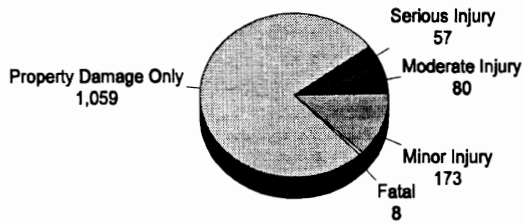
Total Population (1992): 38,208
 Tax Returns Filed (1992): 15,197

Costs of Traffic Crashes in Delta County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	140,175.00	1,960,880.00	914,564.00	696,782.00	290,360.00	4,002,761.00
Future Earnings	6,932,401.00	2,182,320.00	1,365,438.00	1,126,414.00	703,696.00	12,310,269.00
Public Service	8,435.00	28,000.00	37,024.00	41,374.00	58,072.00	172,905.00
Property Damage Loss	79,303.00	386,560.00	715,204.00	925,846.00	2,760,128.00	4,867,041.00
Subtotal (Monetary Cost)	7,160,321.00	4,557,680.00	3,032,052.00	2,790,416.00	3,812,256.00	21,352,725.00
Quality of Life	14,235,389.00	11,588,320.00	5,131,918.00	3,326,908.00	886,452.00	35,168,987.00
Total Cost	21,395,710.00	16,146,000.00	8,163,970.00	6,117,324.00	4,698,708.00	56,521,712.00

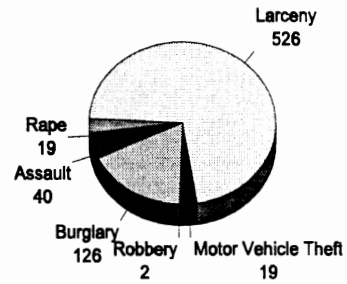
Costs of Index Crimes in Delta County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	30,212.00	1,666.00	13,816.00	0.00	0.00	0.00	45,694.00
Future Earnings	0.00	86,970.00	3,152.00	23,980.00	4,020.00	13,840.00	1,770.00	133,732.00
Public Service	0.00	13,234.00	602.00	4,840.00	61,305.00	301,020.00	6,510.00	387,511.00
Property Damage Loss	0.00	2,652.00	1,758.00	1,166.00	396,573.00	622,800.00	148,350.00	1,173,299.00
Subtotal (Monetary Cost)	0.00	133,068.00	7,178.00	43,802.00	461,898.00	937,660.00	156,630.00	1,740,236.00
Quality of Life	0.00	2,967,042.00	17,168.00	162,668.00	56,883.00	0.00	7,740.00	3,211,501.00
Total Cost	0.00	3,100,110.00	24,346.00	206,470.00	518,781.00	937,660.00	164,370.00	4,951,737.00

Dickinson County 1993

Number of Traffic Crash Casualties

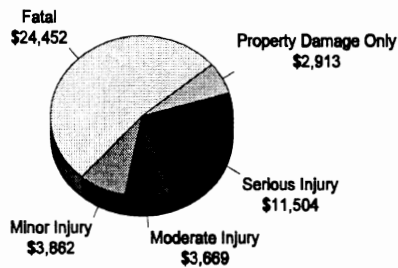


Number of Index Crimes



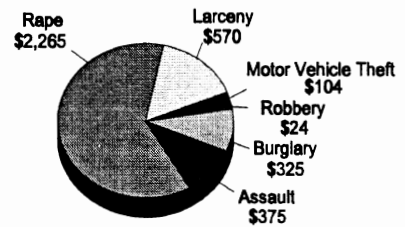
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$3,664,702

Cost of Index Crimes per county resident: \$136

Cost of Index Crimes per tax return filed: \$366

Total cost of traffic crashes: \$46,401,172

Cost of Traffic Crashes per county resident: \$1,718

Cost of Traffic Crashes per tax return filed: \$4,632

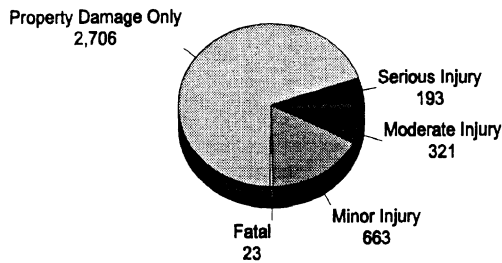
Total Population (1992): 27,014
Tax Returns Filed (1992): 10,017

Costs of Traffic Crashes in Dickinson County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	1,397,127.00	411,040.00	439,939.00	180,030.00	2,588,336.00
Future Earnings	7,922,744.00	1,554,903.00	613,680.00	711,203.00	436,308.00	11,238,838.00
Public Service	9,640.00	19,950.00	16,640.00	26,123.00	36,006.00	108,359.00
Property Damage Loss	90,632.00	275,424.00	321,440.00	584,567.00	1,711,344.00	2,983,407.00
Subtotal (Monetary Cost)	8,183,224.00	3,247,347.00	1,362,720.00	1,761,832.00	2,363,688.00	16,918,811.00
Quality of Life	16,269,016.00	8,256,678.00	2,306,480.00	2,100,566.00	549,621.00	29,482,361.00
Total Cost	24,452,240.00	11,504,025.00	3,669,200.00	3,862,398.00	2,913,309.00	46,401,172.00

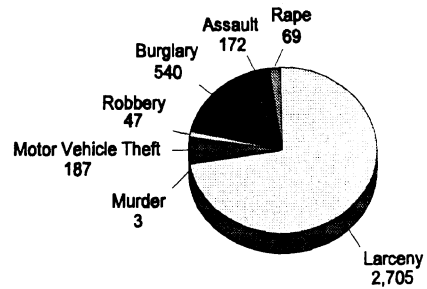
Costs of Index Crimes in Dickinson County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	22,078.00	1,666.00	25,120.00	0.00	0.00	0.00	48,864.00
Future Earnings	0.00	63,555.00	3,152.00	43,600.00	2,520.00	8,416.00	1,121.00	122,364.00
Public Service	0.00	9,671.00	602.00	8,800.00	38,430.00	183,048.00	4,123.00	244,674.00
Property Damage Loss	0.00	1,938.00	1,758.00	2,120.00	248,598.00	378,720.00	93,955.00	727,089.00
Subtotal (Monetary Cost)	0.00	97,242.00	7,178.00	79,640.00	289,548.00	570,184.00	99,199.00	1,142,991.00
Quality of Life	0.00	2,168,223.00	17,168.00	295,760.00	35,658.00	0.00	4,902.00	2,521,711.00
Total Cost	0.00	2,265,465.00	24,346.00	375,400.00	325,206.00	570,184.00	104,101.00	3,664,702.00

Eaton County 1993

Number of Traffic Crash Casualties

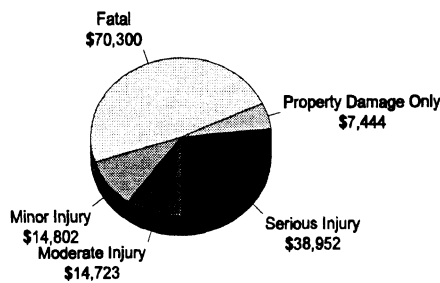


Number of Index Crimes



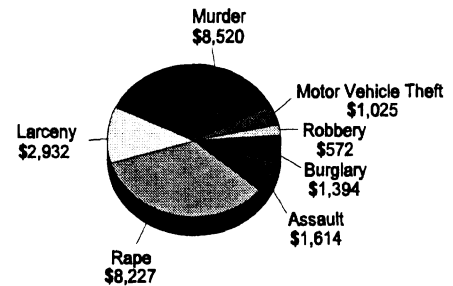
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$24,284,429
 Cost of Index Crimes per county resident: \$255
 Cost of Index Crimes per tax return filed: \$828

Total cost of traffic crashes: \$146,221,424
 Cost of Traffic Crashes per county resident: \$1,535
 Cost of Traffic Crashes per tax return filed: \$4,984

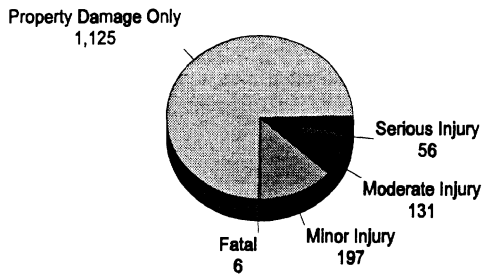
Total Population (1992): 95,253
 Tax Refunds Filed (1992): 29,336

Costs of Traffic Crashes in Eaton County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	460,575.00	4,730,623.00	1,649,298.00	1,686,009.00	460,020.00	8,986,525.00
Future Earnings	22,777,889.00	5,264,847.00	2,462,391.00	2,725,593.00	1,114,872.00	34,345,592.00
Public Service	27,715.00	67,550.00	66,768.00	100,113.00	92,004.00	354,150.00
Property Damage Loss	260,567.00	932,576.00	1,289,778.00	2,240,277.00	4,372,896.00	9,096,094.00
Subtotal (Monetary Cost)	23,526,769.00	10,995,403.00	5,467,914.00	6,751,992.00	6,039,792.00	52,781,870.00
Quality of Life	46,773,421.00	27,956,822.00	9,254,751.00	8,050,146.00	1,404,414.00	93,439,554.00
Total Cost	70,300,190.00	38,952,225.00	14,722,665.00	14,802,138.00	7,444,206.00	146,221,424.00

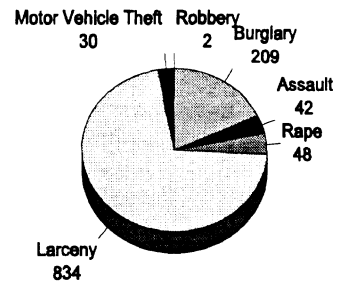
Costs of Index Crimes in Eaton County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	56,775.00	80,178.00	39,151.00	108,016.00	0.00	0.00	0.00	284,120.00
Future Earnings	2,900,703.00	230,805.00	74,072.00	187,480.00	10,800.00	43,280.00	11,033.00	3,458,173.00
Public Service	5,901.00	35,121.00	14,147.00	37,840.00	164,700.00	941,340.00	40,579.00	1,239,628.00
Property Damage Loss	3,618.00	7,038.00	41,313.00	9,116.00	1,065,420.00	1,947,600.00	924,715.00	3,998,820.00
Subtotal (Monetary Cost)	2,966,997.00	353,142.00	168,683.00	342,452.00	1,240,920.00	2,932,220.00	976,327.00	8,980,741.00
Quality of Life	5,553,333.00	7,874,073.00	403,448.00	1,271,768.00	152,820.00	0.00	48,246.00	15,303,688.00
Total Cost	8,520,330.00	8,227,215.00	572,131.00	1,614,220.00	1,393,740.00	2,932,220.00	1,024,573.00	24,284,429.00

Emmet County 1993

Number of Traffic Crash Casualties

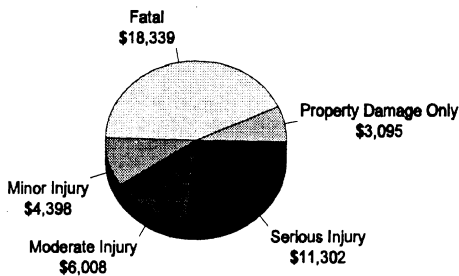


Number of Index Crimes



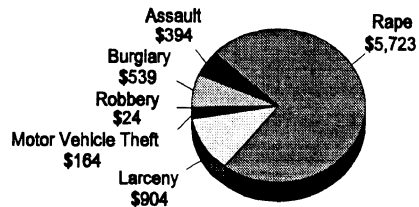
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$7,749,651
 Cost of Index Crimes per county resident: \$297
 Cost of Index Crimes per tax return filed: \$559

Total cost of traffic crashes: \$43,142,792
 Cost of Traffic Crashes per county resident: \$1,656
 Cost of Traffic Crashes per tax return filed: \$3,112

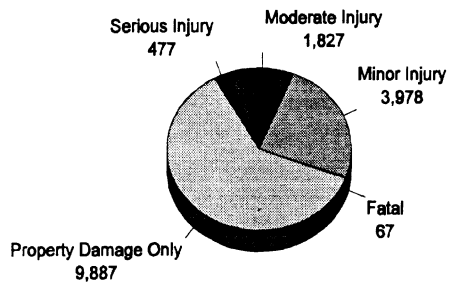
Total Population (1992): 26,057
 Tax Returns Filed (1992): 13,865

Costs of Traffic Crashes in Emmet County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	120,150.00	1,372,616.00	673,078.00	500,971.00	191,250.00	2,858,065.00
Future Earnings	5,942,058.00	1,527,624.00	1,004,901.00	809,867.00	463,500.00	9,747,950.00
Public Service	7,230.00	19,600.00	27,248.00	29,747.00	38,250.00	122,075.00
Property Damage Loss	67,974.00	270,592.00	526,358.00	665,663.00	1,818,000.00	3,348,587.00
Subtotal (Monetary Cost)	6,137,418.00	3,190,376.00	2,231,454.00	2,006,248.00	2,511,000.00	16,076,496.00
Quality of Life	12,201,762.00	8,111,824.00	3,776,861.00	2,391,974.00	583,875.00	27,066,296.00
Total Cost	18,339,180.00	11,302,200.00	6,008,315.00	4,398,222.00	3,094,875.00	43,142,792.00

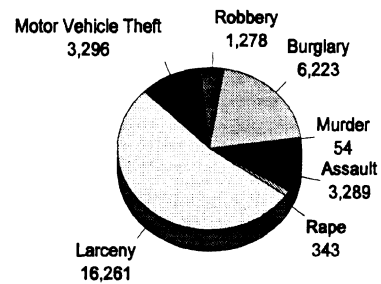
Costs of Index Crimes in Emmet County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	55,776.00	1,666.00	26,376.00	0.00	0.00	0.00	83,818.00	
Future Earnings	0.00	160,560.00	3,152.00	45,780.00	4,180.00	13,344.00	1,770.00	228,786.00	
Public Service	0.00	24,432.00	602.00	9,240.00	63,745.00	290,232.00	6,510.00	394,761.00	
Property Damage Loss	0.00	4,896.00	1,758.00	2,226.00	412,357.00	600,480.00	148,350.00	1,170,067.00	
Subtotal (Monetary Cost)	0.00	245,664.00	7,178.00	83,622.00	480,282.00	904,056.00	156,630.00	1,877,432.00	
Quality of Life	0.00	5,477,616.00	17,168.00	310,548.00	59,147.00	0.00	7,740.00	5,872,219.00	
Total Cost	0.00	5,723,280.00	24,346.00	394,170.00	539,429.00	904,056.00	164,370.00	7,749,651.00	

Genesee County 1993

Number of Traffic Crash Casualties

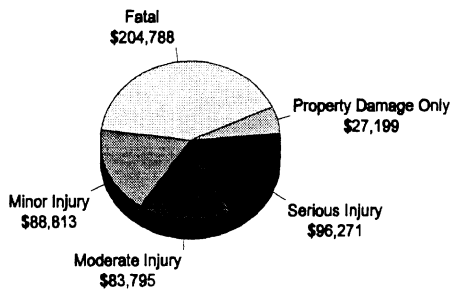


Number of Index Crimes



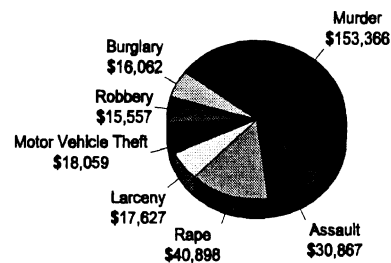
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$292,435,175

Cost of Index Crimes per county resident: \$675

Cost of Index Crimes per tax return filed: \$1,762

Total cost of traffic crashes: \$500,865,355

Cost of Traffic Crashes per county resident: \$1,155

Cost of Traffic Crashes per tax return filed: \$3,017

Total Population (1992): 433,508

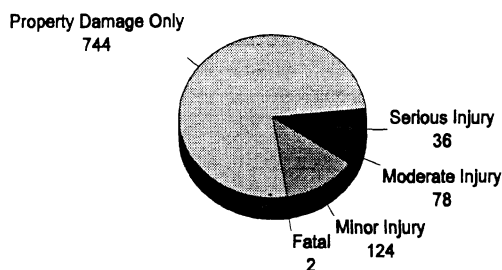
Tax Returns Filed (1992): 166,003

Costs of Traffic Crashes in Genesee County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	1,341,675.00	11,691,747.00	9,387,126.00	10,116,054.00	1,680,790.00	34,217,392.00	
Future Earnings	66,352,981.00	13,012,083.00	14,014,917.00	16,353,558.00	4,073,444.00	113,806,983.00	
Public Service	80,735.00	166,950.00	380,016.00	600,678.00	336,158.00	1,564,537.00	
Property Damage Loss	759,043.00	2,304,864.00	7,340,886.00	13,441,662.00	15,977,392.00	39,823,847.00	
Subtotal (Monetary Cost)	68,534,501.00	27,175,167.00	31,121,118.00	40,511,952.00	22,067,784.00	189,410,522.00	
Quality of Life	136,253,009.00	69,095,358.00	52,674,237.00	48,300,876.00	5,131,353.00	311,454,833.00	
Total Cost	204,787,510.00	96,270,525.00	83,795,355.00	88,812,828.00	27,199,137.00	500,865,355.00	

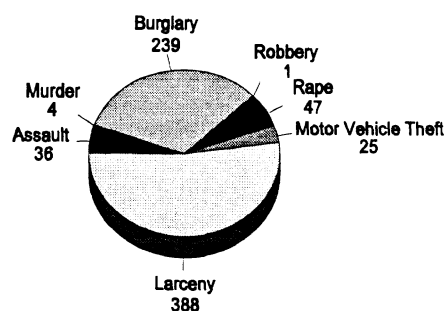
Costs of Index Crimes in Genesee County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	1,021,950.00	398,566.00	1,064,574.00	2,065,492.00	0.00	0.00	0.00	4,550,582.00	
Future Earnings	52,212,654.00	1,147,335.00	2,014,128.00	3,585,010.00	124,460.00	260,176.00	194,464.00	59,538,227.00	
Public Service	106,218.00	174,587.00	384,678.00	723,580.00	1,898,015.00	5,658,828.00	715,232.00	9,661,138.00	
Property Damage Loss	65,124.00	34,986.00	1,123,362.00	174,317.00	12,277,979.00	11,707,920.00	16,298,720.00	41,682,408.00	
Subtotal (Monetary Cost)	53,405,946.00	1,755,474.00	4,586,742.00	6,548,399.00	14,300,454.00	17,626,924.00	17,208,416.00	115,432,355.00	
Quality of Life	99,959,994.00	39,142,131.00	10,970,352.00	24,318,866.00	1,761,109.00	0.00	850,368.00	177,002,820.00	
Total Cost	153,365,940.00	40,897,605.00	15,557,094.00	30,867,265.00	16,061,563.00	17,626,924.00	18,058,784.00	292,435,175.00	

Gladwin County 1993

Number of Traffic Crash Casualties

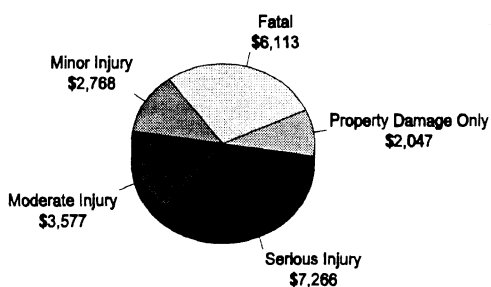


Number of Index Crimes



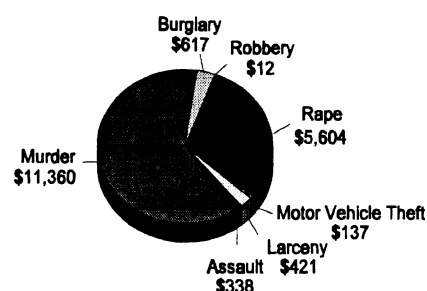
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$18,488,944
 Cost of Index Crimes per county resident: \$804
 Cost of Index Crimes per tax return filed: \$2,081

Total cost of traffic crashes: \$21,771,398
 Cost of Traffic Crashes per county resident: \$946
 Cost of Traffic Crashes per tax return filed: \$2,450

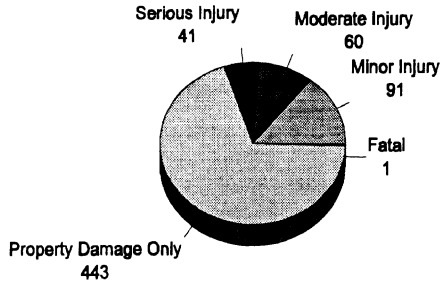
Total Population (1992): 23,007
 Tax Returns Filed (1992): 8,885

Costs of Traffic Crashes in Gladwin County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	40,050.00	882,396.00	400,764.00	315,332.00	126,480.00	1,765,022.00
Future Earnings	1,980,686.00	982,044.00	598,338.00	509,764.00	306,528.00	4,377,360.00
Public Service	2,410.00	12,600.00	16,224.00	18,724.00	25,296.00	75,254.00
Property Damage Loss	22,658.00	173,952.00	313,404.00	418,995.00	1,202,304.00	2,131,314.00
Subtotal (Monetary Cost)	2,045,806.00	2,050,956.00	1,328,652.00	1,262,816.00	1,660,608.00	8,348,838.00
Quality of Life	4,067,254.00	5,214,744.00	2,248,818.00	1,505,608.00	386,136.00	13,422,560.00
Total Cost	6,113,060.00	7,265,700.00	3,577,470.00	2,768,424.00	2,046,744.00	21,771,398.00

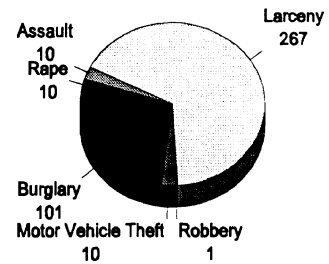
Costs of Index Crimes in Gladwin County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	75,700.00	54,614.00	833.00	22,608.00	0.00	0.00	0.00	153,755.00
Future Earnings	3,867,604.00	157,215.00	1,576.00	39,240.00	4,780.00	6,208.00	1,475.00	4,078,098.00
Public Service	7,868.00	23,923.00	301.00	7,920.00	72,895.00	135,024.00	5,425.00	253,356.00
Property Damage Loss	4,824.00	4,794.00	879.00	1,908.00	471,547.00	279,360.00	123,625.00	886,937.00
Subtotal (Monetary Cost)	3,955,996.00	240,546.00	3,589.00	71,676.00	549,222.00	420,592.00	130,525.00	5,372,146.00
Quality of Life	7,404,444.00	5,363,499.00	8,584.00	266,184.00	67,637.00	0.00	6,450.00	13,116,798.00
Total Cost	11,360,440.00	5,604,045.00	12,173.00	337,860.00	616,859.00	420,592.00	136,975.00	18,488,944.00

Gogebic County 1993

Number of Traffic Crash Casualties

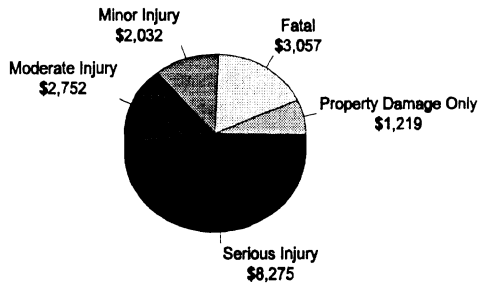


Number of Index Crimes



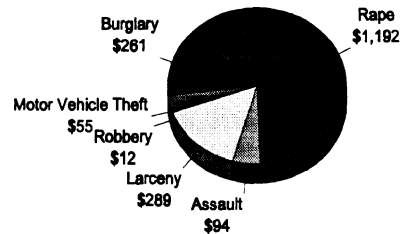
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$1,903,272

Cost of Index Crimes per county resident: \$106

Cost of Index Crimes per tax return filed: \$226

Total cost of traffic crashes: \$17,333,614

Cost of Traffic Crashes per county resident: \$969

Cost of Traffic Crashes per tax return filed: \$2,055

Total Population (1992): 17,891

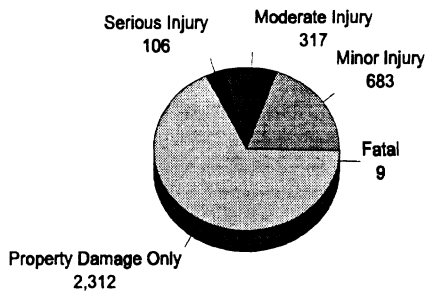
Tax Returns Filed (1992): 8,435

Costs of Traffic Crashes in Gogebic County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	20,025.00	1,004,951.00	308,280.00	231,413.00	75,310.00	1,639,979.00
Future Earnings	990,343.00	1,118,439.00	460,260.00	374,101.00	182,516.00	3,125,659.00
Public Service	1,205.00	14,350.00	12,480.00	13,741.00	15,062.00	56,838.00
Property Damage Loss	11,329.00	198,112.00	241,080.00	307,489.00	715,888.00	1,473,898.00
Subtotal (Monetary Cost)	1,022,903.00	2,335,811.00	1,022,040.00	926,744.00	988,776.00	6,296,274.00
Quality of Life	2,033,627.00	5,939,014.00	1,729,860.00	1,104,922.00	229,917.00	11,037,340.00
Total Cost	3,056,530.00	8,274,825.00	2,751,900.00	2,031,666.00	1,218,693.00	17,333,614.00

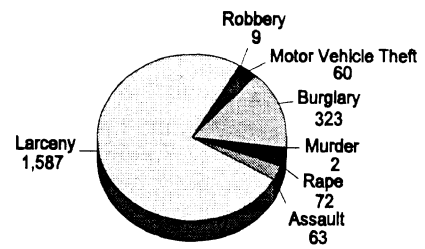
Costs of Index Crimes in Gogebic County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	11,620.00	833.00	6,280.00	0.00	0.00	0.00	18,733.00
Future Earnings	0.00	33,450.00	1,576.00	10,900.00	2,020.00	4,272.00	590.00	52,808.00
Public Service	0.00	5,090.00	301.00	2,200.00	30,805.00	92,916.00	2,170.00	133,482.00
Property Damage Loss	0.00	1,020.00	879.00	530.00	199,273.00	192,240.00	49,450.00	443,392.00
Subtotal (Monetary Cost)	0.00	51,180.00	3,589.00	19,910.00	232,098.00	289,428.00	52,210.00	648,415.00
Quality of Life	0.00	1,141,170.00	8,584.00	73,940.00	28,583.00	0.00	2,580.00	1,254,857.00
Total Cost	0.00	1,192,350.00	12,173.00	93,850.00	260,681.00	289,428.00	54,790.00	1,903,272.00

Grand Traverse County 1993

Number of Traffic Crash Casualties

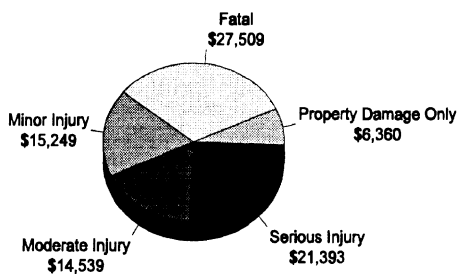


Number of Index Crimes



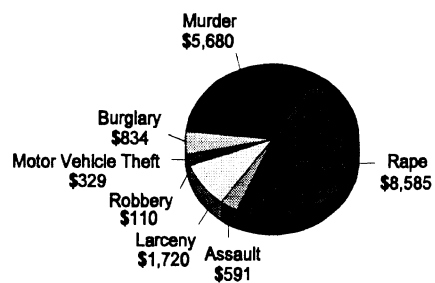
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$17,848,663

Cost of Index Crimes per county resident: \$265

Cost of Index Crimes per tax return filed: \$523

Total cost of traffic crashes: \$85,050,395

Cost of Traffic Crashes per county resident: \$1,264

Cost of Traffic Crashes per tax return filed: \$2,494

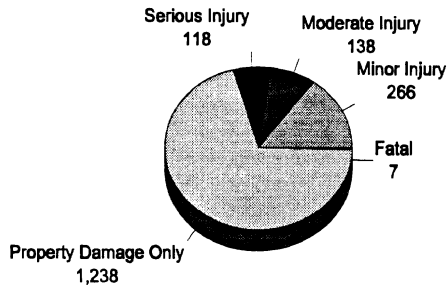
Total Population (1992): 67,290
Tax Returns Filed (1992): 34,097

Costs of Traffic Crashes in Grand Traverse County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	180,225.00	2,598,166.00	1,628,746.00	1,736,869.00	393,040.00	6,537,046.00
Future Earnings	8,913,087.00	2,891,574.00	2,431,707.00	2,807,813.00	952,544.00	17,996,725.00
Public Service	10,845.00	37,100.00	65,936.00	103,133.00	78,608.00	295,622.00
Property Damage Loss	101,961.00	512,192.00	1,273,706.00	2,307,857.00	3,736,192.00	7,931,908.00
Subtotal (Monetary Cost)	9,206,127.00	6,038,926.00	5,399,778.00	6,955,672.00	5,160,384.00	32,760,887.00
Quality of Life	18,302,643.00	15,354,524.00	9,139,427.00	8,292,986.00	1,199,928.00	52,289,508.00
Total Cost	27,508,770.00	21,393,450.00	14,539,205.00	15,248,658.00	6,360,312.00	85,050,395.00

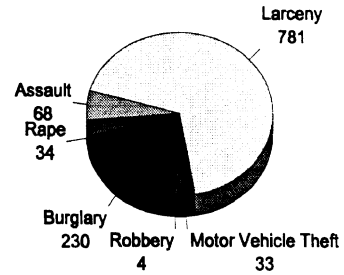
Costs of Index Crimes in Grand Traverse County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	37,850.00	83,664.00	7,497.00	39,564.00	0.00	0.00	0.00	168,575.00
Future Earnings	1,933,802.00	240,840.00	14,184.00	68,670.00	6,460.00	25,392.00	3,540.00	2,292,888.00
Public Service	3,934.00	36,648.00	2,709.00	13,860.00	98,515.00	552,276.00	13,020.00	720,962.00
Property Damage Loss	2,412.00	7,344.00	7,911.00	3,339.00	637,279.00	1,142,640.00	296,700.00	2,097,625.00
Subtotal (Monetary Cost)	1,977,998.00	368,496.00	32,301.00	125,433.00	742,254.00	1,720,308.00	313,260.00	5,280,050.00
Quality of Life	3,702,222.00	8,216,424.00	77,256.00	465,822.00	91,409.00	0.00	15,480.00	12,568,613.00
Total Cost	5,680,220.00	8,584,920.00	109,557.00	591,255.00	833,663.00	1,720,308.00	328,740.00	17,848,663.00

Gratiot County 1993

Number of Traffic Crash Casualties

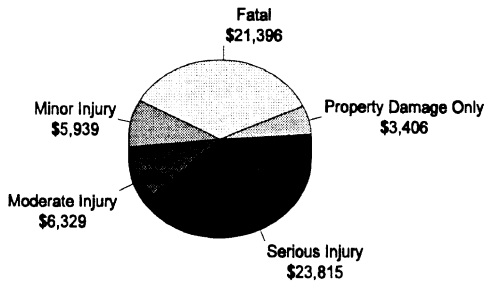


Number of Index Crimes



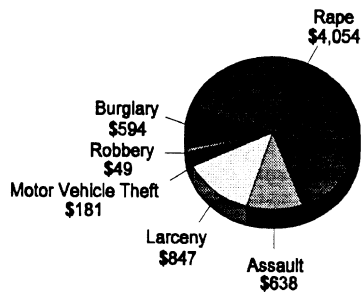
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$6,361,903
 Cost of Index Crimes per county resident: \$161
 Cost of Index Crimes per tax return filed: \$374

Total cost of traffic crashes: \$60,884,884
 Cost of Traffic Crashes per county resident: \$1,543
 Cost of Traffic Crashes per tax return filed: \$3,580

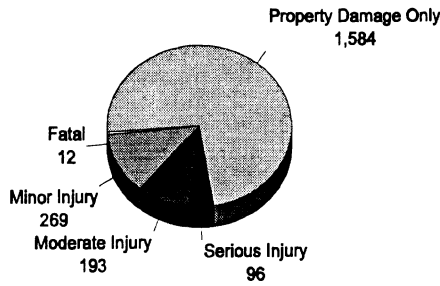
Total Population (1992): 39,450
 Tax Returns Filed (1992): 17,005

Costs of Traffic Crashes in Gratiot County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	140,175.00	2,892,298.00	709,044.00	676,438.00	210,460.00	4,628,415.00
Future Earnings	6,932,401.00	3,218,922.00	1,058,598.00	1,093,526.00	510,056.00	12,813,503.00
Public Service	8,435.00	41,300.00	28,704.00	40,166.00	42,092.00	160,697.00
Property Damage Loss	79,303.00	570,176.00	554,484.00	898,814.00	2,000,608.00	4,103,385.00
Subtotal (Monetary Cost)	7,160,321.00	6,722,578.00	2,350,692.00	2,708,944.00	2,763,216.00	21,705,751.00
Quality of Life	14,235,389.00	17,092,772.00	3,978,678.00	3,229,772.00	642,522.00	39,179,133.00
Total Cost	21,395,710.00	23,815,350.00	6,329,370.00	5,938,716.00	3,405,738.00	60,884,884.00

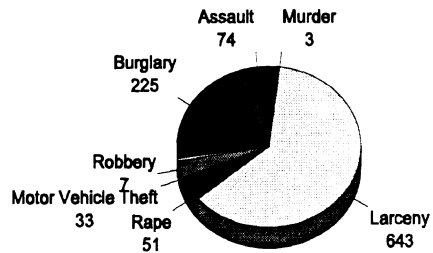
Costs of Index Crimes in Gratiot County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	39,508.00	3,332.00	42,704.00	0.00	0.00	0.00	85,544.00
Future Earnings	0.00	113,730.00	6,304.00	74,120.00	4,600.00	12,496.00	1,947.00	213,197.00
Public Service	0.00	17,306.00	1,204.00	14,960.00	70,150.00	271,788.00	7,161.00	382,569.00
Property Damage Loss	0.00	3,468.00	3,516.00	3,604.00	453,790.00	562,320.00	163,185.00	1,189,883.00
Subtotal (Monetary Cost)	0.00	174,012.00	14,356.00	135,388.00	528,540.00	846,604.00	172,293.00	1,871,193.00
Quality of Life	0.00	3,879,978.00	34,336.00	502,792.00	65,090.00	0.00	8,514.00	4,490,710.00
Total Cost	0.00	4,053,990.00	48,692.00	638,180.00	593,630.00	846,604.00	180,807.00	6,361,903.00

Hillsdale County 1993

Number of Traffic Crash Casualties

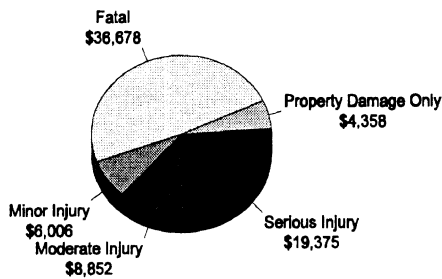


Number of Index Crimes



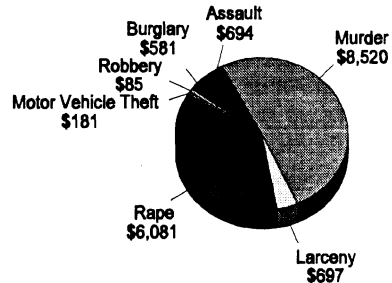
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$16,839,560
 Cost of Index Crimes per county resident: \$379
 Cost of Index Crimes per tax return filed: \$952

Total cost of traffic crashes: \$75,268,783
 Cost of Traffic Crashes per county resident: \$1,695
 Cost of Traffic Crashes per tax return filed: \$4,256

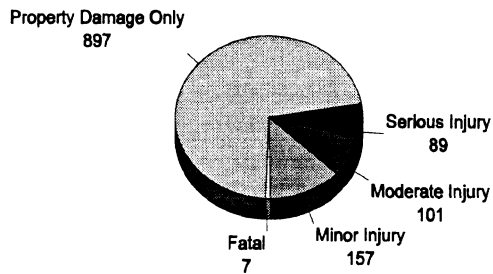
Total Population (1992): 44,407
 Tax Returns Filed (1992): 17,687

Costs of Traffic Crashes in Hillsdale County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	240,300.00	2,353,056.00	991,634.00	684,067.00	269,280.00	4,538,337.00	
Future Earnings	11,884,116.00	2,618,784.00	1,480,503.00	1,105,859.00	652,608.00	17,741,870.00	
Public Service	14,460.00	33,600.00	40,144.00	40,619.00	53,856.00	182,679.00	
Property Damage Loss	135,948.00	463,872.00	775,474.00	908,951.00	2,559,744.00	4,843,989.00	
Subtotal (Monetary Cost)	12,274,836.00	5,469,216.00	3,287,562.00	2,739,496.00	3,535,488.00	27,306,598.00	
Quality of Life	24,403,524.00	13,905,984.00	5,564,383.00	3,266,198.00	822,096.00	47,962,185.00	
Total Cost	36,678,360.00	19,375,200.00	8,851,945.00	6,005,694.00	4,357,584.00	75,268,783.00	

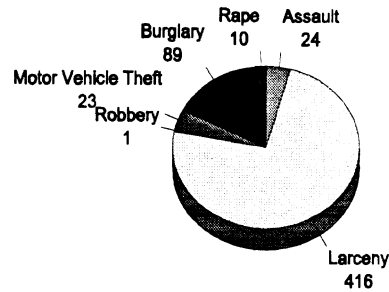
Costs of Index Crimes in Hillsdale County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	56,775.00	59,262.00	5,831.00	46,472.00	0.00	0.00	0.00	168,340.00	
Future Earnings	2,900,703.00	170,595.00	11,032.00	80,660.00	4,500.00	10,288.00	1,947.00	3,179,725.00	
Public Service	5,901.00	25,959.00	2,107.00	16,280.00	68,625.00	223,764.00	7,161.00	349,797.00	
Property Damage Loss	3,618.00	5,202.00	6,153.00	3,922.00	443,925.00	462,960.00	163,185.00	1,088,965.00	
Subtotal (Monetary Cost)	2,966,997.00	261,018.00	25,123.00	147,334.00	517,050.00	697,012.00	172,293.00	4,786,827.00	
Quality of Life	5,553,333.00	5,819,967.00	60,088.00	547,156.00	63,675.00	0.00	8,514.00	12,052,733.00	
Total Cost	8,520,330.00	6,080,985.00	85,211.00	694,490.00	580,725.00	697,012.00	180,807.00	16,839,560.00	

Houghton County 1993

Number of Traffic Crash Casualties

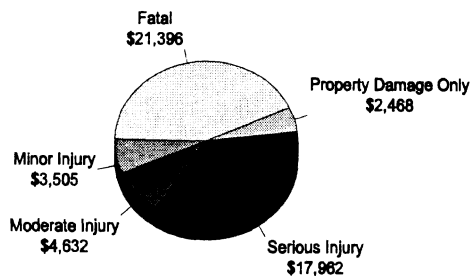


Number of Index Crimes



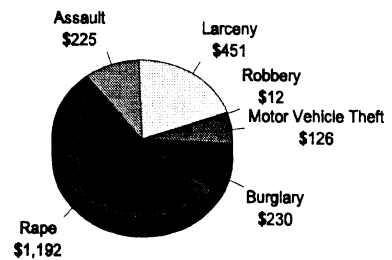
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$2,236,433
 Cost of Index Crimes per county resident: \$62
 Cost of Index Crimes per tax return filed: \$201

Total cost of traffic crashes: \$49,963,329
 Cost of Traffic Crashes per county resident: \$1,394
 Cost of Traffic Crashes per tax return filed: \$4,485

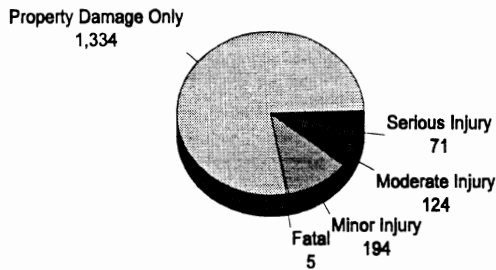
Total Population (1992): 35,831
 Tax Returns Filed (1992): 11,141

Costs of Traffic Crashes in Houghton County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	140,175.00	2,181,479.00	518,938.00	399,251.00	152,490.00	3,392,333.00
Future Earnings	6,932,401.00	2,427,831.00	774,771.00	645,427.00	369,564.00	11,149,994.00
Public Service	8,435.00	31,150.00	21,008.00	23,707.00	30,498.00	114,798.00
Property Damage Loss	79,303.00	430,048.00	405,818.00	530,503.00	1,449,552.00	2,895,224.00
Subtotal (Monetary Cost)	7,160,321.00	5,070,419.00	1,720,434.00	1,598,888.00	2,002,104.00	17,552,166.00
Quality of Life	14,235,389.00	12,892,006.00	2,911,931.00	1,906,294.00	465,543.00	32,411,163.00
Total Cost	21,395,710.00	17,962,425.00	4,632,365.00	3,505,182.00	2,467,647.00	49,963,329.00

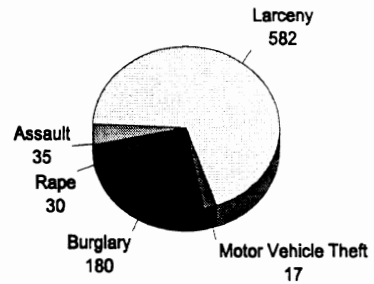
Costs of Index Crimes in Houghton County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	11,620.00	833.00	15,072.00	0.00	0.00	0.00	27,525.00	
Future Earnings	0.00	33,450.00	1,576.00	26,160.00	1,780.00	6,656.00	1,357.00	70,979.00	
Public Service	0.00	5,090.00	301.00	5,280.00	27,145.00	144,768.00	4,991.00	187,575.00	
Property Damage Loss	0.00	1,020.00	879.00	1,272.00	175,597.00	299,520.00	113,735.00	592,023.00	
Subtotal (Monetary Cost)	0.00	51,180.00	3,589.00	47,784.00	204,552.00	450,944.00	120,083.00	878,102.00	
Quality of Life	0.00	1,141,170.00	8,584.00	177,456.00	25,187.00	0.00	5,934.00	1,358,331.00	
Total Cost	0.00	1,192,350.00	12,173.00	225,240.00	229,709.00	450,944.00	126,017.00	2,236,433.00	

Huron County 1993

Number of Traffic Crash Casualties

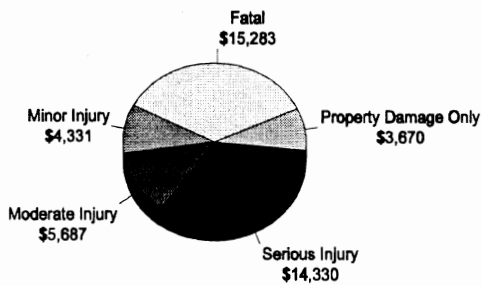


Number of Index Crimes



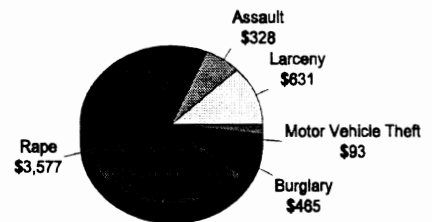
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$5,094,136

Cost of Index Crimes per county resident: \$146

Cost of Index Crimes per tax return filed: \$302

Total cost of traffic crashes: \$43,300,563

Cost of Traffic Crashes per county resident: \$1,238

Cost of Traffic Crashes per tax return filed: \$2,566

Total Population (1992): 34,977

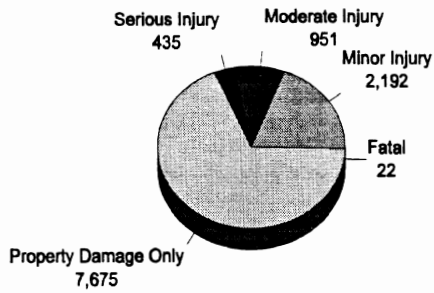
Tax Returns Filed (1992): 16,877

Costs of Traffic Crashes in Huron County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	100,125.00	1,740,281.00	637,112.00	493,342.00	226,780.00	3,197,640.00
Future Earnings	4,951,715.00	1,936,809.00	951,204.00	797,534.00	549,608.00	9,186,870.00
Public Service	6,025.00	24,850.00	25,792.00	29,294.00	45,356.00	131,317.00
Property Damage Loss	56,645.00	343,072.00	498,232.00	655,526.00	2,155,744.00	3,709,219.00
Subtotal (Monetary Cost)	5,114,515.00	4,044,941.00	2,112,216.00	1,975,696.00	2,977,488.00	16,224,856.00
Quality of Life	10,168,135.00	10,284,634.00	3,575,044.00	2,355,548.00	692,346.00	27,075,707.00
Total Cost	15,282,650.00	14,329,575.00	5,687,260.00	4,331,244.00	3,669,834.00	43,300,563.00

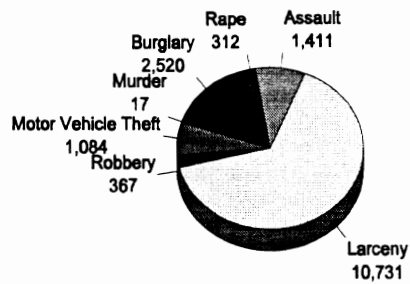
Costs of Index Crimes in Huron County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	34,860.00	0.00	21,980.00	0.00	0.00	0.00	56,840.00
Future Earnings	0.00	100,350.00	0.00	38,150.00	3,600.00	9,312.00	1,003.00	152,415.00
Public Service	0.00	15,270.00	0.00	7,700.00	54,900.00	202,536.00	3,689.00	284,095.00
Property Damage Loss	0.00	3,060.00	0.00	1,855.00	355,140.00	419,040.00	84,065.00	863,160.00
Subtotal (Monetary Cost)	0.00	153,540.00	0.00	69,685.00	413,640.00	630,888.00	88,757.00	1,356,510.00
Quality of Life	0.00	3,423,510.00	0.00	258,790.00	50,940.00	0.00	4,386.00	3,737,626.00
Total Cost	0.00	3,577,050.00	0.00	328,475.00	464,580.00	630,888.00	93,143.00	5,094,136.00

Ingham County 1993

Number of Traffic Crash Casualties

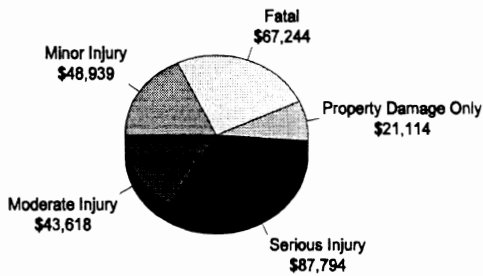


Number of Index Crimes



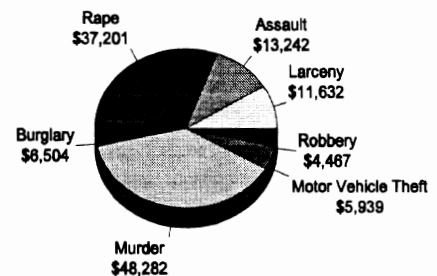
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$127,268,676
 Cost of Index Crimes per county resident: \$452
 Cost of Index Crimes per tax return filed: \$998

Total cost of traffic crashes: \$268,707,667
 Cost of Traffic Crashes per county resident: \$954
 Cost of Traffic Crashes per tax return filed: \$2,107

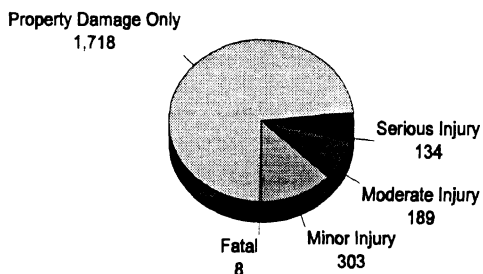
Total Population (1992): 281,798
 Tax Returns Filed (1992): 127,516

Costs of Traffic Crashes in Ingham County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	440,550.00	10,662,285.00	4,886,238.00	5,574,256.00	1,304,750.00	22,686,079.00	
Future Earnings	21,787,546.00	11,866,365.00	7,295,121.00	9,011,312.00	3,162,100.00	53,122,444.00	
Public Service	26,510.00	152,250.00	197,808.00	330,992.00	260,950.00	968,510.00	
Property Damage Loss	249,238.00	2,101,920.00	3,821,118.00	7,406,768.00	12,402,800.00	25,981,844.00	
Subtotal (Monetary Cost)	22,503,866.00	24,782,385.00	16,199,334.00	22,323,328.00	17,130,600.00	102,939,513.00	
Quality of Life	44,739,794.00	63,011,490.00	27,418,281.00	26,615,264.00	3,983,325.00	165,768,154.00	
Total Cost	67,243,660.00	87,793,875.00	43,617,615.00	48,938,592.00	21,113,925.00	268,707,667.00	

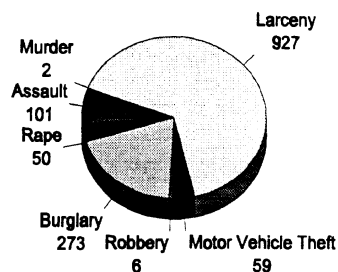
Costs of Index Crimes in Ingham County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	321,725.00	362,544.00	305,711.00	886,108.00	0.00	0.00	0.00	1,876,088.00	
Future Earnings	16,437,317.00	1,043,640.00	578,392.00	1,537,990.00	50,400.00	171,696.00	63,956.00	19,883,391.00	
Public Service	33,439.00	158,808.00	110,467.00	310,420.00	768,600.00	3,734,388.00	235,228.00	5,351,350.00	
Property Damage Loss	20,502.00	31,824.00	322,593.00	74,783.00	4,971,960.00	7,726,320.00	5,360,380.00	18,508,362.00	
Subtotal (Monetary Cost)	16,812,983.00	1,596,816.00	1,317,163.00	2,809,301.00	5,790,960.00	11,632,404.00	5,659,564.00	45,619,191.00	
Quality of Life	31,468,887.00	35,604,504.00	3,150,328.00	10,432,934.00	713,160.00	0.00	279,672.00	81,649,485.00	
Total Cost	48,281,870.00	37,201,320.00	4,467,491.00	13,242,235.00	6,504,120.00	11,632,404.00	5,939,236.00	127,268,676.00	

Ionia County 1993

Number of Traffic Crash Casualties

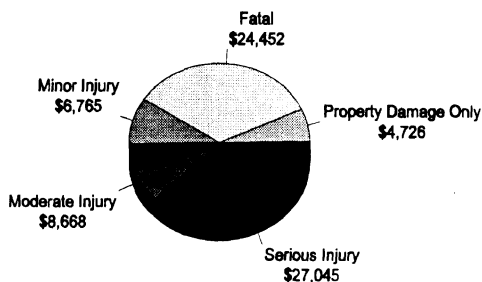


Number of Index Crimes



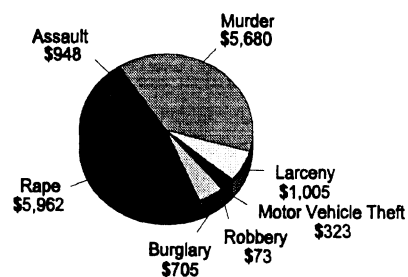
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$14,695,635
 Cost of Index Crimes per county resident: \$253
 Cost of Index Crimes per tax return filed: \$619

Total cost of traffic crashes: \$71,656,271
 Cost of Traffic Crashes per county resident: \$1,236
 Cost of Traffic Crashes per tax return filed: \$3,016

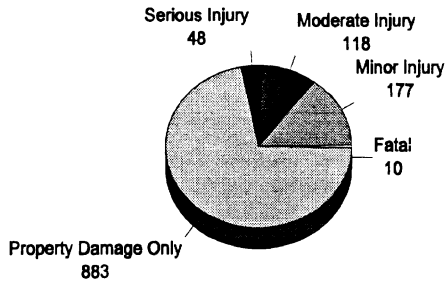
Total Population (1992): 57,986
 Tax Returns Filed (1992): 23,755

Costs of Traffic Crashes in Ionia County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	3,284,474.00	971,082.00	770,529.00	292,060.00	5,478,345.00
Future Earnings	7,922,744.00	3,655,386.00	1,449,819.00	1,245,633.00	707,816.00	14,981,398.00
Public Service	9,640.00	46,900.00	39,312.00	45,753.00	58,412.00	200,017.00
Property Damage Loss	90,632.00	647,488.00	759,402.00	1,023,837.00	2,776,288.00	5,297,647.00
Subtotal (Monetary Cost)	8,183,224.00	7,634,114.00	3,219,426.00	3,085,752.00	3,834,576.00	25,957,092.00
Quality of Life	16,269,016.00	19,410,436.00	5,449,059.00	3,679,026.00	891,642.00	45,699,179.00
Total Cost	24,452,240.00	27,044,550.00	8,668,485.00	6,764,778.00	4,726,218.00	71,656,271.00

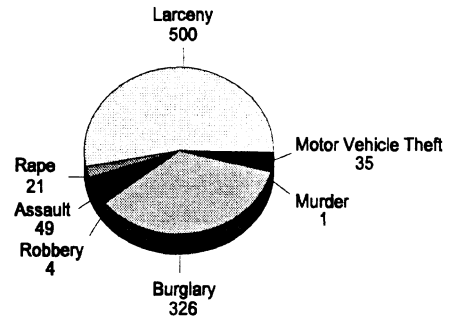
Costs of Index Crimes in Ionia County (1993 dollars)										
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total		
Medical Care	37,850.00	58,100.00	4,998.00	63,428.00	0.00	0.00	0.00	164,376.00		
Future Earnings	1,933,802.00	167,250.00	9,456.00	110,090.00	5,460.00	14,832.00	3,481.00	2,244,371.00		
Public Service	3,934.00	25,450.00	1,806.00	22,220.00	83,265.00	322,596.00	12,803.00	472,074.00		
Property Damage Loss	2,412.00	5,100.00	5,274.00	5,353.00	538,629.00	667,440.00	291,755.00	1,515,963.00		
Subtotal (Monetary Cost)	1,977,998.00	255,900.00	21,534.00	201,091.00	627,354.00	1,004,868.00	308,039.00	4,396,784.00		
Quality of Life	3,702,222.00	5,705,850.00	51,504.00	746,794.00	77,259.00	0.00	15,222.00	10,298,851.00		
Total Cost	5,680,220.00	5,961,750.00	73,038.00	947,885.00	704,613.00	1,004,868.00	323,261.00	14,695,635.00		

Iosco County 1993

Number of Traffic Crash Casualties

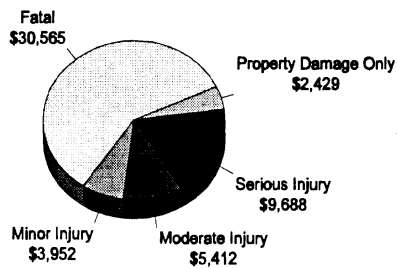


Number of Index Crimes



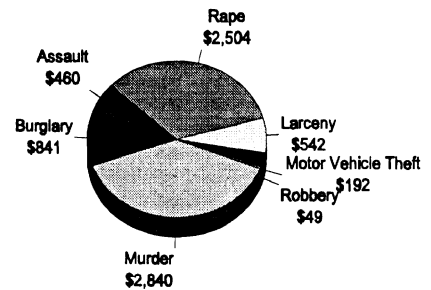
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$7,427,773

Cost of Index Crimes per county resident: \$246

Cost of Index Crimes per tax return filed: \$663

Total cost of traffic crashes: \$52,045,805

Cost of Traffic Crashes per county resident: \$1,723

Cost of Traffic Crashes per tax return filed: \$4,647

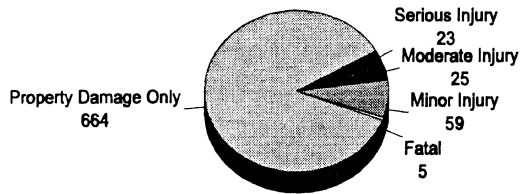
Total Population (1992): 30,211
Tax Returns Filed (1992): 11,201

Costs of Traffic Crashes in losco County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	200,250.00	1,176,528.00	606,284.00	450,111.00	150,110.00	2,583,283.00
Future Earnings	9,903,430.00	1,309,392.00	905,178.00	727,647.00	363,796.00	13,209,443.00
Public Service	12,050.00	16,800.00	24,544.00	26,727.00	30,022.00	110,143.00
Property Damage Loss	113,290.00	231,936.00	474,124.00	598,083.00	1,426,928.00	2,844,361.00
Subtotal (Monetary Cost)	10,229,030.00	2,734,608.00	2,010,012.00	1,802,568.00	1,970,856.00	18,747,074.00
Quality of Life	20,336,270.00	6,952,992.00	3,402,058.00	2,149,134.00	458,277.00	33,298,731.00
Total Cost	30,565,300.00	9,687,600.00	5,412,070.00	3,951,702.00	2,429,133.00	52,045,805.00

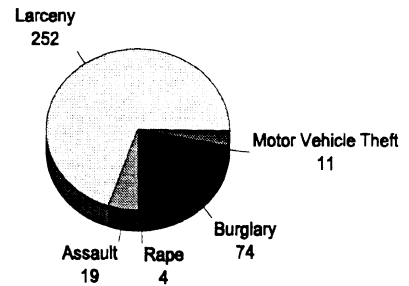
Costs of Index Crimes in losco County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	24,402.00	3,332.00	30,772.00	0.00	0.00	0.00	77,431.00
Future Earnings	966,901.00	70,245.00	6,304.00	53,410.00	6,520.00	8,000.00	2,065.00	1,113,445.00
Public Service	1,967.00	10,689.00	1,204.00	10,780.00	99,430.00	174,000.00	7,595.00	305,665.00
Property Damage Loss	1,206.00	2,142.00	3,516.00	2,597.00	643,198.00	360,000.00	173,075.00	1,185,734.00
Subtotal (Monetary Cost)	988,999.00	107,478.00	14,356.00	97,559.00	749,148.00	542,000.00	182,735.00	2,682,275.00
Quality of Life	1,851,111.00	2,396,457.00	34,336.00	362,306.00	92,258.00	0.00	9,030.00	4,745,498.00
Total Cost	2,840,110.00	2,503,935.00	48,692.00	459,865.00	841,406.00	542,000.00	191,765.00	7,427,773.00

Iron County 1993

Number of Traffic Crash Casualties

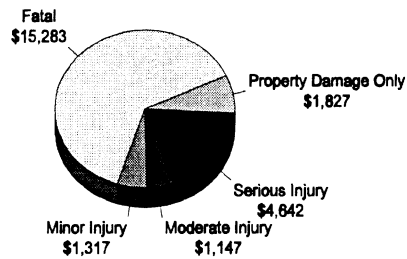


Number of Index Crimes



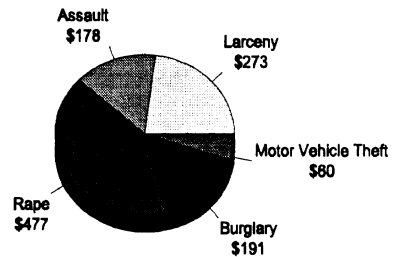
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,179,686
 Cost of Index Crimes per county resident: \$90
 Cost of Index Crimes per tax return filed: \$217

Total cost of traffic crashes: \$24,215,148
 Cost of Traffic Crashes per county resident: \$1,843
 Cost of Traffic Crashes per tax return filed: \$4,456

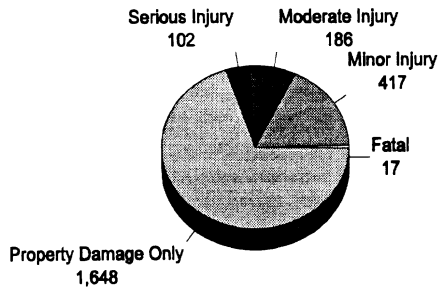
Total Population (1992): 13,136
 Tax Returns Filed (1992): 5,434

Costs of Traffic Crashes in Iron County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	100,125.00	563,753.00	128,450.00	150,037.00	112,880.00	1,055,245.00	
Future Earnings	4,951,715.00	627,417.00	191,775.00	242,549.00	273,568.00	6,287,024.00	
Public Service	6,025.00	8,050.00	5,200.00	8,909.00	22,576.00	50,760.00	
Property Damage Loss	56,645.00	111,136.00	100,450.00	199,361.00	1,073,024.00	1,540,616.00	
Subtotal (Monetary Cost)	5,114,515.00	1,310,333.00	425,850.00	600,856.00	1,482,048.00	8,933,602.00	
Quality of Life	10,168,135.00	3,331,642.00	720,775.00	716,378.00	344,616.00	15,281,546.00	
Total Cost	15,282,650.00	4,641,975.00	1,146,625.00	1,317,234.00	1,826,664.00	24,215,148.00	

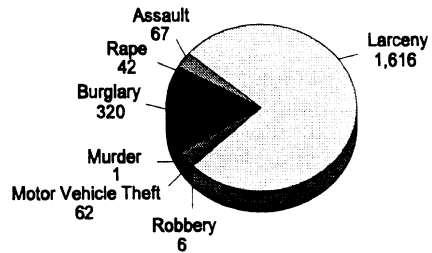
Costs of Index Crimes in Iron County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	4,648.00	0.00	11,932.00	0.00	0.00	0.00	16,580.00	
Future Earnings	0.00	13,380.00	0.00	20,710.00	1,480.00	4,032.00	649.00	40,251.00	
Public Service	0.00	2,036.00	0.00	4,180.00	22,570.00	87,696.00	2,387.00	118,869.00	
Property Damage Loss	0.00	408.00	0.00	1,007.00	146,002.00	181,440.00	54,395.00	383,252.00	
Subtotal (Monetary Cost)	0.00	20,472.00	0.00	37,829.00	170,052.00	273,168.00	57,431.00	558,952.00	
Quality of Life	0.00	456,468.00	0.00	140,486.00	20,942.00	0.00	2,838.00	620,734.00	
Total Cost	0.00	476,940.00	0.00	178,315.00	190,994.00	273,168.00	60,269.00	1,179,686.00	

Isabella County 1993

Number of Traffic Crash Casualties

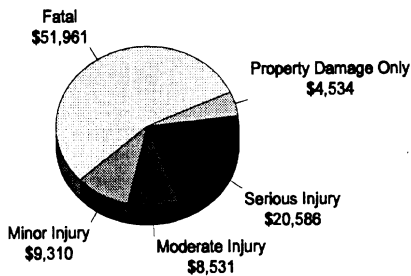


Number of Index Crimes



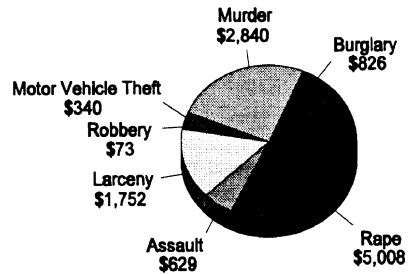
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$11,467,175
 Cost of Index Crimes per county resident: \$204
 Cost of Index Crimes per tax return filed: \$707

Total cost of traffic crashes: \$94,921,640
 Cost of Traffic Crashes per county resident: \$1,689
 Cost of Traffic Crashes per tax return filed: \$5,851

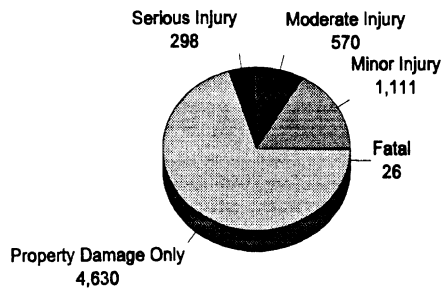
Total Population (1992): 56,212
 Tax Returns Filed (1992): 16,224

Costs of Traffic Crashes in Isabella County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	340,425.00	2,500,122.00	955,668.00	1,060,431.00	280,160.00	5,136,806.00
Future Earnings	16,835,831.00	2,782,458.00	1,426,806.00	1,714,287.00	678,976.00	23,438,358.00
Public Service	20,485.00	35,700.00	38,688.00	62,967.00	56,032.00	213,872.00
Property Damage Loss	192,593.00	492,864.00	747,348.00	1,409,043.00	2,663,168.00	5,505,016.00
Subtotal (Monetary Cost)	17,389,351.00	5,811,042.00	3,168,324.00	4,246,728.00	3,678,336.00	34,293,781.00
Quality of Life	34,571,659.00	14,775,108.00	5,362,566.00	5,063,214.00	855,312.00	60,627,859.00
Total Cost	51,961,010.00	20,586,150.00	8,530,890.00	9,309,942.00	4,533,648.00	94,921,640.00

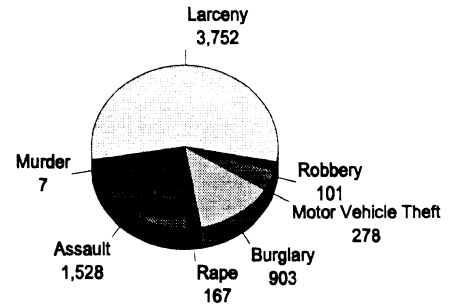
Costs of Index Crimes in Isabella County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	48,804.00	4,998.00	42,076.00	0.00	0.00	0.00	114,803.00
Future Earnings	966,901.00	140,490.00	9,456.00	73,030.00	6,400.00	25,856.00	3,658.00	1,225,791.00
Public Service	1,967.00	21,378.00	1,806.00	14,740.00	97,600.00	562,368.00	13,454.00	713,313.00
Property Damage Loss	1,206.00	4,284.00	5,274.00	3,551.00	631,360.00	1,163,520.00	306,590.00	2,115,785.00
Subtotal (Monetary Cost)	988,999.00	214,956.00	21,534.00	133,397.00	735,360.00	1,751,744.00	323,702.00	4,169,692.00
Quality of Life	1,851,111.00	4,792,914.00	51,504.00	495,398.00	90,560.00	0.00	15,996.00	7,297,483.00
Total Cost	2,840,110.00	5,007,870.00	73,038.00	628,795.00	825,920.00	1,751,744.00	339,698.00	11,467,175.00

Jackson County 1993

Number of Traffic Crash Casualties

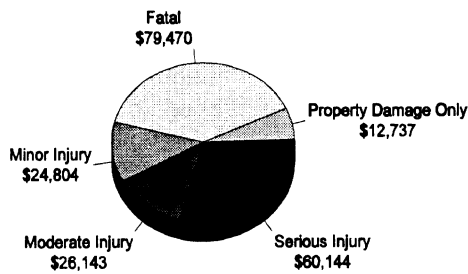


Number of Index Crimes



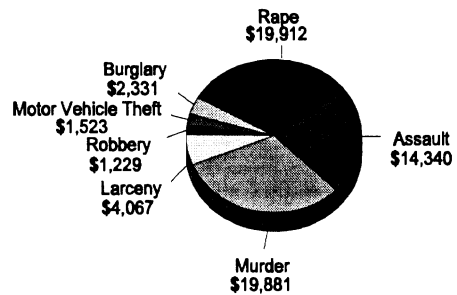
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$63,283,741

Cost of Index Crimes per county resident: \$417

Cost of Index Crimes per tax return filed: \$1,048

Total cost of traffic crashes: \$203,297,996

Cost of Traffic Crashes per county resident: \$1,340

Cost of Traffic Crashes per tax return filed: \$3,366

Total Population (1992): 151,740

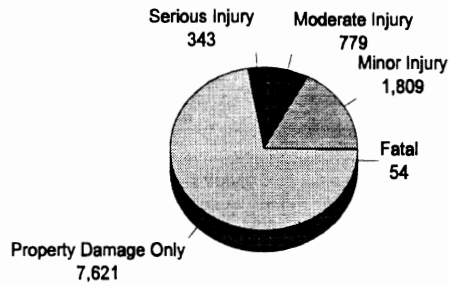
Tax Returns Filed (1992): 60,403

Costs of Traffic Crashes in Jackson County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	520,650.00	7,304,278.00	2,928,660.00	2,825,273.00	787,100.00	14,365,961.00	
Future Earnings	25,748,918.00	8,129,142.00	4,372,470.00	4,567,321.00	1,907,560.00	44,725,411.00	
Public Service	31,330.00	104,300.00	118,560.00	167,761.00	157,420.00	579,371.00	
Property Damage Loss	294,554.00	1,439,936.00	2,290,260.00	3,754,069.00	7,482,080.00	15,260,899.00	
Subtotal (Monetary Cost)	26,595,478.00	16,977,358.00	9,709,380.00	11,314,242.00	10,334,160.00	74,930,800.00	
Quality of Life	52,874,302.00	43,166,492.00	16,433,670.00	13,489,762.00	2,402,970.00	128,367,196.00	
Total Cost	79,469,780.00	60,143,850.00	26,143,050.00	24,804,186.00	12,737,130.00	203,297,996.00	

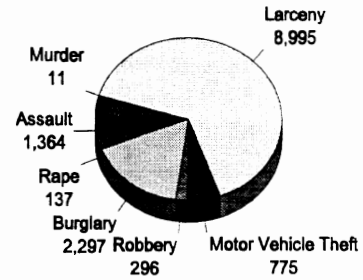
Costs of Index Crimes in Jackson County (1993 dollars)										
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total		
Medical Care	132,475.00	194,054.00	84,133.00	959,584.00	0.00	0.00	0.00	1,370,246.00		
Future Earnings	6,768,307.00	558,615.00	159,176.00	1,665,520.00	18,060.00	60,032.00	16,402.00	9,246,112.00		
Public Service	13,769.00	85,003.00	30,401.00	336,160.00	275,415.00	1,305,696.00	60,326.00	2,106,770.00		
Property Damage Loss	8,442.00	17,034.00	88,779.00	80,984.00	1,781,619.00	2,701,440.00	1,374,710.00	6,053,008.00		
Subtotal (Monetary Cost)	6,922,993.00	854,706.00	362,489.00	3,042,248.00	2,075,094.00	4,067,168.00	1,451,438.00	18,776,136.00		
Quality of Life	12,957,777.00	19,057,539.00	866,984.00	11,298,032.00	255,549.00	0.00	71,724.00	44,507,605.00		
Total Cost	19,880,770.00	19,912,245.00	1,229,473.00	14,340,280.00	2,330,643.00	4,067,168.00	1,523,162.00	63,283,741.00		

Kalamazoo County 1993

Number of Traffic Crash Casualties

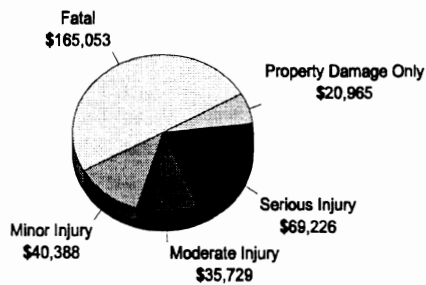


Number of Index Crimes



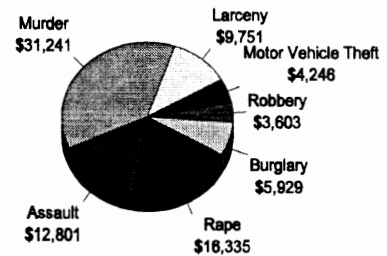
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$83,906,115
 Cost of Index Crimes per county resident: \$372
 Cost of Index Crimes per tax return filed: \$882

Total cost of traffic crashes: \$331,360,535
 Cost of Traffic Crashes per county resident: \$1,468
 Cost of Traffic Crashes per tax return filed: \$3,484

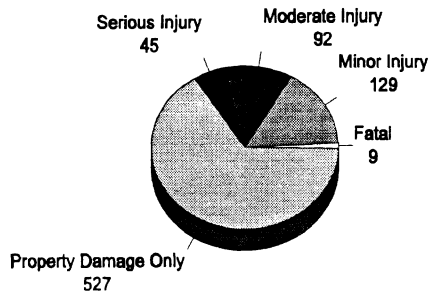
Total Population (1992): 225,648
 Tax Returns Filed (1992): 95,096

Costs of Traffic Crashes in Kalamazoo County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	1,081,350.00	8,407,273.00	4,002,502.00	4,600,287.00	1,295,570.00	19,386,982.00
Future Earnings	53,478,522.00	9,356,697.00	5,975,709.00	7,436,799.00	3,139,852.00	79,387,579.00
Public Service	65,070.00	120,050.00	162,032.00	273,159.00	259,114.00	879,425.00
Property Damage Loss	611,766.00	1,657,376.00	3,130,022.00	6,112,611.00	12,315,536.00	23,827,311.00
Subtotal (Monetary Cost)	55,236,762.00	19,541,053.00	13,269,486.00	18,422,856.00	17,010,072.00	123,480,229.00
Quality of Life	109,815,858.00	49,684,922.00	22,459,349.00	21,964,878.00	3,955,299.00	207,880,306.00
Total Cost	165,052,620.00	69,225,975.00	35,728,835.00	40,387,734.00	20,965,371.00	331,360,535.00

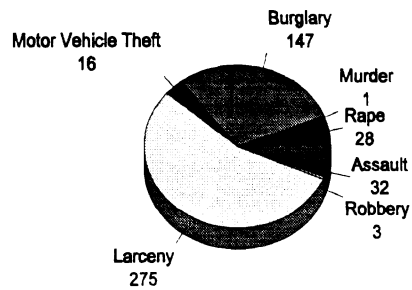
Costs of Index Crimes in Kalamazoo County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	208,175.00	159,194.00	246,568.00	856,592.00	0.00	0.00	0.00	1,470,529.00	
Future Earnings	10,635,911.00	458,265.00	466,496.00	1,486,760.00	45,940.00	143,920.00	45,725.00	13,283,017.00	
Public Service	21,637.00	69,733.00	89,096.00	300,080.00	700,585.00	3,130,260.00	168,175.00	4,479,566.00	
Property Damage Loss	13,266.00	13,974.00	260,184.00	72,292.00	4,531,981.00	6,476,400.00	3,832,375.00	15,200,472.00	
Subtotal (Monetary Cost)	10,878,989.00	701,166.00	1,062,344.00	2,715,724.00	5,278,506.00	9,750,580.00	4,046,275.00	34,433,584.00	
Quality of Life	20,362,221.00	15,634,029.00	2,540,864.00	10,085,416.00	650,051.00	0.00	199,950.00	49,472,531.00	
Total Cost	31,241,210.00	16,335,195.00	3,603,208.00	12,801,140.00	5,928,557.00	9,750,580.00	4,246,225.00	83,906,115.00	

Kalkaska County 1993

Number of Traffic Crash Casualties

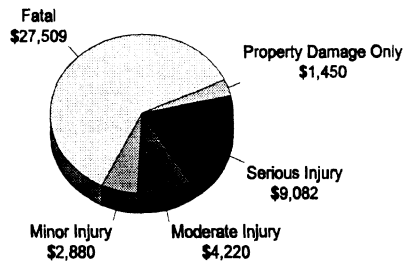


Number of Index Crimes



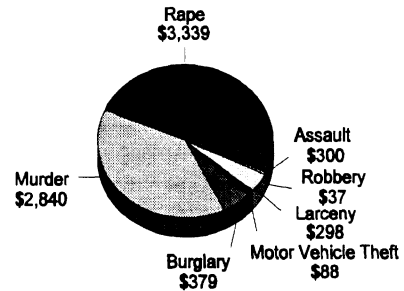
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$7,280,700

Cost of Index Crimes per county resident: \$519

Cost of Index Crimes per tax return filed: \$1,448

Total cost of traffic crashes: \$45,140,306

Cost of Traffic Crashes per county resident: \$3,216

Cost of Traffic crashes per tax return filed: \$8,980

Total Population (1992): 14,038

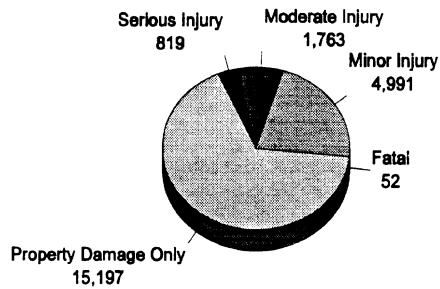
Tax Returns Filed (1992): 5,027

Costs of Traffic Crashes in Kalkaska County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	180,225.00	1,102,995.00	472,696.00	328,047.00	89,590.00	2,173,553.00
Future Earnings	8,913,087.00	1,227,555.00	705,732.00	530,319.00	217,124.00	11,593,817.00
Public Service	10,845.00	15,750.00	19,136.00	19,479.00	17,918.00	83,128.00
Property Damage Loss	101,961.00	217,440.00	369,656.00	435,891.00	851,632.00	1,976,580.00
Subtotal (Monetary Cost)	9,206,127.00	2,563,695.00	1,567,128.00	1,313,736.00	1,176,264.00	15,826,950.00
Quality of Life	18,302,643.00	6,518,430.00	2,652,452.00	1,566,318.00	273,513.00	29,313,356.00
Total Cost	27,508,770.00	9,082,125.00	4,219,580.00	2,880,054.00	1,449,777.00	45,140,306.00

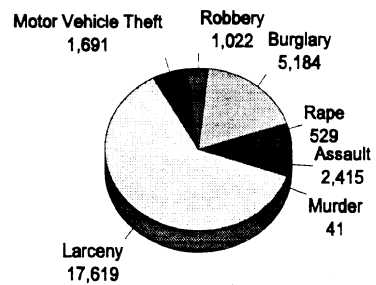
Costs of Index Crimes in Kalkaska County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	32,536.00	2,499.00	20,096.00	0.00	0.00	0.00	74,056.00
Future Earnings	966,901.00	93,660.00	4,728.00	34,880.00	2,940.00	4,400.00	944.00	1,108,453.00
Public Service	1,967.00	14,252.00	903.00	7,040.00	44,835.00	95,700.00	3,472.00	168,169.00
Property Damage Loss	1,206.00	2,856.00	2,637.00	1,696.00	290,031.00	198,000.00	79,120.00	575,546.00
Subtotal (Monetary Cost)	988,999.00	143,304.00	10,767.00	63,712.00	337,806.00	298,100.00	83,536.00	1,926,224.00
Quality of Life	1,851,111.00	3,195,276.00	25,752.00	236,608.00	41,601.00	0.00	4,128.00	5,354,476.00
Total Cost	2,840,110.00	3,338,580.00	36,519.00	300,320.00	379,407.00	298,100.00	87,664.00	7,280,700.00

Kent County 1993

Number of Traffic Crash Casualties

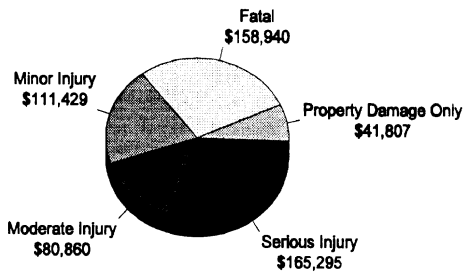


Number of Index Crimes



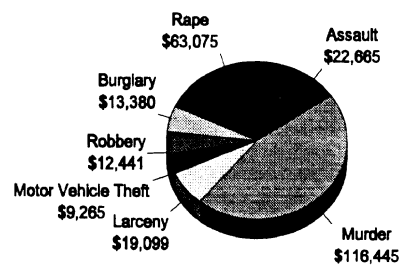
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$256,369,295
 Cost of Index Crimes per county resident: \$501
 Cost of Index Crimes per tax return filed: \$1,266

Total cost of traffic crashes: \$558,330,243
 Cost of Traffic Crashes per county resident: \$1,091
 Cost of Traffic Crashes per tax return filed: \$2,758

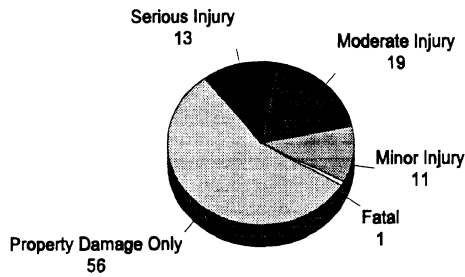
Total Population (1992): 511,997
 Tax Returns Filed (1992): 202,446

Costs of Traffic Crashes in Kent County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	1,041,300.00	20,074,509.00	9,058,294.00	12,692,113.00	2,583,490.00	45,449,706.00	
Future Earnings	51,497,836.00	22,341,501.00	13,523,973.00	20,518,001.00	6,261,164.00	114,142,475.00	
Public Service	62,660.00	286,650.00	366,704.00	753,641.00	516,698.00	1,986,353.00	
Property Damage Loss	589,108.00	3,957,408.00	7,083,734.00	16,864,589.00	24,558,352.00	53,053,191.00	
Subtotal (Monetary Cost)	53,190,956.00	46,659,249.00	30,030,942.00	50,828,344.00	33,919,704.00	214,629,195.00	
Quality of Life	105,748,604.00	118,635,426.00	50,829,053.00	60,600,722.00	7,887,243.00	343,701,048.00	
Total Cost	158,939,560.00	165,294,675.00	80,859,995.00	111,429,066.00	41,806,947.00	558,330,243.00	

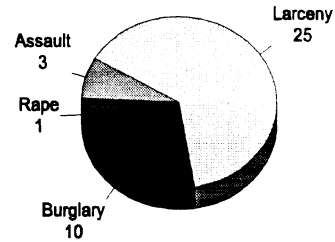
Costs of Index Crimes in Kent County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	775,925.00	614,698.00	851,326.00	1,516,620.00	0.00	0.00	0.00	3,758,569.00	
Future Earnings	39,642,941.00	1,769,505.00	1,610,672.00	2,632,350.00	103,680.00	281,904.00	99,769.00	46,140,821.00	
Public Service	80,647.00	269,261.00	307,622.00	531,300.00	1,581,120.00	6,131,412.00	366,947.00	9,268,309.00	
Property Damage Loss	49,446.00	53,958.00	898,338.00	127,995.00	10,228,032.00	12,685,680.00	8,361,995.00	32,405,444.00	
Subtotal (Monetary Cost)	40,548,959.00	2,707,422.00	3,667,958.00	4,808,265.00	11,912,832.00	19,098,996.00	8,828,711.00	91,573,143.00	
Quality of Life	75,895,551.00	60,367,893.00	8,772,848.00	17,856,510.00	1,467,072.00	0.00	436,278.00	164,796,152.00	
Total Cost	116,444,510.00	63,075,315.00	12,440,806.00	22,664,775.00	13,379,904.00	19,098,996.00	9,264,989.00	256,369,295.00	

Keweenaw County 1993

Number of Traffic Crash Casualties

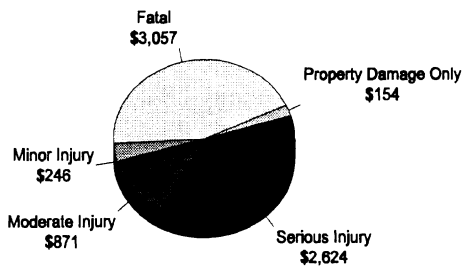


Number of Index Crimes



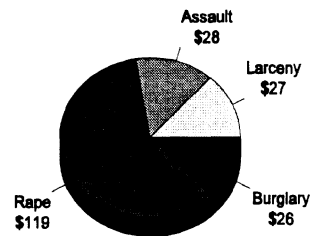
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$200,300
 Cost of Index Crimes per county resident: \$117
 Cost of Index Crimes per tax return filed: \$455

Total cost of traffic crashes: \$6,951,332
 Cost of Traffic Crashes per county resident: \$4,075
 Cost of Traffic Crashes per tax return filed: \$15,798

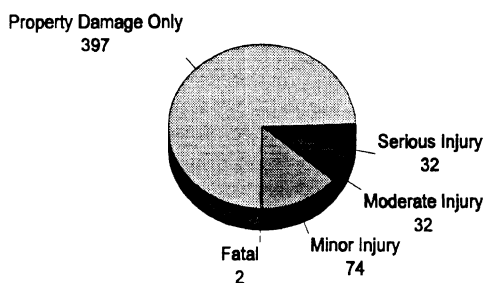
Total Population (1992): 1,706
 Tax Returns Filed (1992): 440

Costs of Traffic Crashes in Keweenaw County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	20,025.00	318,643.00	97,622.00	27,973.00	9,520.00	473,783.00
Future Earnings	990,343.00	354,627.00	145,749.00	45,221.00	23,075.00	1,559,012.00
Public Service	1,205.00	4,550.00	3,952.00	1,661.00	1,904.00	13,272.00
Property Damage Loss	11,329.00	62,816.00	76,342.00	37,169.00	90,496.00	278,152.00
Subtotal (Monetary Cost)	1,022,903.00	740,623.00	323,646.00	112,024.00	124,992.00	2,324,188.00
Quality of Life	2,033,627.00	1,883,102.00	547,789.00	133,562.00	29,064.00	4,627,144.00
Total Cost	3,056,530.00	2,623,725.00	871,435.00	245,586.00	154,056.00	6,951,332.00

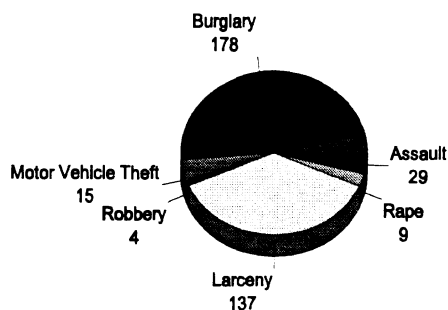
Costs of Index Crimes in Keweenaw County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	1,162.00	0.00	1,884.00	0.00	0.00	0.00	3,046.00
Future Earnings	0.00	3,345.00	0.00	3,270.00	200.00	400.00	0.00	7,215.00
Public Service	0.00	509.00	0.00	660.00	3,050.00	8,700.00	0.00	12,919.00
Property Damage Loss	0.00	102.00	0.00	159.00	19,730.00	18,000.00	0.00	37,991.00
Subtotal (Monetary Cost)	0.00	5,118.00	0.00	5,973.00	22,980.00	27,100.00	0.00	61,171.00
Quality of Life	0.00	114,117.00	0.00	22,182.00	2,830.00	0.00	0.00	139,129.00
Total Cost	0.00	119,235.00	0.00	28,155.00	25,810.00	27,100.00	0.00	200,300.00

Lake County 1993

Number of Traffic Crash Casualties

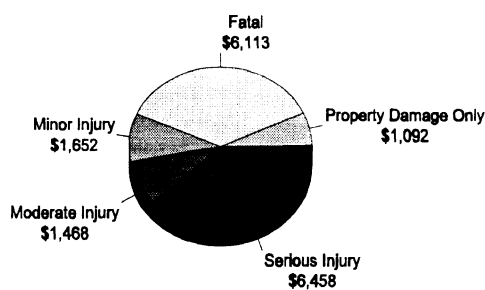


Number of Index Crimes



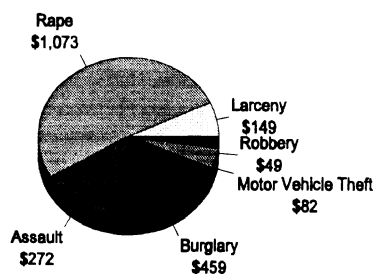
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$2,084,083
 Cost of Index Crimes per county resident: \$231
 Cost of Index Crimes per tax return filed: \$586

Total cost of traffic crashes: \$16,783,411
 Cost of Traffic Crashes per county resident: \$1,859
 Cost of Traffic crashes per tax return filed: \$4,718

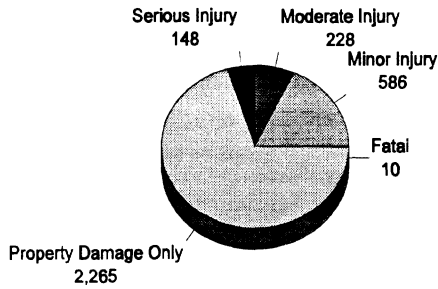
Total Population (1992): 9,029
 Tax Returns Filed (1992): 3,557

Costs of Traffic Crashes in Lake County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	40,050.00	784,352.00	164,416.00	188,182.00	67,490.00	1,244,490.00
Future Earnings	1,980,686.00	872,928.00	245,472.00	304,214.00	163,564.00	3,566,864.00
Public Service	2,410.00	11,200.00	6,656.00	11,174.00	13,498.00	44,938.00
Property Damage Loss	22,658.00	154,624.00	128,576.00	250,046.00	641,552.00	1,197,456.00
Subtotal (Monetary Cost)	2,045,806.00	1,823,072.00	545,088.00	753,616.00	886,104.00	6,053,686.00
Quality of Life	4,067,254.00	4,635,328.00	922,592.00	898,508.00	206,043.00	10,729,725.00
Total Cost	6,113,060.00	6,458,400.00	1,467,680.00	1,652,124.00	1,092,147.00	16,783,411.00

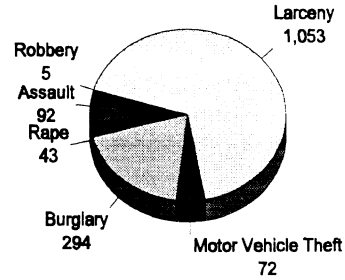
Costs of Index Crimes in Lake County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	10,458.00	3,332.00	18,212.00	0.00	0.00	0.00	32,002.00
Future Earnings	0.00	30,105.00	6,304.00	31,610.00	3,560.00	2,192.00	885.00	74,656.00
Public Service	0.00	4,581.00	1,204.00	6,380.00	54,290.00	47,676.00	3,255.00	117,386.00
Property Damage Loss	0.00	918.00	3,516.00	1,537.00	351,194.00	98,640.00	74,175.00	529,980.00
Subtotal (Monetary Cost)	0.00	46,062.00	14,356.00	57,739.00	409,044.00	148,508.00	78,315.00	754,024.00
Quality of Life	0.00	1,027,053.00	34,336.00	214,426.00	50,374.00	0.00	3,870.00	1,330,059.00
Total Cost	0.00	1,073,115.00	48,692.00	272,165.00	459,418.00	148,508.00	82,185.00	2,084,083.00

Lapeer County 1993

Number of Traffic Crash Casualties

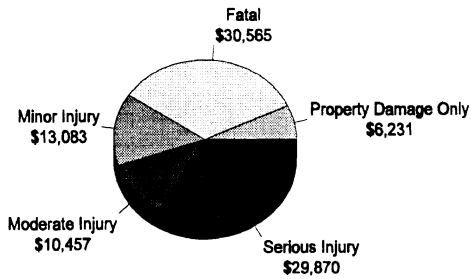


Number of Index Crimes



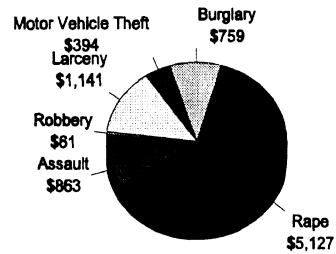
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$8,346,144

Cost of Index Crimes per county resident: \$106

Cost of Index Crimes per tax return filed: \$278

Total cost of traffic crashes: \$90,206,671

Cost of Traffic Crashes per county resident: \$1,149

Cost of Traffic Crashes per tax return filed: \$3,009

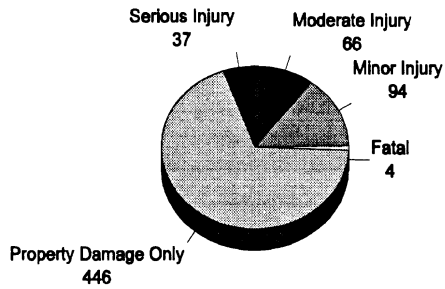
Total Population (1992): 78,526
Tax Returns Filed (1992): 29,983

Costs of Traffic Crashes in Lapeer County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	200,250.00	3,627,628.00	1,171,464.00	1,490,198.00	385,050.00	6,874,590.00
Future Earnings	9,903,430.00	4,037,292.00	1,748,988.00	2,409,046.00	933,180.00	19,031,936.00
Public Service	12,050.00	51,800.00	47,424.00	88,486.00	77,010.00	276,770.00
Property Damage Loss	113,290.00	715,136.00	916,104.00	1,980,094.00	3,660,240.00	7,384,864.00
Subtotal (Monetary Cost)	10,229,030.00	8,431,708.00	3,883,752.00	5,967,824.00	5,055,480.00	33,567,794.00
Quality of Life	20,336,270.00	21,438,392.00	6,573,468.00	7,115,212.00	1,175,535.00	56,638,877.00
Total Cost	30,565,300.00	29,870,100.00	10,457,220.00	13,083,036.00	6,231,015.00	90,206,671.00

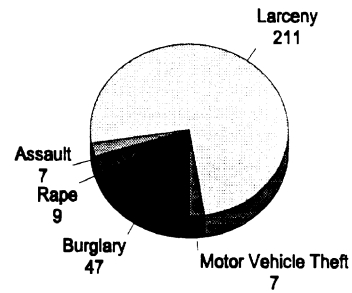
Costs of Index Crimes in Lapeer County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	49,966.00	4,165.00	57,776.00	0.00	0.00	0.00	111,907.00
Future Earnings	0.00	143,835.00	7,880.00	100,280.00	5,880.00	16,848.00	4,248.00	278,971.00
Public Service	0.00	21,887.00	1,505.00	20,240.00	89,670.00	366,444.00	15,624.00	515,370.00
Property Damage Loss	0.00	4,386.00	4,395.00	4,876.00	580,062.00	758,160.00	356,040.00	1,707,919.00
Subtotal (Monetary Cost)	0.00	220,074.00	17,945.00	183,172.00	675,612.00	1,141,452.00	375,912.00	2,614,167.00
Quality of Life	0.00	4,907,031.00	42,920.00	680,248.00	83,202.00	0.00	18,576.00	5,731,977.00
Total Cost	0.00	5,127,105.00	60,865.00	863,420.00	758,814.00	1,141,452.00	394,488.00	8,346,144.00

Leelanau County 1993

Number of Traffic Crash Casualties

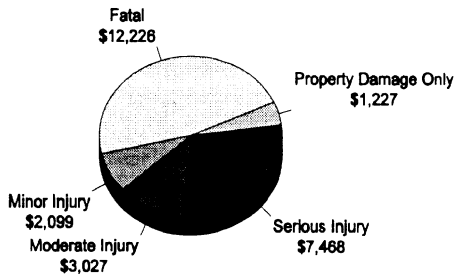


Number of Index Crimes



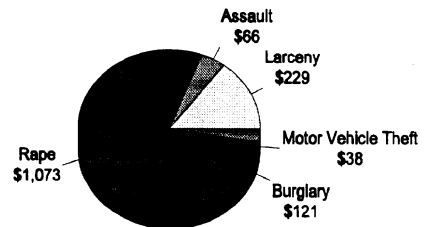
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,527,194
 Cost of Index Crimes per county resident: \$88
 Cost of Index Crimes per tax return filed: \$164

Total cost of traffic crashes: \$26,046,325
 Cost of Traffic Crashes per county resident: \$1,506
 Cost of Traffic Crashes per tax return filed: \$2,790

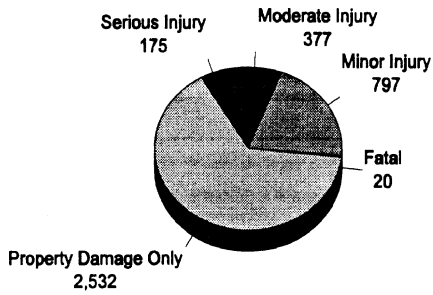
Total Population (1992): 17,292
 Tax Returns Filed (1992): 9,334

Costs of Traffic Crashes in Leelanau County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	80,100.00	906,907.00	339,108.00	239,042.00	75,820.00	1,640,977.00
Future Earnings	3,961,372.00	1,009,323.00	506,286.00	386,434.00	183,752.00	6,047,167.00
Public Service	4,820.00	12,950.00	13,728.00	14,194.00	15,164.00	60,856.00
Property Damage Loss	45,316.00	178,784.00	265,188.00	317,626.00	720,736.00	1,527,650.00
Subtotal (Monetary Cost)	4,091,612.00	2,107,927.00	1,124,244.00	957,296.00	995,472.00	9,276,551.00
Quality of Life	8,134,508.00	5,359,598.00	1,902,846.00	1,141,348.00	231,474.00	16,769,774.00
Total Cost	12,226,120.00	7,467,525.00	3,027,090.00	2,098,644.00	1,226,946.00	26,046,325.00

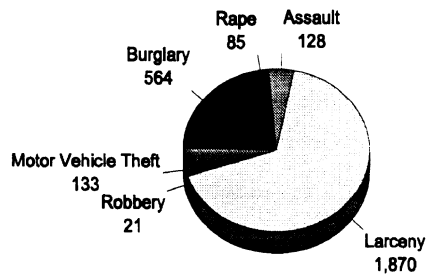
Costs of Index Crimes in Leelanau County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	10,458.00	0.00	4,396.00	0.00	0.00	0.00	14,854.00
Future Earnings	0.00	30,105.00	0.00	7,630.00	940.00	3,376.00	413.00	42,464.00
Public Service	0.00	4,581.00	0.00	1,540.00	14,335.00	73,428.00	1,519.00	95,403.00
Property Damage Loss	0.00	918.00	0.00	371.00	92,731.00	151,920.00	34,615.00	280,555.00
Subtotal (Monetary Cost)	0.00	46,062.00	0.00	13,937.00	108,006.00	228,724.00	36,547.00	433,276.00
Quality of Life	0.00	1,027,053.00	0.00	51,758.00	13,301.00	0.00	1,806.00	1,093,918.00
Total Cost	0.00	1,073,115.00	0.00	65,695.00	121,307.00	228,724.00	38,353.00	1,527,194.00

Lenawee County 1993

Number of Traffic Crash Casualties

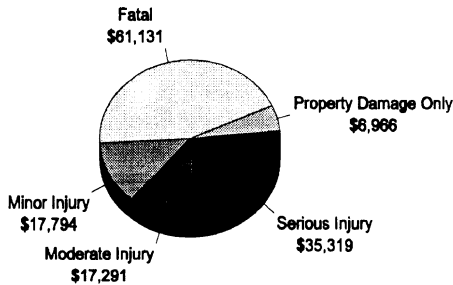


Number of Index Crimes



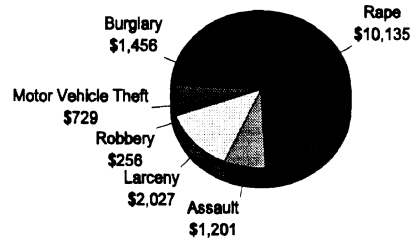
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$15,803,359
 Cost of Index Crimes per county resident: \$168
 Cost of Index Crimes per tax return filed: \$413

Total cost of traffic crashes: \$138,500,434
 Cost of Traffic Crashes per county resident: \$1,471
 Cost of Traffic Crashes per tax return filed: \$3,622

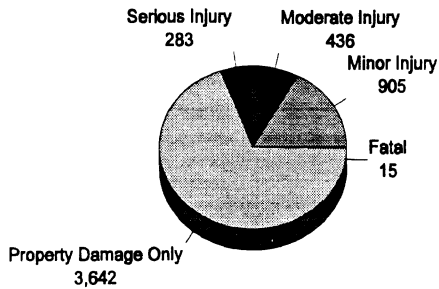
Total Population (1992): 94,132
 Tax Returns Filed (1992): 38,235

Costs of Traffic Crashes in Lenawee County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	400,500.00	4,289,425.00	1,937,026.00	2,026,771.00	430,440.00	9,084,162.00
Future Earnings	19,806,860.00	4,773,825.00	2,891,967.00	3,276,467.00	1,043,184.00	31,792,303.00
Public Service	24,100.00	61,250.00	78,416.00	120,347.00	86,088.00	370,201.00
Property Damage Loss	226,580.00	845,600.00	1,514,786.00	2,693,063.00	4,091,712.00	9,371,741.00
Subtotal (Monetary Cost)	20,458,060.00	9,969,925.00	6,421,818.00	8,116,648.00	5,651,424.00	50,617,875.00
Quality of Life	40,672,540.00	25,349,450.00	10,869,287.00	9,677,174.00	1,314,108.00	87,882,559.00
Total Cost	61,130,600.00	35,319,975.00	17,291,105.00	17,793,822.00	6,965,532.00	138,500,434.00

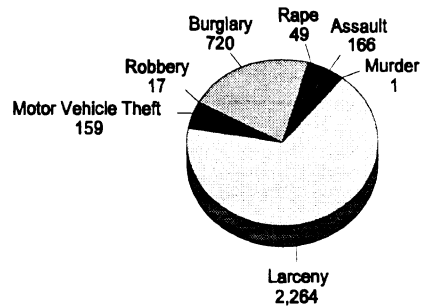
Costs of Index Crimes in Lenawee County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	98,770.00	17,493.00	80,384.00	0.00	0.00	0.00	196,647.00
Future Earnings	0.00	284,325.00	33,096.00	139,520.00	11,280.00	29,920.00	7,847.00	505,988.00
Public Service	0.00	43,265.00	6,321.00	28,160.00	172,020.00	650,760.00	28,861.00	929,387.00
Property Damage Loss	0.00	8,670.00	18,459.00	6,784.00	1,112,772.00	1,346,400.00	657,685.00	3,150,770.00
Subtotal (Monetary Cost)	0.00	435,030.00	75,369.00	254,848.00	1,296,072.00	2,027,080.00	694,393.00	4,782,792.00
Quality of Life	0.00	9,699,945.00	180,264.00	946,432.00	159,612.00	0.00	34,314.00	11,020,567.00
Total Cost	0.00	10,134,975.00	255,633.00	1,201,280.00	1,455,684.00	2,027,080.00	728,707.00	15,803,359.00

Livingston County 1993

Number of Traffic Crash Casualties

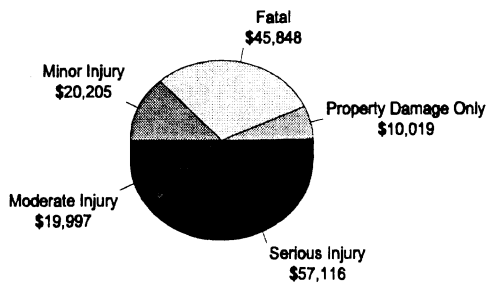


Number of Index Crimes



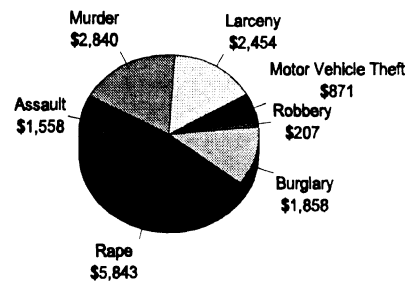
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$15,631,133
 Cost of Index Crimes per county resident: \$127
 Cost of Index Crimes per tax return filed: \$301

Total cost of traffic crashes: \$153,185,737
 Cost of Traffic Crashes per county resident: \$1,249
 Cost of Traffic Crashes per tax return filed: \$2,951

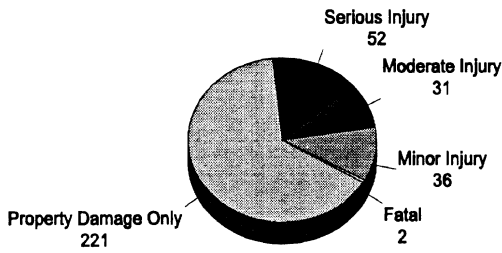
Total Population (1992): 122,658
 Tax Returns Filed (1992): 51,909

Costs of Traffic Crashes in Livingston County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	300,375.00	6,936,613.00	2,240,168.00	2,301,415.00	619,140.00	12,397,711.00
Future Earnings	14,855,145.00	7,719,957.00	3,344,556.00	3,720,455.00	1,500,504.00	31,140,617.00
Public Service	18,075.00	99,050.00	90,688.00	136,655.00	123,828.00	468,296.00
Property Damage Loss	169,935.00	1,367,456.00	1,751,848.00	3,057,995.00	5,885,472.00	12,232,706.00
Subtotal (Monetary Cost)	15,343,545.00	16,122,793.00	7,426,824.00	9,216,520.00	8,128,944.00	56,238,626.00
Quality of Life	30,504,405.00	40,993,682.00	12,570,316.00	10,988,510.00	1,890,198.00	96,947,111.00
Total Cost	45,847,950.00	57,116,475.00	19,997,140.00	20,205,030.00	10,019,142.00	153,185,737.00

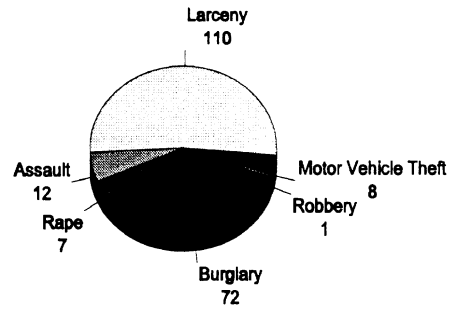
Costs of Index Crimes in Livingston County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	56,938.00	14,161.00	104,248.00	0.00	0.00	0.00	194,272.00
Future Earnings	966,901.00	163,905.00	26,792.00	180,940.00	14,400.00	36,224.00	9,381.00	1,398,543.00
Public Service	1,967.00	24,941.00	5,117.00	36,520.00	219,600.00	787,872.00	34,503.00	1,110,520.00
Property Damage Loss	1,206.00	4,998.00	14,943.00	8,798.00	1,420,560.00	1,630,080.00	786,255.00	3,866,840.00
Subtotal (Monetary Cost)	988,999.00	250,782.00	61,013.00	330,506.00	1,654,560.00	2,454,176.00	830,139.00	6,570,175.00
Quality of Life	1,851,111.00	5,591,733.00	145,928.00	1,227,404.00	203,760.00	0.00	41,022.00	9,060,958.00
Total Cost	2,840,110.00	5,842,515.00	206,941.00	1,557,910.00	1,858,320.00	2,454,176.00	871,161.00	15,631,133.00

Luce County 1993

Number of Traffic Crash Casualties

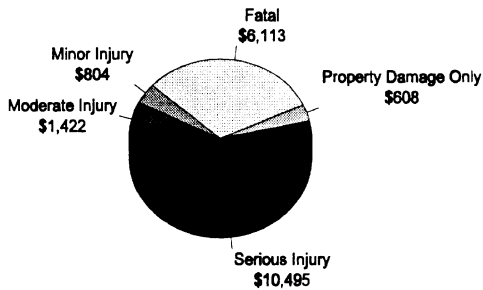


Number of Index Crimes



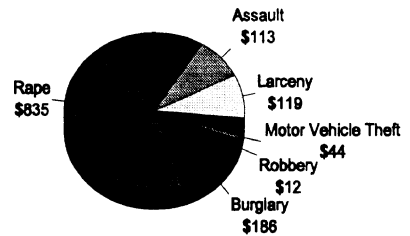
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,308,342
 Cost of Index Crimes per county resident: \$233
 Cost of Index Crimes per tax return filed: \$482

Total cost of traffic crashes: \$19,441,482
 Cost of Traffic Crashes per county resident: \$3,469
 Cost of Traffic Crashes per tax return filed: \$7,163

Total Population (1992): 5,604
 Tax Returns Filed (1992): 2,714

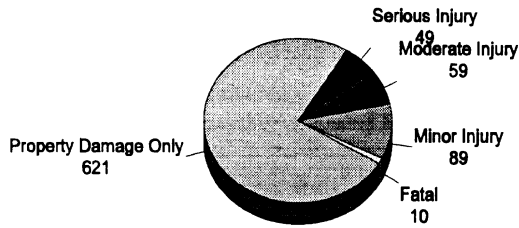
Costs of Traffic Crashes in Luce County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	40,050.00	1,274,572.00	159,278.00	91,548.00	37,570.00	1,603,018.00	
Future Earnings	1,980,686.00	1,418,508.00	237,801.00	147,996.00	91,052.00	3,876,043.00	
Public Service	2,410.00	18,200.00	6,448.00	5,436.00	7,514.00	40,008.00	
Property Damage Loss	22,658.00	251,264.00	124,558.00	121,644.00	357,136.00	877,260.00	
Subtotal (Monetary Cost)	2,045,806.00	2,962,492.00	528,054.00	366,624.00	493,272.00	6,396,248.00	
Quality of Life	4,067,254.00	7,532,408.00	893,761.00	437,112.00	114,699.00	13,045,234.00	
Total Cost	6,113,060.00	10,494,900.00	1,421,815.00	803,736.00	607,971.00	19,441,482.00	

Costs of Index Crimes in Luce County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	8,134.00	833.00	7,536.00	0.00	0.00	0.00	16,503.00	
Future Earnings	0.00	23,415.00	1,576.00	13,080.00	1,440.00	1,760.00	472.00	41,743.00	
Public Service	0.00	3,563.00	301.00	2,640.00	21,960.00	38,280.00	1,736.00	68,480.00	
Property Damage Loss	0.00	714.00	879.00	636.00	142,056.00	79,200.00	39,560.00	263,045.00	
Subtotal (Monetary Cost)	0.00	35,826.00	3,589.00	23,892.00	165,456.00	119,240.00	41,768.00	389,771.00	
Quality of Life	0.00	798,819.00	8,584.00	88,728.00	20,376.00	0.00	2,064.00	918,571.00	
Total Cost	0.00	834,645.00	12,173.00	112,620.00	185,832.00	119,240.00	43,832.00	1,308,342.00	

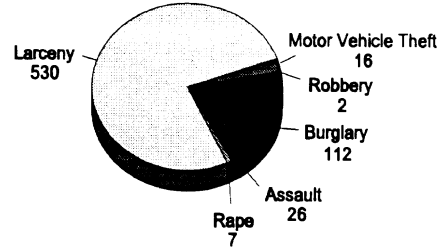
Mackinac County

1993

Number of Traffic Crash Casualties

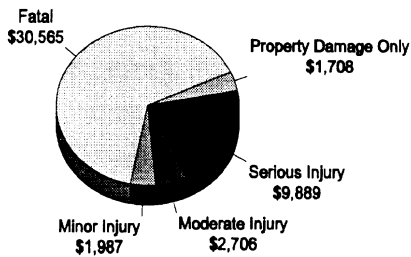


Number of Index Crimes



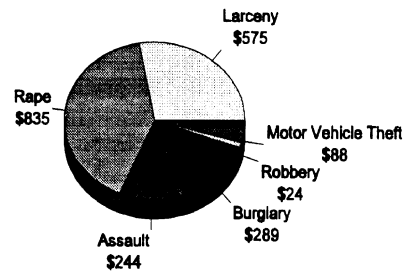
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$2,054,257

Cost of Index Crimes per county resident: \$191

Cost of Index Crimes per tax return filed: \$297

Total cost of traffic crashes: \$46,856,145

Cost of Traffic Crashes per county resident: \$4,358

Cost of Traffic Crashes per tax return filed: \$6,770

Total Population (1992): 10,752

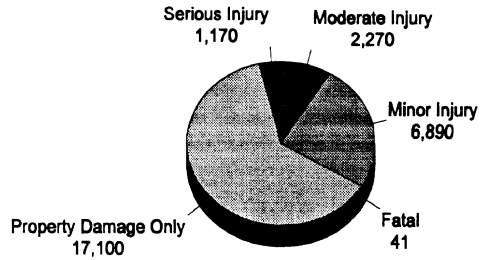
Tax Returns Filed (1992): 6,921

Costs of Traffic Crashes in Mackinac County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	200,250.00	1,201,039.00	303,142.00	226,327.00	105,570.00	2,036,328.00
Future Earnings	9,903,430.00	1,336,671.00	452,589.00	365,879.00	255,852.00	12,314,421.00
Public Service	12,050.00	17,150.00	12,272.00	13,439.00	21,114.00	76,025.00
Property Damage Loss	113,290.00	236,768.00	237,062.00	300,731.00	1,003,536.00	1,891,387.00
Subtotal (Monetary Cost)	10,229,030.00	2,791,579.00	1,005,006.00	906,376.00	1,386,072.00	16,318,063.00
Quality of Life	20,336,270.00	7,097,846.00	1,701,029.00	1,080,638.00	322,299.00	30,538,082.00
Total Cost	30,565,300.00	9,889,425.00	2,706,035.00	1,987,014.00	1,708,371.00	46,856,145.00

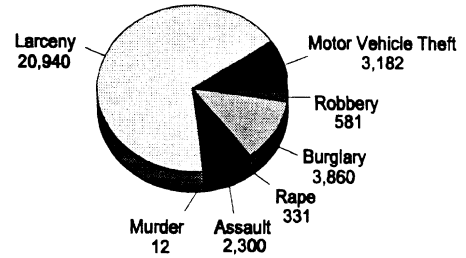
Costs of Index Crimes in Mackinac County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	8,134.00	1,666.00	16,328.00	0.00	0.00	0.00	26,128.00
Future Earnings	0.00	23,415.00	3,152.00	28,340.00	2,240.00	8,480.00	944.00	66,571.00
Public Service	0.00	3,563.00	602.00	5,720.00	34,160.00	184,440.00	3,472.00	231,957.00
Property Damage Loss	0.00	714.00	1,758.00	1,378.00	220,976.00	381,600.00	79,120.00	685,546.00
Subtotal (Monetary Cost)	0.00	35,826.00	7,178.00	51,766.00	257,376.00	574,520.00	83,536.00	1,010,202.00
Quality of Life	0.00	798,819.00	17,168.00	192,244.00	31,696.00	0.00	4,128.00	1,044,055.00
Total Cost	0.00	834,645.00	24,346.00	244,010.00	289,072.00	574,520.00	87,664.00	2,054,257.00

Macomb County 1993

Number of Traffic Crash Casualties

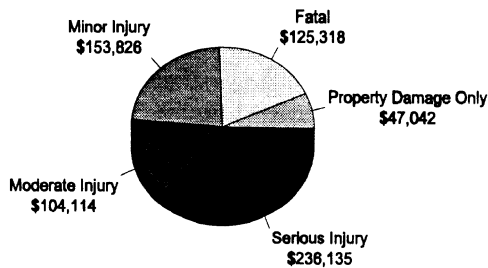


Number of Index Crimes



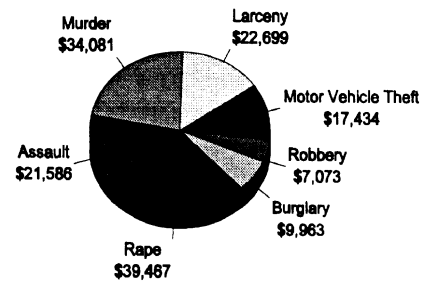
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$152,301,916
 Cost of Index Crimes per county resident: \$209
 Cost of Index Crimes per tax return filed: \$508

Total cost of traffic crashes: \$666,434,770
 Cost of Traffic Crashes per county resident: \$915
 Cost of Traffic Crashes per tax return filed: \$2,222

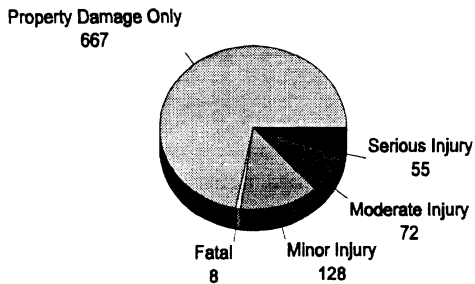
Total Population (1992): 728,220
 Tax Returns Filed (1992): 299,906

Costs of Traffic Crashes in Macomb County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	821,025.00	28,677,870.00	11,663,260.00	17,521,270.00	2,907,000.00	61,590,425.00
Future Earnings	40,604,063.00	31,916,430.00	17,413,170.00	28,324,790.00	7,045,200.00	125,303,653.00
Public Service	49,405.00	409,500.00	472,160.00	1,040,390.00	581,400.00	2,552,855.00
Property Damage Loss	464,489.00	5,653,440.00	9,120,860.00	23,281,310.00	27,633,600.00	66,153,699.00
Subtotal (Monetary Cost)	41,939,023.00	66,656,070.00	38,667,180.00	70,167,760.00	38,167,200.00	255,597,233.00
Quality of Life	83,378,707.00	169,479,180.00	65,446,370.00	83,658,380.00	8,874,900.00	410,837,537.00
Total Cost	125,317,730.00	236,135,250.00	104,113,550.00	153,826,140.00	47,042,100.00	666,434,770.00

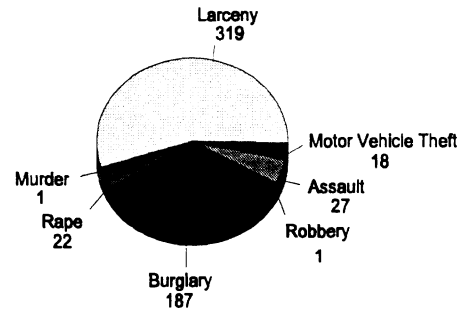
Costs of Index Crimes in Macomb County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	227,100.00	384,622.00	483,973.00	1,444,400.00	0.00	0.00	0.00	2,540,095.00
Future Earnings	11,602,812.00	1,107,195.00	915,656.00	2,507,000.00	77,200.00	335,040.00	187,738.00	16,732,641.00
Public Service	23,604.00	168,479.00	174,881.00	506,000.00	1,177,300.00	7,287,120.00	690,494.00	10,027,878.00
Property Damage Loss	14,472.00	33,762.00	510,699.00	121,900.00	7,615,780.00	15,076,800.00	15,734,990.00	39,108,403.00
Subtotal (Monetary Cost)	11,867,988.00	1,694,058.00	2,085,209.00	4,579,300.00	8,870,280.00	22,698,960.00	16,613,222.00	68,409,017.00
Quality of Life	22,213,332.00	37,772,727.00	4,987,304.00	17,006,200.00	1,092,380.00	0.00	820,956.00	83,892,899.00
Total Cost	34,081,320.00	39,466,785.00	7,072,513.00	21,585,500.00	9,962,660.00	22,698,960.00	17,434,178.00	152,301,916.00

Manistee County 1993

Number of Traffic Crash Casualties

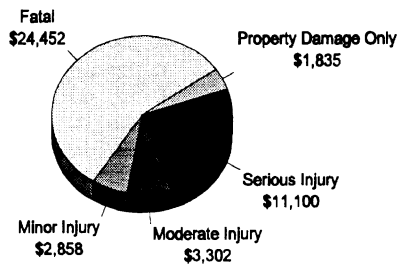


Number of Index Crimes



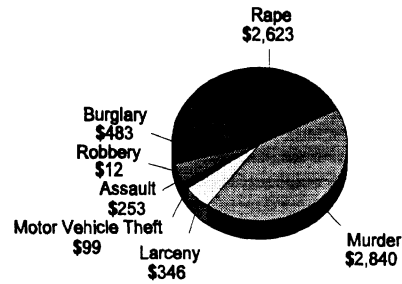
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$6,655,913

Cost of Index Crimes per county resident: \$304

Cost of Index Crimes per tax return filed: \$622

Total cost of traffic crashes: \$43,547,540

Cost of Traffic Crashes per county resident: \$1,986

Cost of Traffic Crashes per tax return filed: \$4,067

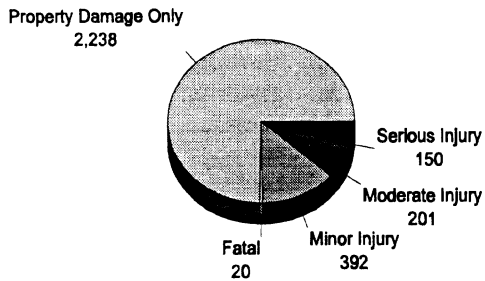
Total Population (1992): 21,925
Tax Returns Filed (1992): 10,708

Costs of Traffic Crashes in Manistee County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	1,348,105.00	369,936.00	325,504.00	113,390.00	2,317,135.00
Future Earnings	7,922,744.00	1,500,345.00	552,312.00	526,208.00	274,804.00	10,776,413.00
Public Service	9,640.00	19,250.00	14,976.00	19,328.00	22,678.00	85,872.00
Property Damage Loss	90,632.00	265,760.00	289,296.00	432,512.00	1,077,872.00	2,156,072.00
Subtotal (Monetary Cost)	8,183,224.00	3,133,405.00	1,226,448.00	1,303,552.00	1,488,744.00	15,335,373.00
Quality of Life	16,269,016.00	7,966,970.00	2,075,832.00	1,554,176.00	346,173.00	28,212,167.00
Total Cost	24,452,240.00	11,100,375.00	3,302,280.00	2,857,728.00	1,834,917.00	43,547,540.00

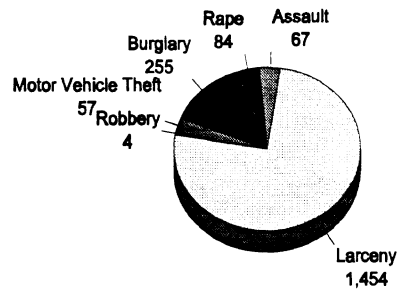
Costs of Index Crimes in Manistee County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	25,564.00	833.00	16,956.00	0.00	0.00	0.00	62,278.00
Future Earnings	966,901.00	73,590.00	1,576.00	29,430.00	3,740.00	5,104.00	1,062.00	1,081,403.00
Public Service	1,967.00	11,198.00	301.00	5,940.00	57,035.00	111,012.00	3,906.00	191,359.00
Property Damage Loss	1,206.00	2,244.00	879.00	1,431.00	368,951.00	229,680.00	89,010.00	693,401.00
Subtotal (Monetary Cost)	988,999.00	112,596.00	3,589.00	53,757.00	429,726.00	345,796.00	93,978.00	2,028,441.00
Quality of Life	1,851,111.00	2,510,574.00	8,584.00	199,638.00	52,921.00	0.00	4,644.00	4,627,472.00
Total Cost	2,840,110.00	2,623,170.00	12,173.00	253,395.00	482,647.00	345,796.00	98,622.00	6,655,913.00

Marquette County 1993

Number of Traffic Crash Casualties

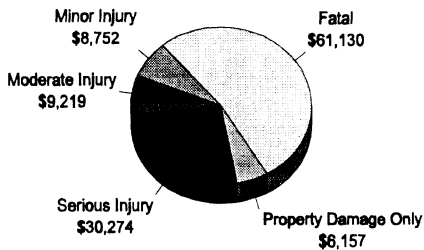


Number of Index Crimes



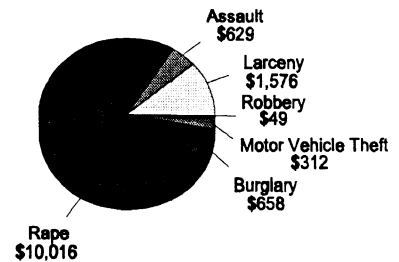
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$13,239,821
 Cost of Index Crimes per county resident: \$185
 Cost of Index Crimes per tax return filed: \$457

Total cost of traffic crashes: \$115,531,745
 Cost of Traffic Crashes per county resident: \$1,617
 Cost of Traffic Crashes per tax return filed: \$3,991

Total Population (1992): 71,428
 Tax Returns Filed (1992): 28,946

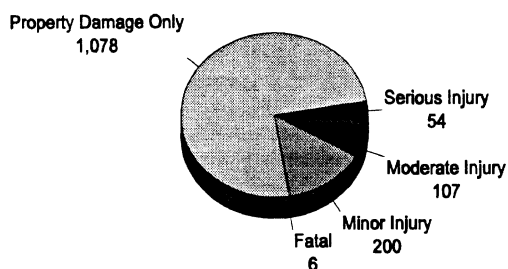
Costs of Traffic Crashes in Marquette County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	400,500.00	3,676,650.00	1,032,738.00	996,856.00	380,460.00	6,487,204.00
Future Earnings	19,806,860.00	4,091,850.00	1,541,871.00	1,611,512.00	922,056.00	27,974,149.00
Public Service	24,100.00	52,500.00	41,808.00	59,192.00	76,092.00	253,692.00
Property Damage Loss	226,580.00	724,800.00	807,618.00	1,324,568.00	3,616,608.00	6,700,174.00
Subtotal (Monetary Cost)	20,458,060.00	8,545,650.00	3,423,834.00	3,992,128.00	4,995,216.00	41,414,888.00
Quality of Life	40,672,540.00	21,728,100.00	5,795,031.00	4,759,664.00	1,161,522.00	74,116,857.00
Total Cost	61,130,600.00	30,273,750.00	9,218,865.00	8,751,792.00	6,156,738.00	115,531,745.00

Costs of Index Crimes in Marquette County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	97,608.00	3,332.00	42,076.00	0.00	0.00	0.00	143,016.00
Future Earnings	0.00	280,980.00	6,304.00	73,030.00	5,100.00	23,264.00	3,363.00	392,041.00
Public Service	0.00	42,756.00	1,204.00	14,740.00	77,775.00	505,992.00	12,369.00	654,836.00
Property Damage Loss	0.00	8,568.00	3,516.00	3,551.00	503,115.00	1,046,880.00	281,865.00	1,847,495.00
Subtotal (Monetary Cost)	0.00	429,912.00	14,356.00	133,397.00	585,990.00	1,576,136.00	297,597.00	3,037,388.00
Quality of Life	0.00	9,585,828.00	34,336.00	495,398.00	72,165.00	0.00	14,706.00	10,202,433.00
Total Cost	0.00	10,015,740.00	48,692.00	628,795.00	658,155.00	1,576,136.00	312,303.00	13,239,821.00

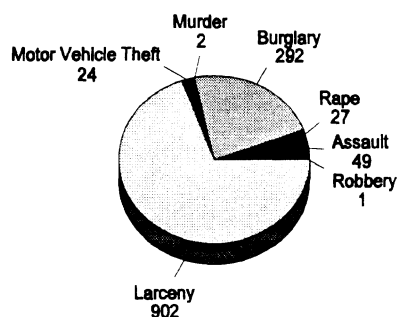
Mason County

1993

Number of Traffic Crash Casualties

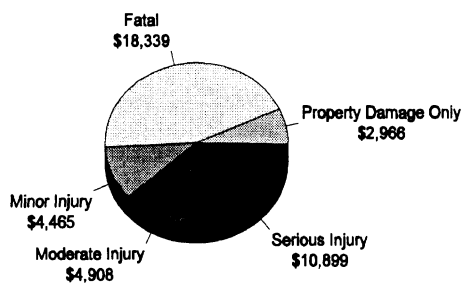


Number of Index Crimes



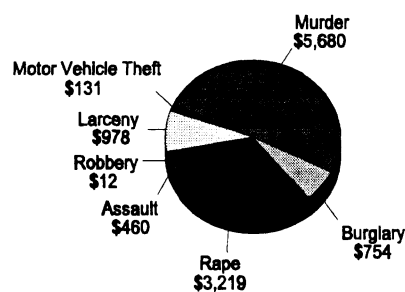
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$11,234,519
 Cost of Index Crimes per county resident: \$425
 Cost of Index Crimes per tax return filed: \$974

Total cost of traffic crashes: \$41,576,063
 Cost of Traffic Crashes per county resident: \$1,574
 Cost of Traffic Crashes per tax return filed: \$3,604

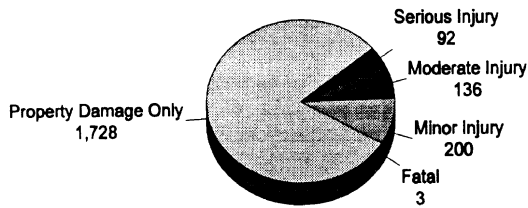
Total Population (1992): 26,420
 Tax Returns Filed (1992): 11,536

Costs of Traffic Crashes in Mason County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	120,150.00	1,323,594.00	549,766.00	508,600.00	183,260.00	2,685,370.00	
Future Earnings	5,942,058.00	1,473,066.00	820,797.00	822,200.00	444,136.00	9,502,257.00	
Public Service	7,230.00	18,900.00	22,256.00	30,200.00	36,652.00	115,238.00	
Property Damage Loss	67,974.00	260,928.00	429,926.00	675,800.00	1,742,048.00	3,176,676.00	
Subtotal (Monetary Cost)	6,137,418.00	3,076,434.00	1,822,638.00	2,036,800.00	2,406,096.00	15,479,386.00	
Quality of Life	12,201,762.00	7,822,116.00	3,084,917.00	2,428,400.00	559,482.00	26,096,677.00	
Total Cost	18,339,180.00	10,898,550.00	4,907,555.00	4,465,200.00	2,965,578.00	41,576,063.00	

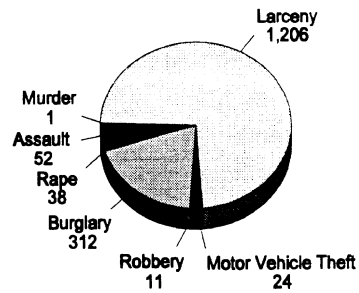
Costs of Index Crimes in Mason County (1993 dollars)										
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total		
Medical Care	37,850.00	31,374.00	833.00	30,772.00	0.00	0.00	0.00	100,829.00		
Future Earnings	1,933,802.00	90,315.00	1,576.00	53,410.00	5,840.00	14,432.00	1,416.00	2,100,791.00		
Public Service	3,934.00	13,743.00	301.00	10,780.00	89,060.00	313,896.00	5,208.00	436,922.00		
Property Damage Loss	2,412.00	2,754.00	879.00	2,597.00	576,116.00	649,440.00	118,680.00	1,352,878.00		
Subtotal (Monetary Cost)	1,977,998.00	138,186.00	3,589.00	97,559.00	671,016.00	977,768.00	125,304.00	3,991,420.00		
Quality of Life	3,702,222.00	3,081,159.00	8,584.00	362,306.00	82,636.00	0.00	6,192.00	7,243,099.00		
Total Cost	5,680,220.00	3,219,345.00	12,173.00	459,865.00	753,652.00	977,768.00	131,496.00	11,234,519.00		

Mecosta County 1993

Number of Traffic Crash Casualties

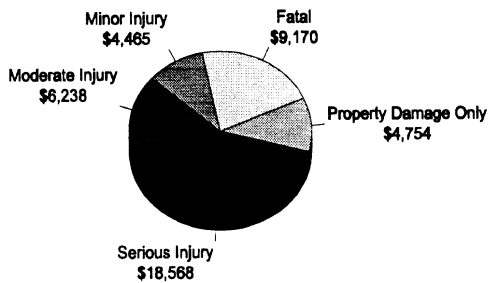


Number of Index Crimes



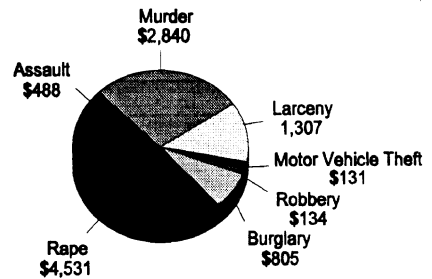
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$10,237,035
 Cost of Index Crimes per county resident: \$266
 Cost of Index Crimes per tax return filed: \$759

Total cost of traffic crashes: \$43,194,058
 Cost of Traffic Crashes per county resident: \$1,120
 Cost of Traffic Crashes per tax return filed: \$3,202

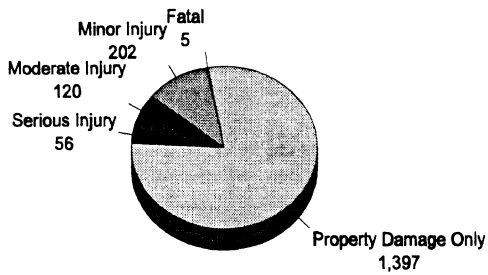
Total Population (1992): 38,553
 Tax Returns Filed (1992): 13,489

Costs of Traffic Crashes in Mecosta County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	60,075.00	2,255,012.00	698,768.00	508,600.00	293,760.00	3,816,215.00
Future Earnings	2,971,029.00	2,509,668.00	1,043,256.00	822,200.00	711,936.00	8,058,089.00
Public Service	3,615.00	32,200.00	28,288.00	30,200.00	58,752.00	153,055.00
Property Damage Loss	33,987.00	444,544.00	546,448.00	675,800.00	2,792,448.00	4,493,227.00
Subtotal (Monetary Cost)	3,068,709.00	5,241,332.00	2,316,624.00	2,036,800.00	3,856,896.00	16,520,361.00
Quality of Life	6,100,881.00	13,326,568.00	3,921,016.00	2,428,400.00	896,832.00	26,673,697.00
Total Cost	9,169,590.00	18,567,900.00	6,237,640.00	4,465,200.00	4,753,728.00	43,194,058.00

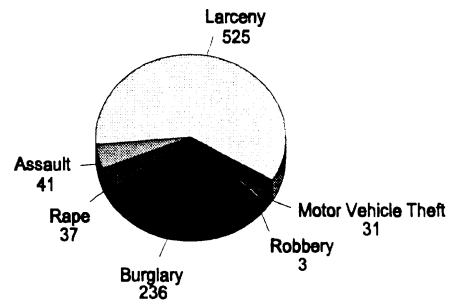
Costs of Index Crimes in Mecosta County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	44,156.00	9,163.00	32,656.00	0.00	0.00	0.00	104,900.00
Future Earnings	966,901.00	127,110.00	17,336.00	56,680.00	6,240.00	19,296.00	1,416.00	1,194,979.00
Public Service	1,967.00	19,342.00	3,311.00	11,440.00	95,160.00	419,688.00	5,208.00	556,116.00
Property Damage Loss	1,206.00	3,876.00	9,669.00	2,756.00	615,576.00	868,320.00	118,680.00	1,620,083.00
Subtotal (Monetary Cost)	988,999.00	194,484.00	39,479.00	103,532.00	716,976.00	1,307,304.00	125,304.00	3,476,078.00
Quality of Life	1,851,111.00	4,336,446.00	94,424.00	384,488.00	88,296.00	0.00	6,192.00	6,760,957.00
Total Cost	2,840,110.00	4,530,930.00	133,903.00	488,020.00	805,272.00	1,307,304.00	131,496.00	10,237,035.00

Menominee County 1993

Number of Traffic Crash Casualties

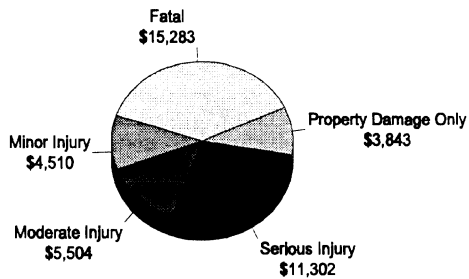


Number of Index Crimes



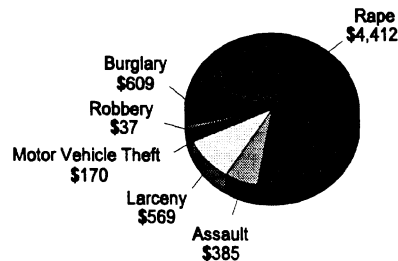
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$6,181,064

Cost of Index Crimes per county resident: \$251

Cost of Index Crimes per tax return filed: \$749

Total cost of traffic crashes: \$40,441,649

Cost of Traffic Crashes per county resident: \$1,644

Cost of Traffic Crashes per tax return filed: \$4,898

Total Population (1992): 24,593

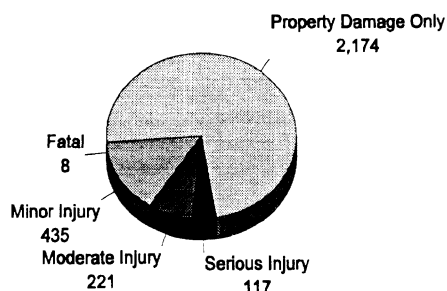
Tax Returns Filed (1992): 8,257

Costs of Traffic Crashes in Menominee County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	100,125.00	1,372,616.00	616,560.00	513,686.00	237,490.00	2,840,477.00
Future Earnings	4,951,715.00	1,527,624.00	920,520.00	830,422.00	575,564.00	8,805,845.00
Public Service	6,025.00	19,600.00	24,960.00	30,502.00	47,498.00	128,585.00
Property Damage Loss	56,645.00	270,592.00	482,160.00	682,558.00	2,257,552.00	3,749,507.00
Subtotal (Monetary Cost)	5,114,515.00	3,190,376.00	2,044,080.00	2,057,168.00	3,118,104.00	15,524,243.00
Quality of Life	10,168,135.00	8,111,824.00	3,459,720.00	2,452,684.00	725,043.00	24,917,406.00
Total Cost	15,282,650.00	11,302,200.00	5,503,800.00	4,509,852.00	3,843,147.00	40,441,649.00

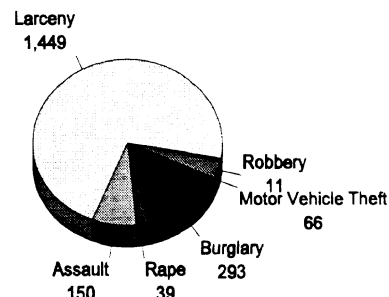
Costs of Index Crimes in Menominee County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	42,994.00	2,499.00	25,748.00	0.00	0.00	0.00	71,241.00
Future Earnings	0.00	123,765.00	4,728.00	44,690.00	4,720.00	8,400.00	1,829.00	188,132.00
Public Service	0.00	18,833.00	903.00	9,020.00	71,980.00	182,700.00	6,727.00	290,163.00
Property Damage Loss	0.00	3,774.00	2,637.00	2,173.00	465,628.00	378,000.00	153,295.00	1,005,507.00
Subtotal (Monetary Cost)	0.00	189,366.00	10,767.00	81,631.00	542,328.00	569,100.00	161,851.00	1,555,043.00
Quality of Life	0.00	4,222,329.00	25,752.00	303,154.00	66,788.00	0.00	7,998.00	4,626,021.00
Total Cost	0.00	4,411,695.00	36,519.00	384,785.00	609,116.00	569,100.00	169,849.00	6,181,064.00

Midland County 1993

Number of Traffic Crash Casualties

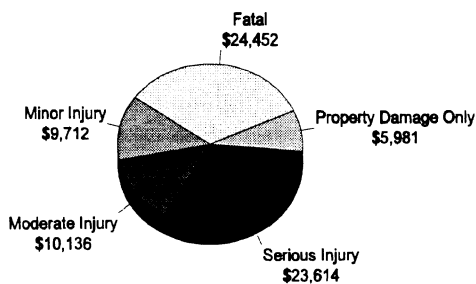


Number of Index Crimes



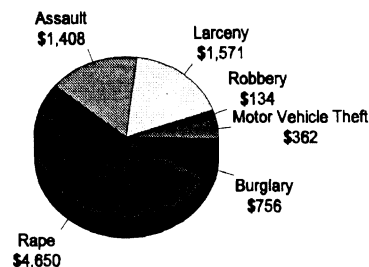
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$8,880,381

Cost of Index Crimes per county resident: \$114

Cost of Index Crimes per tax return filed: \$384

Total cost of traffic crashes: \$73,894,414

Cost of Traffic Crashes per county resident: \$948

Cost of Traffic Crashes per tax return filed: \$3,196

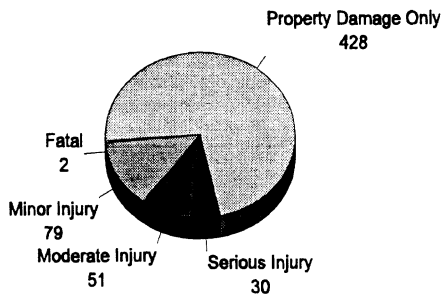
Total Population (1992): 77,950
Tax Returns Filed (1992): 23,122

Costs of Traffic Crashes in Midland County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	2,867,787.00	1,135,498.00	1,106,205.00	369,580.00	5,639,270.00
Future Earnings	7,922,744.00	3,191,643.00	1,695,291.00	1,788,285.00	895,688.00	15,493,651.00
Public Service	9,640.00	40,950.00	45,968.00	65,685.00	73,916.00	236,159.00
Property Damage Loss	90,632.00	565,344.00	887,978.00	1,469,865.00	3,513,184.00	6,527,003.00
Subtotal (Monetary Cost)	8,183,224.00	6,665,607.00	3,764,514.00	4,430,040.00	4,852,368.00	27,895,753.00
Quality of Life	16,269,016.00	16,947,918.00	6,371,651.00	5,281,770.00	1,128,306.00	45,998,661.00
Total Cost	24,452,240.00	23,613,525.00	10,136,165.00	9,711,810.00	5,980,674.00	73,894,414.00

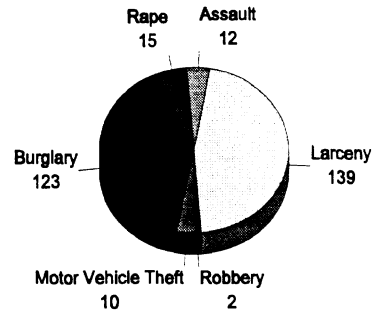
Costs of Index Crimes in Midland County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	45,318.00	9,163.00	94,200.00	0.00	0.00	0.00	148,681.00
Future Earnings	0.00	130,455.00	17,336.00	163,500.00	5,860.00	23,184.00	3,894.00	344,229.00
Public Service	0.00	19,851.00	3,311.00	33,000.00	89,365.00	504,252.00	14,322.00	664,101.00
Property Damage Loss	0.00	3,978.00	9,669.00	7,950.00	578,089.00	1,043,280.00	326,370.00	1,969,336.00
Subtotal (Monetary Cost)	0.00	199,602.00	39,479.00	298,650.00	673,314.00	1,570,716.00	344,586.00	3,126,347.00
Quality of Life	0.00	4,450,563.00	94,424.00	1,109,100.00	82,919.00	0.00	17,028.00	5,754,034.00
Total Cost	0.00	4,650,165.00	133,903.00	1,407,750.00	756,233.00	1,570,716.00	361,614.00	8,880,381.00

Missaukee County 1993

Number of Traffic Crash Casualties

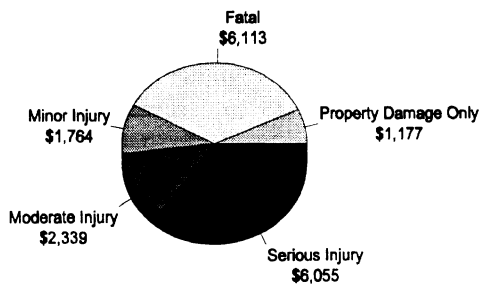


Number of Index Crimes



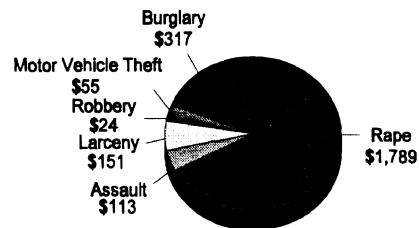
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$2,448,420

Cost of Index Crimes per county resident: \$192

Cost of Index Crimes per tax return filed: \$531

Total cost of traffic crashes: \$17,448,107

Cost of Traffic Crashes per county resident: \$1,370

Cost of Traffic Crashes per tax return filed: \$3,787

Total Population (1992): 12,739

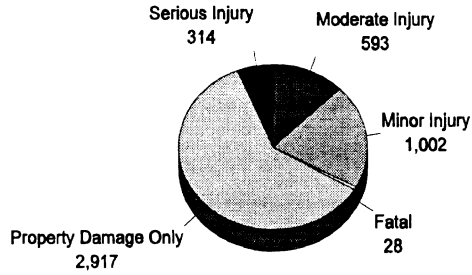
Tax Returns Filed (1992): 4,607

Costs of Traffic Crashes in Missaukee County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	40,050.00	735,330.00	262,038.00	200,897.00	72,760.00	1,311,075.00
Future Earnings	1,980,686.00	818,370.00	391,221.00	324,769.00	176,336.00	3,691,382.00
Public Service	2,410.00	10,500.00	10,608.00	11,929.00	14,552.00	49,999.00
Property Damage Loss	22,658.00	144,960.00	204,918.00	266,941.00	691,648.00	1,331,125.00
Subtotal (Monetary Cost)	2,045,806.00	1,709,130.00	868,734.00	804,536.00	955,296.00	6,383,502.00
Quality of Life	4,067,254.00	4,345,620.00	1,470,381.00	959,218.00	222,132.00	11,064,605.00
Total Cost	6,113,060.00	6,054,750.00	2,339,115.00	1,763,754.00	1,177,428.00	17,448,107.00

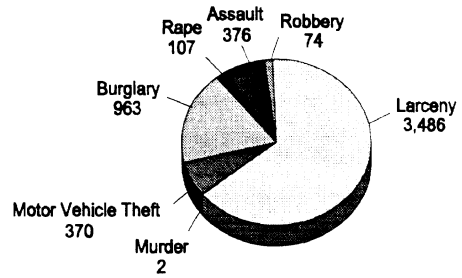
Costs of Index Crimes in Missaukee County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	17,430.00	1,666.00	7,536.00	0.00	0.00	0.00	26,632.00
Future Earnings	0.00	50,175.00	3,152.00	13,080.00	2,460.00	2,224.00	590.00	71,681.00
Public Service	0.00	7,635.00	602.00	2,640.00	37,515.00	48,372.00	2,170.00	98,934.00
Property Damage Loss	0.00	1,530.00	1,758.00	636.00	242,679.00	100,080.00	49,450.00	396,133.00
Subtotal (Monetary Cost)	0.00	76,770.00	7,178.00	23,892.00	282,654.00	150,676.00	52,210.00	593,380.00
Quality of Life	0.00	1,711,755.00	17,168.00	88,728.00	34,809.00	0.00	2,580.00	1,855,040.00
Total Cost	0.00	1,788,525.00	24,346.00	112,620.00	317,463.00	150,676.00	54,790.00	2,448,420.00

Monroe County 1993

Number of Traffic Crash Casualties

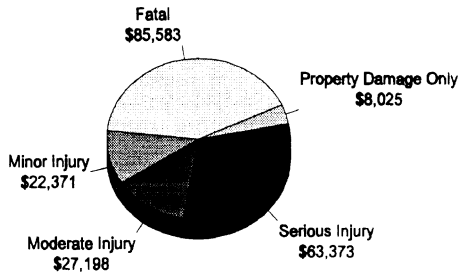


Number of Index Crimes



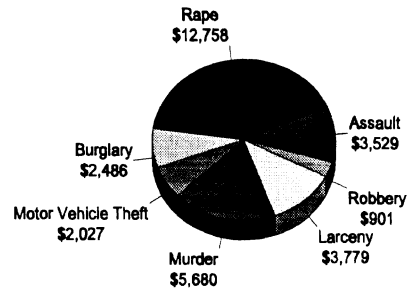
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$31,159,484

Cost of Index Crimes per county resident: \$229

Cost of Index Crimes per tax return filed: \$581

Total cost of traffic crashes: \$206,549,154

Cost of Traffic Crashes per county resident: \$1,519

Cost of Traffic Crashes per tax return filed: \$3,852

Total Population (1992): 135,962

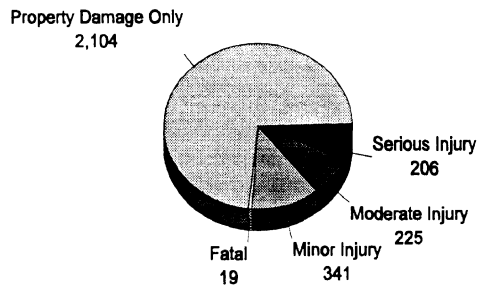
Tax Returns Filed (1992): 53,616

Costs of Traffic Crashes in Monroe County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	560,700.00	7,696,454.00	3,046,834.00	2,548,086.00	495,890.00	14,347,964.00
Future Earnings	27,729,604.00	8,565,606.00	4,548,903.00	4,119,222.00	1,201,804.00	46,165,139.00
Public Service	33,740.00	109,900.00	123,344.00	151,302.00	99,178.00	517,464.00
Property Damage Loss	317,212.00	1,517,248.00	2,382,674.00	3,385,758.00	4,713,872.00	12,316,764.00
Subtotal (Monetary Cost)	28,641,284.00	17,888,894.00	10,101,162.00	10,204,368.00	6,510,744.00	73,346,452.00
Quality of Life	56,941,556.00	45,484,156.00	17,096,783.00	12,166,284.00	1,513,923.00	133,202,702.00
Total Cost	85,582,840.00	63,373,050.00	27,197,945.00	22,370,652.00	8,024,667.00	206,549,154.00

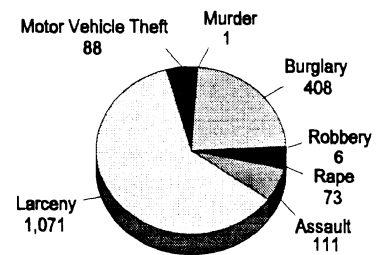
Costs of Index Crimes in Monroe County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	37,850.00	124,334.00	61,642.00	236,128.00	0.00	0.00	0.00	459,954.00
Future Earnings	1,933,802.00	357,915.00	116,624.00	409,840.00	19,260.00	55,776.00	21,830.00	2,915,047.00
Public Service	3,934.00	54,463.00	22,274.00	82,720.00	293,715.00	1,213,128.00	80,290.00	1,750,524.00
Property Damage Loss	2,412.00	10,914.00	65,046.00	19,928.00	1,899,999.00	2,509,920.00	1,829,650.00	6,337,869.00
Subtotal (Monetary Cost)	1,977,998.00	547,626.00	265,586.00	748,616.00	2,212,974.00	3,778,824.00	1,931,770.00	11,463,394.00
Quality of Life	3,702,222.00	12,210,519.00	635,216.00	2,780,144.00	272,529.00	0.00	95,460.00	19,696,090.00
Total Cost	5,680,220.00	12,758,145.00	900,802.00	3,528,760.00	2,485,503.00	3,778,824.00	2,027,230.00	31,159,484.00

Montcalm County 1993

Number of Traffic Crash Casualties

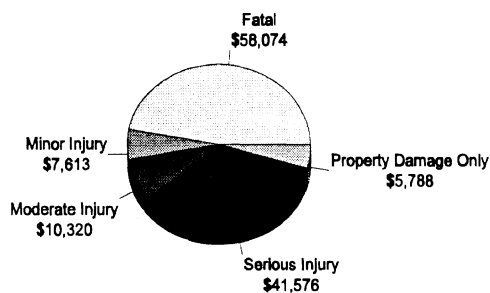


Number of Index Crimes



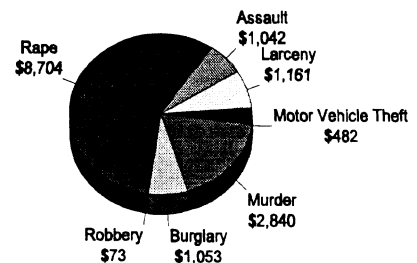
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$15,355,202
 Cost of Index Crimes per county resident: \$277
 Cost of Index Crimes per tax return filed: \$576

Total cost of traffic crashes: \$123,370,915
 Cost of Traffic Crashes per county resident: \$2,225
 Cost of Traffic Crashes per tax return filed: \$4,631

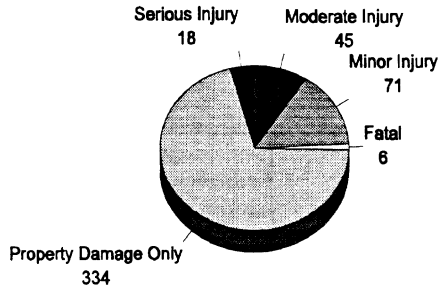
Total Population (1992): 55,445
 Tax Returns Filed (1992): 26,638

Costs of Traffic Crashes in Montcalm County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	380,475.00	5,049,266.00	1,156,050.00	867,163.00	357,680.00	7,810,634.00	
Future Earnings	18,816,517.00	5,619,474.00	1,725,975.00	1,401,851.00	866,848.00	28,430,665.00	
Public Service	22,895.00	72,100.00	46,800.00	51,491.00	71,536.00	264,822.00	
Property Damage Loss	215,251.00	995,392.00	904,050.00	1,152,239.00	3,400,064.00	6,666,996.00	
Subtotal (Monetary Cost)	19,435,157.00	11,736,026.00	3,832,650.00	3,472,744.00	4,696,128.00	43,172,705.00	
Quality of Life	38,638,913.00	29,839,924.00	6,486,975.00	4,140,422.00	1,091,976.00	80,198,210.00	
Total Cost	58,074,070.00	41,575,950.00	10,319,625.00	7,613,166.00	5,788,104.00	123,370,915.00	

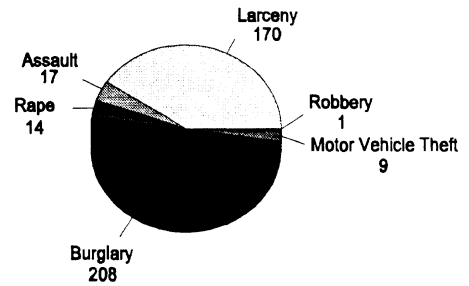
Costs of Index Crimes in Montcalm County (1993 dollars)										
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total		
Medical Care	18,925.00	84,826.00	4,998.00	69,708.00	0.00	0.00	0.00	178,457.00		
Future Earnings	966,901.00	244,185.00	9,456.00	120,990.00	8,160.00	17,136.00	5,192.00	1,372,020.00		
Public Service	1,967.00	37,157.00	1,806.00	24,420.00	124,440.00	372,708.00	19,096.00	581,594.00		
Property Damage Loss	1,206.00	7,446.00	5,274.00	5,883.00	804,984.00	771,120.00	435,160.00	2,031,073.00		
Subtotal (Monetary Cost)	988,999.00	373,614.00	21,534.00	221,001.00	937,584.00	1,160,964.00	459,448.00	4,163,144.00		
Quality of Life	1,851,111.00	8,330,541.00	51,504.00	820,734.00	115,464.00	0.00	22,704.00	11,192,058.00		
Total Cost	2,840,110.00	8,704,155.00	73,038.00	1,041,735.00	1,053,048.00	1,160,964.00	482,152.00	15,355,202.00		

Montmorency County 1993

Number of Traffic Crash Casualties

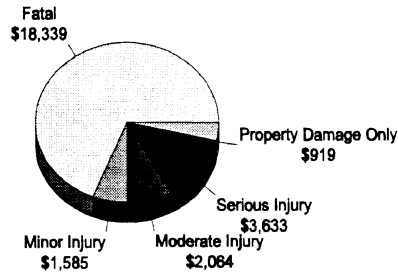


Number of Index Crimes



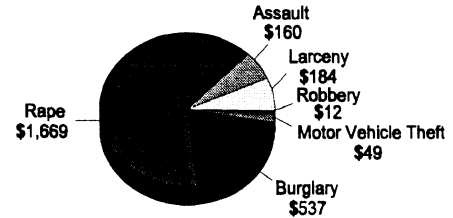
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$2,611,447

Cost of Index Crimes per county resident: \$279

Cost of Index Crimes per tax return filed: \$493

Total cost of traffic crashes: \$26,539,935

Cost of Traffic Crashes per county resident: \$2,837

Cost of Traffic Crashes per tax return filed: \$5,007

Total Population (1992): 9,355

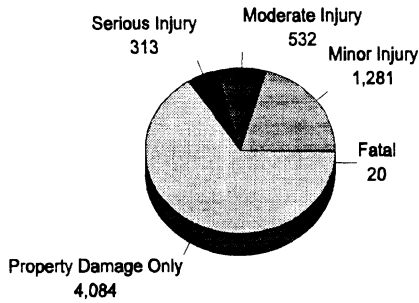
Tax Returns Filed (1992): 5,301

Costs of Traffic Crashes in Montmorency County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	120,150.00	441,198.00	231,210.00	180,553.00	56,780.00	1,029,891.00
Future Earnings	5,942,058.00	491,022.00	345,195.00	291,881.00	137,608.00	7,207,764.00
Public Service	7,230.00	6,300.00	9,360.00	10,721.00	11,356.00	44,967.00
Property Damage Loss	67,974.00	86,976.00	180,810.00	239,909.00	539,744.00	1,115,413.00
Subtotal (Monetary Cost)	6,137,418.00	1,025,478.00	766,530.00	723,064.00	745,488.00	9,397,978.00
Quality of Life	12,201,762.00	2,607,372.00	1,297,395.00	862,082.00	173,346.00	17,141,957.00
Total Cost	18,339,180.00	3,632,850.00	2,063,925.00	1,585,146.00	918,834.00	26,539,935.00

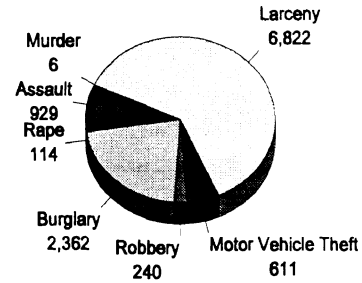
Costs of Index Crimes in Montmorency County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	16,268.00	833.00	10,676.00	0.00	0.00	0.00	27,777.00
Future Earnings	0.00	46,830.00	1,576.00	18,530.00	4,160.00	2,720.00	531.00	74,347.00
Public Service	0.00	7,126.00	301.00	3,740.00	63,440.00	59,160.00	1,953.00	135,720.00
Property Damage Loss	0.00	1,428.00	879.00	901.00	410,384.00	122,400.00	44,505.00	580,497.00
Subtotal (Monetary Cost)	0.00	71,652.00	3,589.00	33,847.00	477,984.00	184,280.00	46,989.00	818,341.00
Quality of Life	0.00	1,597,638.00	8,584.00	125,698.00	58,864.00	0.00	2,322.00	1,793,106.00
Total Cost	0.00	1,669,290.00	12,173.00	159,545.00	536,848.00	184,280.00	49,311.00	2,611,447.00

Muskegon County 1993

Number of Traffic Crash Casualties

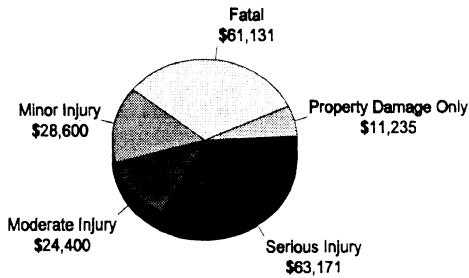


Number of Index Crimes



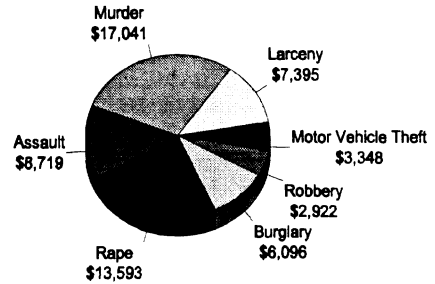
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$59,112,674
 Cost of Index Crimes per county resident: \$365
 Cost of Index Crimes per tax return filed: \$927

Total cost of traffic crashes: \$188,536,695
 Cost of Traffic Crashes per county resident: \$1,164
 Cost of Traffic Crashes per tax return filed: \$2,957

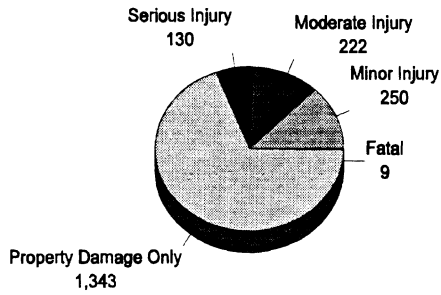
Total Population (1992): 161,980
 Tax Returns Filed (1992): 63,755

Costs of Traffic Crashes in Muskegon County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	400,500.00	7,671,943.00	2,733,416.00	3,257,583.00	694,280.00	14,757,722.00
Future Earnings	19,806,860.00	8,538,327.00	4,080,972.00	5,266,191.00	1,682,608.00	39,374,958.00
Public Service	24,100.00	109,550.00	110,656.00	193,431.00	138,856.00	576,593.00
Property Damage Loss	226,580.00	1,512,416.00	2,137,576.00	4,328,499.00	6,599,744.00	14,804,815.00
Subtotal (Monetary Cost)	20,458,060.00	17,831,923.00	9,062,088.00	13,045,704.00	9,115,488.00	69,513,263.00
Quality of Life	40,672,540.00	45,339,302.00	15,338,092.00	15,553,902.00	2,119,596.00	119,023,432.00
Total Cost	61,130,600.00	63,171,225.00	24,400,180.00	28,599,606.00	11,235,084.00	188,536,695.00

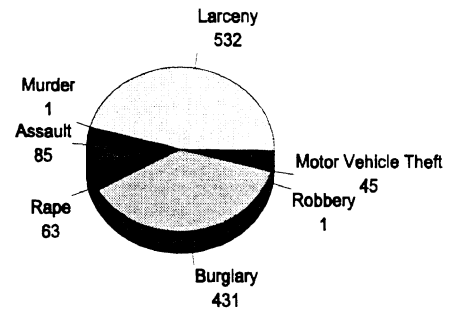
Costs of Index Crimes in Muskegon County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	113,550.00	132,468.00	199,920.00	583,412.00	0.00	0.00	0.00	1,029,350.00
Future Earnings	5,801,406.00	381,330.00	378,240.00	1,012,610.00	47,240.00	109,152.00	36,049.00	7,766,027.00
Public Service	11,802.00	58,026.00	72,240.00	204,380.00	720,410.00	2,374,056.00	132,587.00	3,573,501.00
Property Damage Loss	7,236.00	11,628.00	210,960.00	49,237.00	4,660,226.00	4,911,840.00	3,021,395.00	12,872,522.00
Subtotal (Monetary Cost)	5,933,994.00	583,452.00	861,360.00	1,849,639.00	5,427,876.00	7,395,048.00	3,190,031.00	25,241,400.00
Quality of Life	11,106,666.00	13,009,338.00	2,060,160.00	6,869,026.00	668,446.00	0.00	157,638.00	33,871,274.00
Total Cost	17,040,660.00	13,592,790.00	2,921,520.00	8,718,665.00	6,096,322.00	7,395,048.00	3,347,669.00	59,112,674.00

Newaygo County 1993

Number of Traffic Crash Casualties

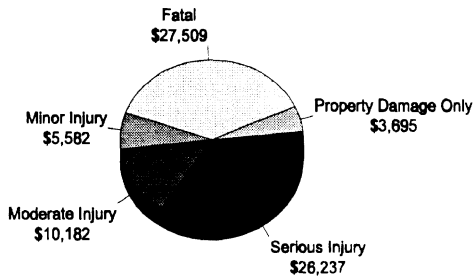


Number of Index Crimes



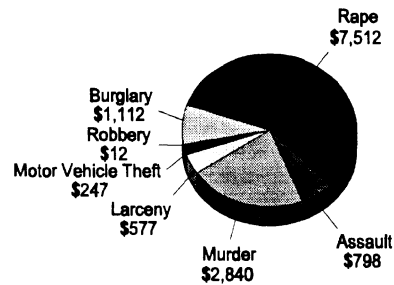
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$13,097,467
 Cost of Index Crimes per county resident: \$321
 Cost of Index Crimes per tax return filed: \$963

Total cost of traffic crashes: \$73,204,143
 Cost of Traffic Crashes per county resident: \$1,796
 Cost of Traffic Crashes per tax return filed: \$5,384

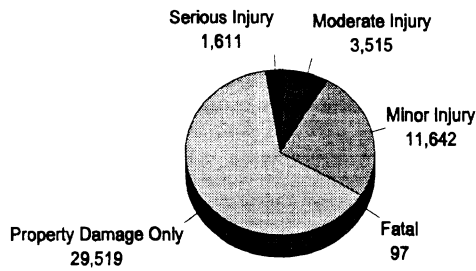
Total Population (1992): 40,756
 Tax Returns Filed (1992): 13,597

Costs of Traffic Crashes in Newaygo County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	180,225.00	3,186,430.00	1,140,636.00	635,750.00	228,310.00	5,371,351.00
Future Earnings	8,913,087.00	3,546,270.00	1,702,962.00	1,027,750.00	553,316.00	15,743,385.00
Public Service	10,845.00	45,500.00	46,176.00	37,750.00	45,662.00	185,933.00
Property Damage Loss	101,961.00	628,160.00	891,996.00	844,750.00	2,170,288.00	4,637,155.00
Subtotal (Monetary Cost)	9,206,127.00	7,406,230.00	3,781,548.00	2,546,000.00	2,997,576.00	25,937,481.00
Quality of Life	18,302,643.00	18,831,020.00	6,400,482.00	3,035,500.00	697,017.00	47,266,662.00
Total Cost	27,508,770.00	26,237,250.00	10,182,030.00	5,581,500.00	3,694,593.00	73,204,143.00

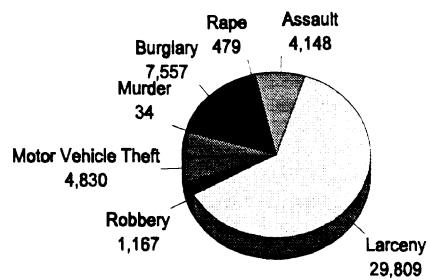
Costs of Index Crimes in Newaygo County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	73,206.00	833.00	53,380.00	0.00	0.00	0.00	146,344.00
Future Earnings	966,901.00	210,735.00	1,576.00	92,650.00	8,620.00	8,512.00	2,655.00	1,291,649.00
Public Service	1,967.00	32,067.00	301.00	18,700.00	131,455.00	185,136.00	9,765.00	379,391.00
Property Damage Loss	1,206.00	6,426.00	879.00	4,505.00	850,363.00	383,040.00	222,525.00	1,468,944.00
Subtotal (Monetary Cost)	988,999.00	322,434.00	3,589.00	169,235.00	990,438.00	576,688.00	234,945.00	3,286,328.00
Quality of Life	1,851,111.00	7,189,371.00	8,584.00	628,490.00	121,973.00	0.00	11,610.00	9,811,139.00
Total Cost	2,840,110.00	7,511,805.00	12,173.00	797,725.00	1,112,411.00	576,688.00	246,555.00	13,097,467.00

Oakland County 1993

Number of Traffic Crash Casualties

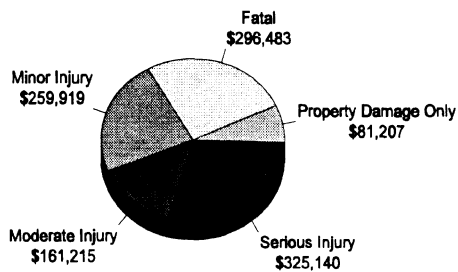


Number of Index Crimes



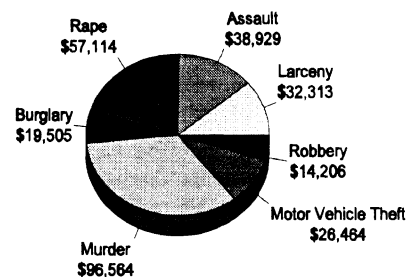
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$285,093,319

Cost of Index Crimes per county resident: \$255

Cost of Index Crimes per tax return filed: \$529

Total cost of traffic crashes: \$1,123,965,021

Cost of Traffic Crashes per county resident: \$1,005

Cost of Traffic Crashes per tax return filed: \$2,084

Total Population (1992): 1,118,611

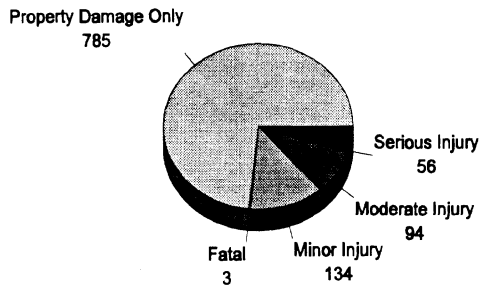
Tax Returns Filed (1992): 539,404

Costs of Traffic Crashes in Oakland County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	1,942,425.00	39,487,221.00	18,060,070.00	29,605,606.00	5,018,230.00	94,113,552.00
Future Earnings	96,063,271.00	43,946,469.00	26,963,565.00	47,860,262.00	12,161,828.00	226,995,395.00
Public Service	116,885.00	563,850.00	731,120.00	1,757,942.00	1,003,646.00	4,173,443.00
Property Damage Loss	1,098,913.00	7,784,352.00	14,123,270.00	39,338,318.00	47,702,704.00	110,047,557.00
Subtotal (Monetary Cost)	99,221,591.00	91,780,281.00	59,874,510.00	118,562,128.00	65,886,408.00	435,324,918.00
Quality of Life	197,261,819.00	233,359,794.00	101,340,965.00	141,357,164.00	15,320,361.00	688,640,103.00
Total Cost	296,483,410.00	325,140,075.00	161,215,475.00	259,919,292.00	81,206,769.00	1,123,965,021.00

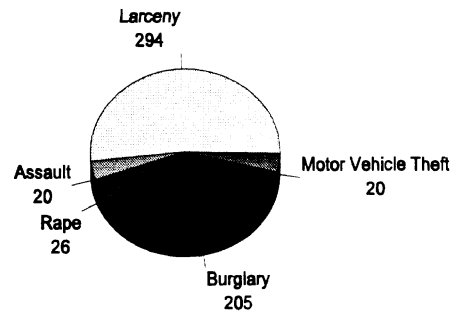
Costs of Index Crimes in Oakland County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	643,450.00	556,598.00	972,111.00	2,604,944.00	0.00	0.00	0.00	4,777,103.00
Future Earnings	32,874,634.00	1,602,255.00	1,839,192.00	4,521,320.00	151,140.00	476,944.00	284,970.00	41,750,455.00
Public Service	66,878.00	243,811.00	351,267.00	912,560.00	2,304,885.00	10,373,532.00	1,048,110.00	15,301,043.00
Property Damage Loss	41,004.00	48,858.00	1,025,793.00	219,844.00	14,909,961.00	21,462,480.00	23,884,350.00	61,592,290.00
Subtotal (Monetary Cost)	33,625,966.00	2,451,522.00	4,188,363.00	8,258,668.00	17,365,986.00	32,312,956.00	25,217,430.00	123,420,891.00
Quality of Life	62,937,774.00	54,662,043.00	10,017,528.00	30,670,312.00	2,138,631.00	0.00	1,246,140.00	161,672,428.00
Total Cost	96,563,740.00	57,113,565.00	14,205,891.00	38,928,980.00	19,504,617.00	32,312,956.00	26,463,570.00	285,093,319.00

Oceana County 1993

Number of Traffic Crash Casualties

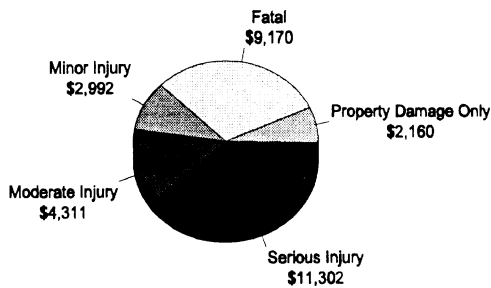


Number of Index Crimes



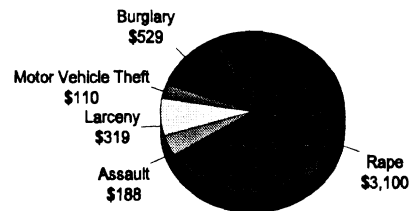
Traffic Crash Costs

(In thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$4,245,191

Cost of Index Crimes per county resident: \$185

Cost of Index Crimes per tax return filed: \$408

Total cost of traffic crashes: \$29,934,319

Cost of Traffic Crashes per county resident: \$1,304

Cost of Traffic Crashes per tax return filed: \$2,879

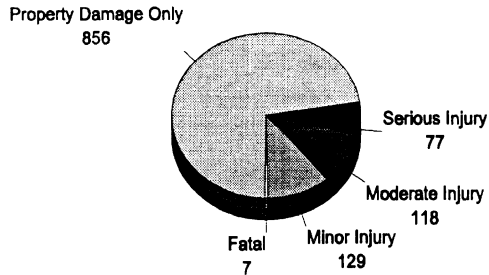
Total Population (1992): 22,954
Tax Returns Filed (1992): 10,396

Costs of Traffic Crashes in Oceana County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	60,075.00	1,372,616.00	482,972.00	340,762.00	133,450.00	2,389,875.00
Future Earnings	2,971,029.00	1,527,624.00	721,074.00	550,874.00	323,420.00	6,094,021.00
Public Service	3,615.00	19,600.00	19,552.00	20,234.00	26,690.00	89,691.00
Property Damage Loss	33,987.00	270,592.00	377,692.00	452,786.00	1,268,560.00	2,403,617.00
Subtotal (Monetary Cost)	3,068,709.00	3,190,376.00	1,601,196.00	1,364,656.00	1,752,120.00	10,977,057.00
Quality of Life	6,100,881.00	8,111,824.00	2,710,114.00	1,627,028.00	407,415.00	18,957,262.00
Total Cost	9,169,590.00	11,302,200.00	4,311,310.00	2,991,684.00	2,159,535.00	29,934,319.00

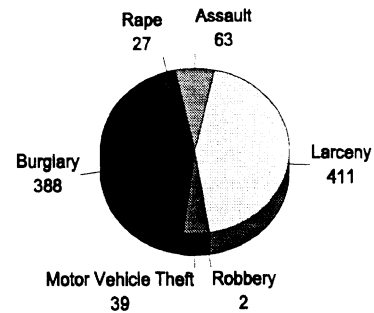
Costs of Index Crimes in Oceana County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	30,212.00	0.00	12,560.00	0.00	0.00	0.00	42,772.00
Future Earnings	0.00	86,970.00	0.00	21,800.00	4,100.00	4,704.00	1,180.00	118,754.00
Public Service	0.00	13,234.00	0.00	4,400.00	62,525.00	102,312.00	4,340.00	186,811.00
Property Damage Loss	0.00	2,652.00	0.00	1,060.00	404,465.00	211,680.00	98,900.00	718,757.00
Subtotal (Monetary Cost)	0.00	133,068.00	0.00	39,820.00	471,090.00	318,696.00	104,420.00	1,067,094.00
Quality of Life	0.00	2,967,042.00	0.00	147,880.00	58,015.00	0.00	5,160.00	3,178,097.00
Total Cost	0.00	3,100,110.00	0.00	187,700.00	529,105.00	318,696.00	109,580.00	4,245,191.00

Ogemaw County 1993

Number of Traffic Crash Casualties

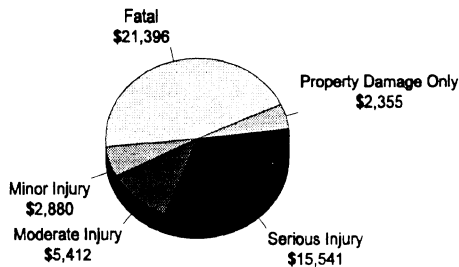


Number of Index Crimes



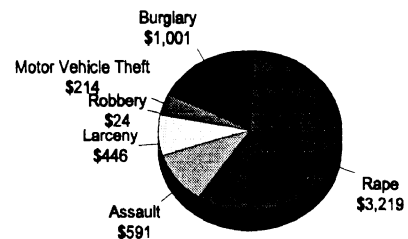
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$5,495,579

Cost of Index Crimes per county resident: \$280

Cost of Index Crimes per tax return filed: \$654

Total cost of traffic crashes: \$47,583,215

Cost of Traffic Crashes per county resident: \$2,423

Cost of Traffic Crashes per tax return filed: \$5,661

Total Population (1992): 19,640

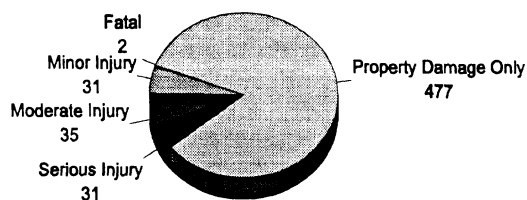
Tax Returns Filed (1992): 8,405

Costs of Traffic Crashes in Ogemaw County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	140,175.00	1,887,347.00	606,284.00	328,047.00	145,520.00	3,107,373.00
Future Earnings	6,932,401.00	2,100,483.00	905,178.00	530,319.00	352,672.00	10,821,053.00
Public Service	8,435.00	26,950.00	24,544.00	19,479.00	29,104.00	108,512.00
Property Damage Loss	79,303.00	372,064.00	474,124.00	435,891.00	1,383,296.00	2,744,678.00
Subtotal (Monetary Cost)	7,160,321.00	4,386,767.00	2,010,012.00	1,313,736.00	1,910,592.00	16,781,428.00
Quality of Life	14,235,389.00	11,153,758.00	3,402,058.00	1,566,318.00	444,264.00	30,801,787.00
Total Cost	21,395,710.00	15,540,525.00	5,412,070.00	2,880,054.00	2,354,856.00	47,583,215.00

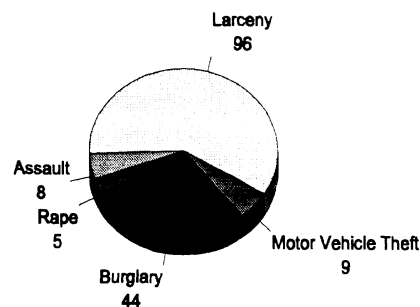
Costs of Index Crimes in Ogemaw County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	31,374.00	1,666.00	39,564.00	0.00	0.00	0.00	72,604.00
Future Earnings	0.00	90,315.00	3,152.00	68,670.00	7,760.00	6,576.00	2,301.00	178,774.00
Public Service	0.00	13,743.00	602.00	13,860.00	118,340.00	143,028.00	8,463.00	298,036.00
Property Damage Loss	0.00	2,754.00	1,758.00	3,339.00	765,524.00	295,920.00	192,855.00	1,262,150.00
Subtotal (Monetary Cost)	0.00	138,186.00	7,178.00	125,433.00	891,624.00	445,524.00	203,619.00	1,811,564.00
Quality of Life	0.00	3,081,159.00	17,168.00	465,822.00	109,804.00	0.00	10,062.00	3,684,015.00
Total Cost	0.00	3,219,345.00	24,346.00	591,255.00	1,001,428.00	445,524.00	213,681.00	5,495,579.00

Ontonagon County 1993

Number of Traffic Crash Casualties

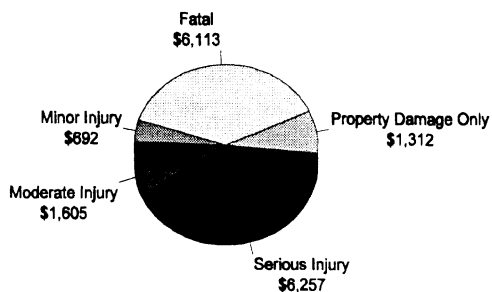


Number of Index Crimes



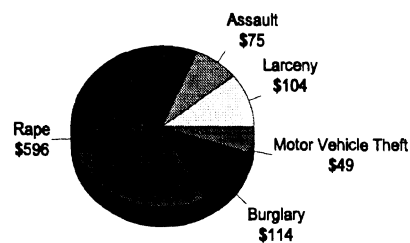
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$938,194
 Cost of Index Crimes per county resident: \$107
 Cost of Index Crimes per tax return filed: \$213

Total cost of traffic crashes: \$15,979,243
 Cost of Traffic Crashes per county resident: \$1,824
 Cost of Traffic Crashes per tax return filed: \$3,628

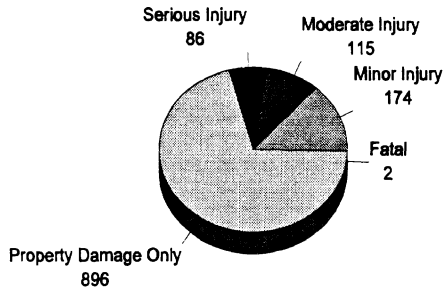
Total Population (1992): 8,761
 Tax Returns Filed (1992): 4,404

Costs of Traffic Crashes in Ontonagon County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	40,050.00	759,841.00	179,830.00	78,833.00	81,090.00	1,139,644.00
Future Earnings	1,980,686.00	845,649.00	268,485.00	127,441.00	196,524.00	3,418,785.00
Public Service	2,410.00	10,850.00	7,280.00	4,681.00	16,218.00	41,439.00
Property Damage Loss	22,658.00	149,792.00	140,630.00	104,749.00	770,832.00	1,188,661.00
Subtotal (Monetary Cost)	2,045,806.00	1,766,101.00	596,190.00	315,704.00	1,064,664.00	5,788,465.00
Quality of Life	4,067,254.00	4,490,474.00	1,009,085.00	376,402.00	247,563.00	10,190,778.00
Total Cost	6,113,060.00	6,256,575.00	1,605,275.00	692,106.00	1,312,227.00	15,979,243.00

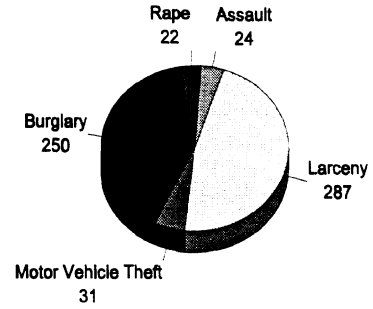
Costs of Index Crimes in Ontonagon County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	5,810.00	0.00	5,024.00	0.00	0.00	0.00	10,834.00	
Future Earnings	0.00	16,725.00	0.00	8,720.00	880.00	1,536.00	531.00	28,392.00	
Public Service	0.00	2,545.00	0.00	1,760.00	13,420.00	33,408.00	1,953.00	53,086.00	
Property Damage Loss	0.00	510.00	0.00	424.00	86,812.00	69,120.00	44,505.00	201,371.00	
Subtotal (Monetary Cost)	0.00	25,590.00	0.00	15,928.00	101,112.00	104,064.00	46,989.00	293,683.00	
Quality of Life	0.00	570,585.00	0.00	59,152.00	12,452.00	0.00	2,322.00	644,511.00	
Total Cost	0.00	596,175.00	0.00	75,080.00	113,564.00	104,064.00	49,311.00	938,194.00	

Osceola County 1993

Number of Traffic Crash Casualties

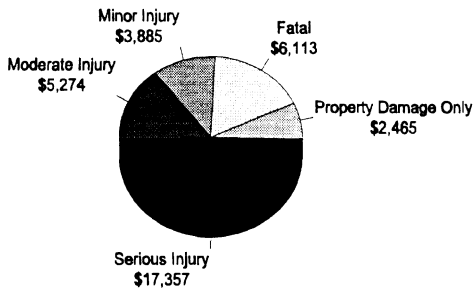


Number of Index Crimes



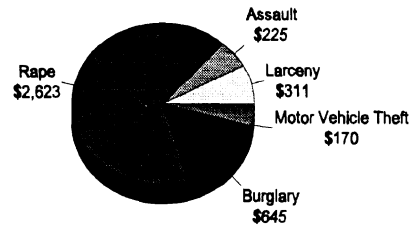
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$3,974,617
 Cost of Index Crimes per county resident: \$193
 Cost of Index Crimes per tax return filed: \$473

Total cost of traffic crashes: \$35,094,105
 Cost of Traffic Crashes per county resident: \$1,700
 Cost of Traffic Crashes per tax return filed: \$4,174

Total Population (1992): 20,638
 Tax Returns Filed (1992): 8,407

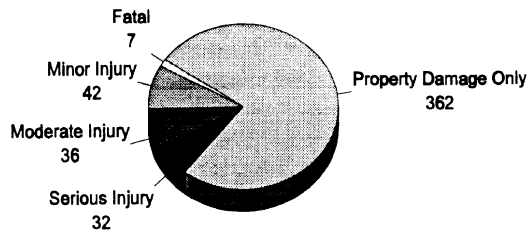
Costs of Traffic Crashes in Osceola County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	40,050.00	2,107,946.00	590,870.00	442,482.00	152,320.00	3,333,668.00
Future Earnings	1,980,686.00	2,345,994.00	882,165.00	715,314.00	369,152.00	6,293,311.00
Public Service	2,410.00	30,100.00	23,920.00	26,274.00	30,464.00	113,168.00
Property Damage Loss	22,658.00	415,552.00	462,070.00	587,946.00	1,447,936.00	2,936,162.00
Subtotal (Monetary Cost)	2,045,806.00	4,899,506.00	1,958,910.00	1,772,016.00	1,999,872.00	12,676,110.00
Quality of Life	4,067,254.00	12,457,444.00	3,315,565.00	2,112,708.00	465,024.00	22,417,995.00
Total Cost	6,113,060.00	17,356,950.00	5,274,475.00	3,884,724.00	2,464,896.00	35,094,105.00

Costs of Index Crimes in Osceola County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	25,564.00	0.00	15,072.00	0.00	0.00	0.00	40,636.00	
Future Earnings	0.00	73,590.00	0.00	26,160.00	5,000.00	4,592.00	1,829.00	111,171.00	
Public Service	0.00	11,198.00	0.00	5,280.00	76,250.00	99,876.00	6,727.00	199,331.00	
Property Damage Loss	0.00	2,244.00	0.00	1,272.00	493,250.00	206,640.00	153,295.00	856,701.00	
Subtotal (Monetary Cost)	0.00	112,596.00	0.00	47,784.00	574,500.00	311,108.00	161,851.00	1,207,839.00	
Quality of Life	0.00	2,510,574.00	0.00	177,456.00	70,750.00	0.00	7,998.00	2,766,778.00	
Total Cost	0.00	2,623,170.00	0.00	225,240.00	645,250.00	311,108.00	169,849.00	3,974,617.00	

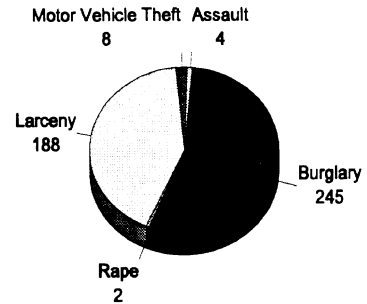
Oscoda County

1993

Number of Traffic Crash Casualties

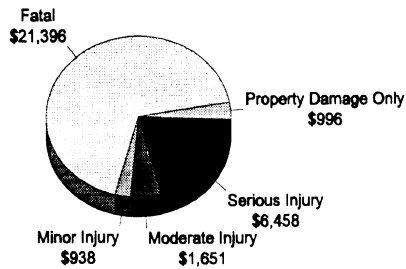


Number of Index Crimes



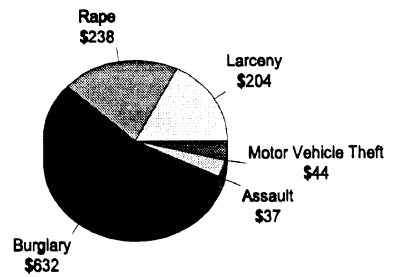
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,155,979

Cost of Index Crimes per county resident: \$141

Cost of Index Crimes per tax return filed: \$355

Total cost of traffic crashes: \$31,438,804

Cost of Traffic Crashes per county resident: \$3,824

Cost of Traffic crashes per tax return filed: \$9,653

Total Population (1992): 8,222

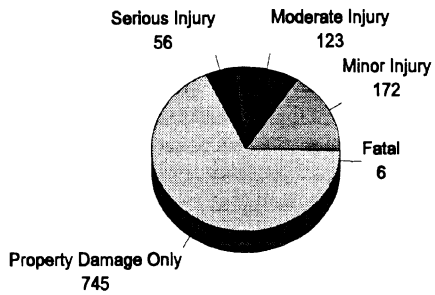
Tax Returns Filed (1992): 3,257

Costs of Traffic Crashes in Oscoda County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	140,175.00	784,352.00	184,968.00	106,806.00	61,540.00	1,277,841.00
Future Earnings	6,932,401.00	872,928.00	276,156.00	172,662.00	149,144.00	8,403,291.00
Public Service	8,435.00	11,200.00	7,488.00	6,342.00	12,308.00	45,773.00
Property Damage Loss	79,303.00	154,624.00	144,648.00	141,918.00	584,992.00	1,105,485.00
Subtotal (Monetary Cost)	7,160,321.00	1,823,072.00	613,224.00	427,728.00	807,984.00	10,832,329.00
Quality of Life	14,235,389.00	4,635,328.00	1,037,916.00	509,964.00	187,878.00	20,606,475.00
Total Cost	21,395,710.00	6,458,400.00	1,651,140.00	937,692.00	995,862.00	31,438,804.00

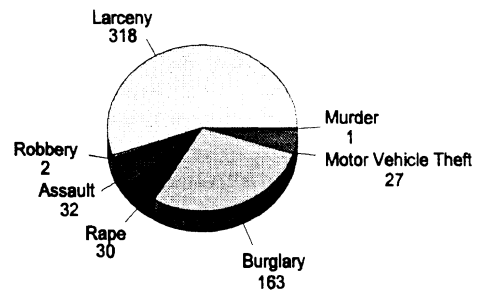
Costs of Index Crimes in Oscoda County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	2,324.00	0.00	2,512.00	0.00	0.00	0.00	4,836.00
Future Earnings	0.00	6,690.00	0.00	4,360.00	4,900.00	3,008.00	472.00	19,430.00
Public Service	0.00	1,018.00	0.00	880.00	74,725.00	65,424.00	1,736.00	143,783.00
Property Damage Loss	0.00	204.00	0.00	212.00	483,385.00	135,360.00	39,560.00	658,721.00
Subtotal (Monetary Cost)	0.00	10,236.00	0.00	7,964.00	563,010.00	203,792.00	41,768.00	826,770.00
Quality of Life	0.00	228,234.00	0.00	29,576.00	69,335.00	0.00	2,064.00	329,209.00
Total Cost	0.00	238,470.00	0.00	37,540.00	632,345.00	203,792.00	43,832.00	1,155,979.00

Otsego County 1993

Number of Traffic Crash Casualties

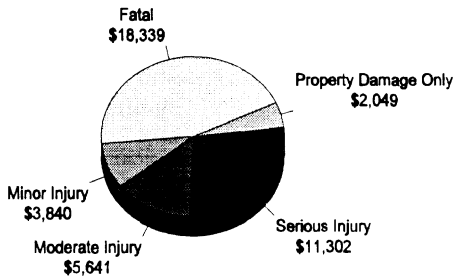


Number of Index Crimes



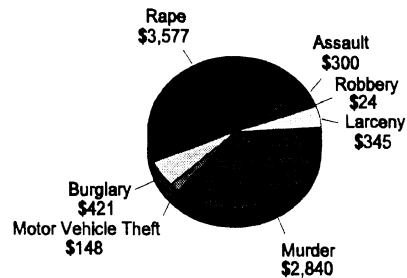
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$7,655,174

Cost of Index Crimes per county resident: \$401

Cost of Index Crimes per tax return filed: \$746

Total cost of traffic crashes: \$41,172,342

Cost of Traffic Crashes per county resident: \$2,156

Cost of Traffic Crashes per tax return filed: \$4,012

Total Population (1992): 19,096

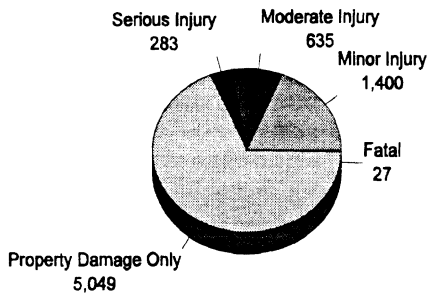
Tax Returns Filed (1992): 10,262

Costs of Traffic Crashes in Otsego County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	120,150.00	1,372,616.00	631,974.00	437,396.00	126,650.00	2,688,786.00
Future Earnings	5,942,058.00	1,527,624.00	943,533.00	707,092.00	306,940.00	9,427,247.00
Public Service	7,230.00	19,600.00	25,584.00	25,972.00	25,330.00	103,716.00
Property Damage Loss	67,974.00	270,592.00	494,214.00	581,188.00	1,203,920.00	2,617,888.00
Subtotal (Monetary Cost)	6,137,418.00	3,190,376.00	2,095,182.00	1,751,648.00	1,662,840.00	14,837,464.00
Quality of Life	12,201,762.00	8,111,824.00	3,546,213.00	2,088,424.00	386,655.00	26,334,878.00
Total Cost	18,339,180.00	11,302,200.00	5,641,395.00	3,840,072.00	2,049,495.00	41,172,342.00

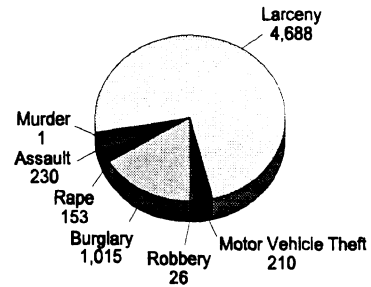
Costs of Index Crimes in Otsego County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	34,860.00	1,666.00	20,096.00	0.00	0.00	0.00	75,547.00
Future Earnings	966,901.00	100,350.00	3,152.00	34,880.00	3,260.00	5,088.00	1,593.00	1,115,224.00
Public Service	1,967.00	15,270.00	602.00	7,040.00	49,715.00	110,664.00	5,859.00	191,117.00
Property Damage Loss	1,206.00	3,060.00	1,758.00	1,696.00	321,599.00	228,960.00	133,515.00	691,794.00
Subtotal (Monetary Cost)	988,999.00	153,540.00	7,178.00	63,712.00	374,574.00	344,712.00	140,967.00	2,073,682.00
Quality of Life	1,851,111.00	3,423,510.00	17,168.00	236,608.00	46,129.00	0.00	6,966.00	5,581,492.00
Total Cost	2,840,110.00	3,577,050.00	24,346.00	300,320.00	420,703.00	344,712.00	147,933.00	7,655,174.00

Ottawa County 1993

Number of Traffic Crash Casualties

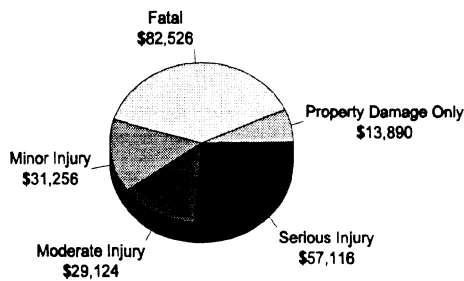


Number of Index Crimes



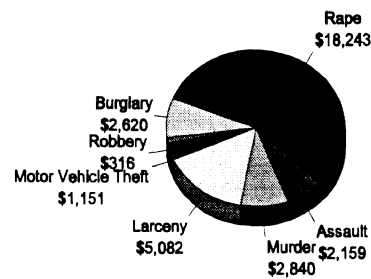
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$32,410,210

Cost of Index Crimes per county resident: \$164

Cost of Index Crimes per tax return filed: \$361

Total cost of traffic crashes: \$213,913,259

Cost of Traffic Crashes per county resident: \$1,084

Cost of Traffic Crashes per tax return filed: \$2,385

Total Population (1992): 197,297

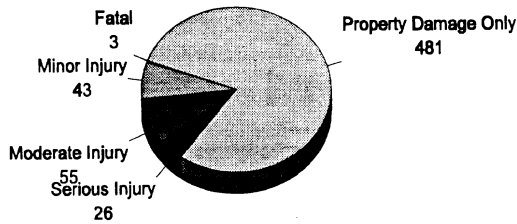
Tax Returns Filed (1992): 89,675

Costs of Traffic Crashes in Ottawa County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	540,675.00	6,936,613.00	3,262,630.00	3,560,200.00	858,330.00	15,158,448.00
Future Earnings	26,739,261.00	7,719,957.00	4,871,085.00	5,755,400.00	2,080,188.00	47,165,891.00
Public Service	32,535.00	99,050.00	132,080.00	211,400.00	171,666.00	646,731.00
Property Damage Loss	305,883.00	1,367,456.00	2,551,430.00	4,730,600.00	8,159,184.00	17,114,553.00
Subtotal (Monetary Cost)	27,618,381.00	16,122,793.00	10,816,590.00	14,257,600.00	11,269,368.00	80,084,732.00
Quality of Life	54,907,929.00	40,993,682.00	18,307,685.00	16,998,800.00	2,620,431.00	133,828,527.00
Total Cost	82,526,310.00	57,116,475.00	29,124,275.00	31,256,400.00	13,889,799.00	213,913,259.00

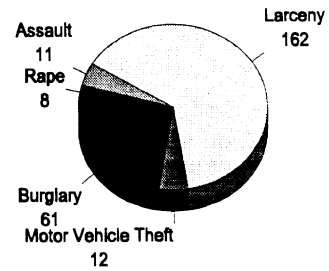
Costs of Index Crimes in Ottawa County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	177,786.00	21,658.00	144,440.00	0.00	0.00	0.00	362,809.00
Future Earnings	966,901.00	511,785.00	40,976.00	250,700.00	20,300.00	75,008.00	12,390.00	1,878,060.00
Public Service	1,967.00	77,877.00	7,826.00	50,600.00	309,575.00	1,631,424.00	45,570.00	2,124,839.00
Property Damage Loss	1,206.00	15,606.00	22,854.00	12,190.00	2,002,595.00	3,375,360.00	1,038,450.00	6,468,261.00
Subtotal (Monetary Cost)	988,999.00	783,054.00	93,314.00	457,930.00	2,332,470.00	5,081,792.00	1,096,410.00	10,833,969.00
Quality of Life	1,851,111.00	17,459,901.00	223,184.00	1,700,620.00	287,245.00	0.00	54,180.00	21,576,241.00
Total Cost	2,840,110.00	18,242,955.00	316,498.00	2,158,550.00	2,619,715.00	5,081,792.00	1,150,590.00	32,410,210.00

Presque Isle County 1993

Number of Traffic Crash Casualties

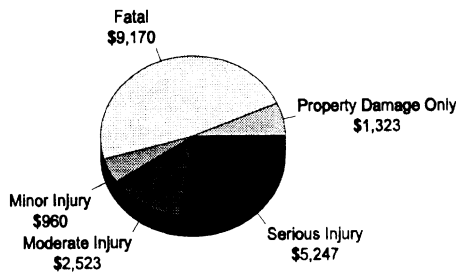


Number of Index Crimes



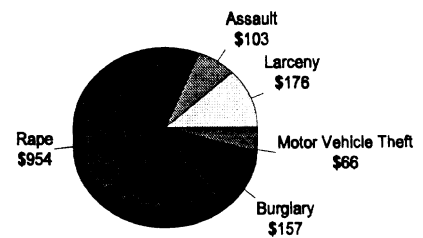
Traffic Crash Costs

(In thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,455,912
 Cost of Index Crimes per county resident: \$105
 Cost of Index Crimes per tax return filed: \$212

Total cost of traffic crashes: \$19,222,864
 Cost of Traffic Crashes per county resident: \$1,386
 Cost of Traffic Crashes per tax return filed: \$2,795

Total Population (1992): 13,865
 Tax Returns Filed (1992): 6,878

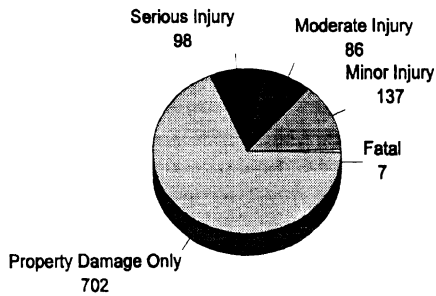
Costs of Traffic Crashes in Presque Isle County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	60,075.00	637,286.00	282,590.00	109,349.00	81,770.00	1,171,070.00	
Future Earnings	2,971,029.00	709,254.00	421,905.00	176,773.00	198,172.00	4,477,133.00	
Public Service	3,615.00	9,100.00	11,440.00	6,493.00	16,354.00	47,002.00	
Property Damage Loss	33,987.00	125,632.00	220,990.00	145,297.00	777,296.00	1,303,202.00	
Subtotal (Monetary Cost)	3,068,709.00	1,481,246.00	936,870.00	437,912.00	1,073,592.00	6,998,329.00	
Quality of Life	6,100,881.00	3,766,204.00	1,585,705.00	522,106.00	249,639.00	12,224,535.00	
Total Cost	9,169,590.00	5,247,450.00	2,522,575.00	960,018.00	1,323,231.00	19,222,864.00	

Costs of Index Crimes in Presque Isle County (1993 dollars)										
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total		
Medical Care	0.00	9,296.00	0.00	6,908.00	0.00	0.00	0.00	16,204.00		
Future Earnings	0.00	26,760.00	0.00	11,990.00	1,220.00	2,592.00	708.00	43,270.00		
Public Service	0.00	4,072.00	0.00	2,420.00	18,605.00	56,376.00	2,604.00	84,077.00		
Property Damage Loss	0.00	816.00	0.00	583.00	120,353.00	116,640.00	59,340.00	297,732.00		
Subtotal (Monetary Cost)	0.00	40,944.00	0.00	21,901.00	140,178.00	175,608.00	62,652.00	441,283.00		
Quality of Life	0.00	912,936.00	0.00	81,334.00	17,263.00	0.00	3,096.00	1,014,629.00		
Total Cost	0.00	953,880.00	0.00	103,235.00	157,441.00	175,608.00	65,748.00	1,455,912.00		

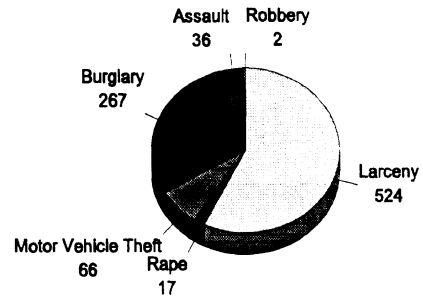
Roscommon County

1993

Number of Traffic Crash Casualties

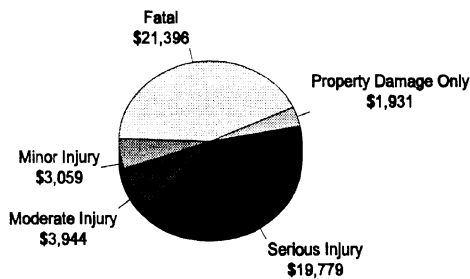


Number of Index Crimes



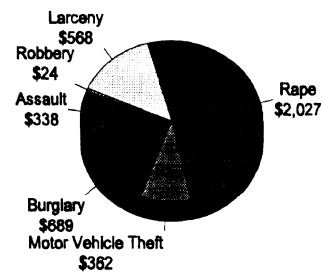
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$4,007,958

Cost of Index Crimes per county resident: \$192

Cost of Index Crimes per tax return filed: \$426

Total cost of traffic crashes: \$50,108,814

Cost of Traffic Crashes per county resident: \$2,402

Cost of Traffic Crashes per tax return filed: \$5,324

Total Population (1992): 20,861

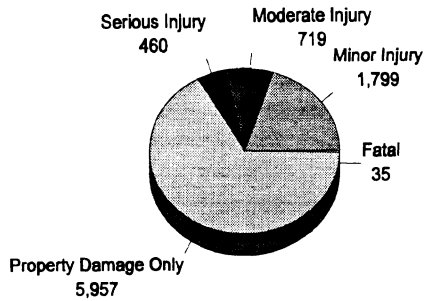
Tax Returns Filed (1992): 9,411

Costs of Traffic Crashes in Roscommon County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	140,175.00	2,402,078.00	441,868.00	348,391.00	119,340.00	3,451,852.00	
Future Earnings	6,932,401.00	2,673,342.00	659,706.00	563,207.00	289,224.00	11,117,880.00	
Public Service	8,435.00	34,300.00	17,888.00	20,687.00	23,868.00	105,178.00	
Property Damage Loss	79,303.00	473,536.00	345,548.00	462,923.00	1,134,432.00	2,495,742.00	
Subtotal (Monetary Cost)	7,160,321.00	5,583,158.00	1,464,924.00	1,395,208.00	1,566,864.00	17,170,475.00	
Quality of Life	14,235,389.00	14,195,692.00	2,479,466.00	1,663,454.00	364,338.00	32,938,339.00	
Total Cost	21,395,710.00	19,778,850.00	3,944,390.00	3,058,662.00	1,931,202.00	50,108,814.00	

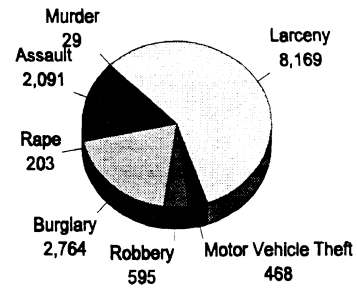
Costs of Index Crimes in Roscommon County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	19,754.00	1,666.00	22,608.00	0.00	0.00	0.00	44,028.00	
Future Earnings	0.00	56,865.00	3,152.00	39,240.00	5,340.00	8,384.00	3,894.00	116,875.00	
Public Service	0.00	8,653.00	602.00	7,920.00	81,435.00	182,352.00	14,322.00	295,284.00	
Property Damage Loss	0.00	1,734.00	1,758.00	1,908.00	526,791.00	377,280.00	326,370.00	1,235,841.00	
Subtotal (Monetary Cost)	0.00	87,006.00	7,178.00	71,676.00	613,566.00	568,016.00	344,586.00	1,692,028.00	
Quality of Life	0.00	1,939,989.00	17,168.00	266,184.00	75,561.00	0.00	17,028.00	2,315,930.00	
Total Cost	0.00	2,026,995.00	24,346.00	337,860.00	689,127.00	568,016.00	361,614.00	4,007,958.00	

Saginaw County 1993

Number of Traffic Crash Casualties

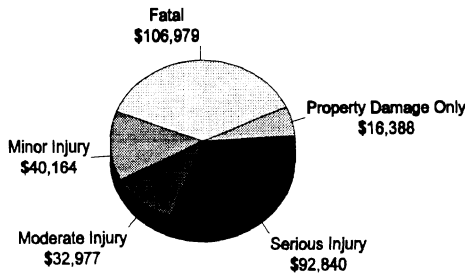


Number of Index Crimes



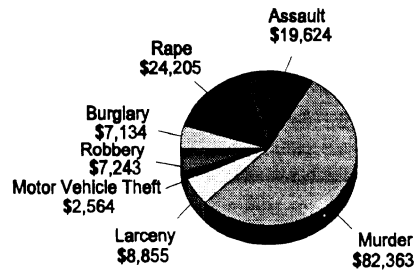
Traffic Crash Costs

(In thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$151,988,117
 Cost of Index Crimes per county resident: \$715
 Cost of Index Crimes per tax return filed: \$1,925

Total cost of traffic crashes: \$289,347,166
 Cost of Traffic Crashes per county resident: \$1,362
 Cost of Traffic Crashes per tax return filed: \$3,664

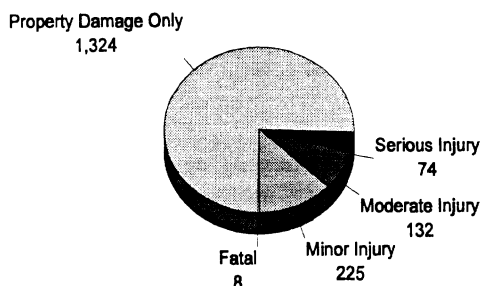
Total Population (1992): 212,477
 Tax Returns Filed (1992): 78,963

Costs of Traffic Crashes in Saginaw County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	700,875.00	11,275,060.00	3,694,222.00	4,574,857.00	1,012,690.00	21,257,704.00
Future Earnings	34,662,005.00	12,548,340.00	5,515,449.00	7,395,689.00	2,454,284.00	62,575,767.00
Public Service	42,175.00	161,000.00	149,552.00	271,649.00	202,538.00	826,914.00
Property Damage Loss	396,515.00	2,222,720.00	2,888,942.00	6,078,821.00	9,626,512.00	21,213,510.00
Subtotal (Monetary Cost)	35,801,605.00	26,206,660.00	12,247,446.00	18,321,016.00	13,296,024.00	105,872,751.00
Quality of Life	71,176,945.00	66,632,840.00	20,729,489.00	21,843,458.00	3,091,683.00	183,474,415.00
Total Cost	106,978,550.00	92,839,500.00	32,976,935.00	40,164,474.00	16,387,707.00	289,347,166.00

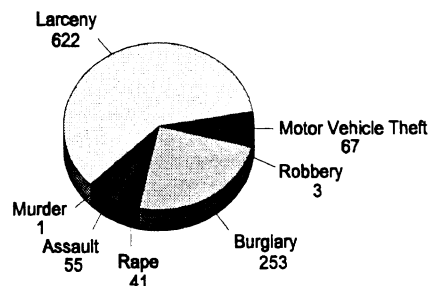
Costs of Index Crimes in Saginaw County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	548,825.00	235,886.00	495,635.00	1,313,148.00	0.00	0.00	0.00	2,593,494.00
Future Earnings	28,040,129.00	679,035.00	937,720.00	2,279,190.00	55,280.00	130,704.00	27,612.00	32,149,670.00
Public Service	57,043.00	103,327.00	179,095.00	460,020.00	843,020.00	2,842,812.00	101,556.00	4,586,873.00
Property Damage Loss	34,974.00	20,706.00	523,005.00	110,823.00	5,453,372.00	5,881,680.00	2,314,260.00	14,338,820.00
Subtotal (Monetary Cost)	28,680,971.00	1,038,954.00	2,135,455.00	4,163,181.00	6,351,672.00	8,855,196.00	2,443,428.00	53,668,857.00
Quality of Life	53,682,219.00	23,165,751.00	5,107,480.00	15,460,854.00	782,212.00	0.00	120,744.00	98,319,260.00
Total Cost	82,363,190.00	24,204,705.00	7,242,935.00	19,624,035.00	7,133,884.00	8,855,196.00	2,564,172.00	151,988,117.00

Sanilac County 1993

Number of Traffic Crash Casualties

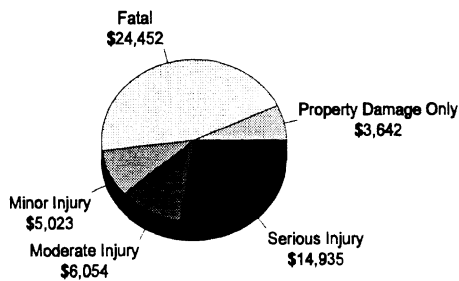


Number of Index Crimes



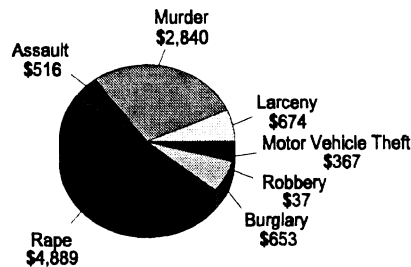
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$9,975,773
 Cost of Index Crimes per county resident: \$244
 Cost of Index Crimes per tax return filed: \$490

Total cost of traffic crashes: \$54,107,144
 Cost of Traffic Crashes per county resident: \$1,326
 Cost of Traffic Crashes per tax return filed: \$2,656

Total Population (1992): 40,810
 Tax Returns Filed (1992): 20,373

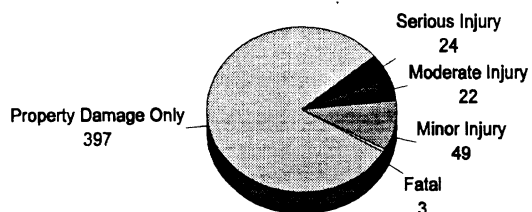
Costs of Traffic Crashes in Sanilac County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	160,200.00	1,813,814.00	678,216.00	572,175.00	225,080.00	3,449,485.00
Future Earnings	7,922,744.00	2,018,646.00	1,012,572.00	924,975.00	545,488.00	12,424,425.00
Public Service	9,640.00	25,900.00	27,456.00	33,975.00	45,016.00	141,987.00
Property Damage Loss	90,632.00	357,568.00	530,376.00	760,275.00	2,139,584.00	3,878,435.00
Subtotal (Monetary Cost)	8,183,224.00	4,215,854.00	2,248,488.00	2,291,400.00	2,955,168.00	19,894,134.00
Quality of Life	16,269,016.00	10,719,196.00	3,805,692.00	2,731,950.00	687,156.00	34,213,010.00
Total Cost	24,452,240.00	14,935,050.00	6,054,180.00	5,023,350.00	3,642,324.00	54,107,144.00

Costs of Index Crimes in Sanilac County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	47,642.00	2,499.00	34,540.00	0.00	0.00	0.00	103,606.00
Future Earnings	966,901.00	137,145.00	4,728.00	59,950.00	5,060.00	9,952.00	3,953.00	1,187,689.00
Public Service	1,967.00	20,869.00	903.00	12,100.00	77,165.00	216,456.00	14,539.00	343,999.00
Property Damage Loss	1,206.00	4,182.00	2,637.00	2,915.00	499,169.00	447,840.00	331,315.00	1,289,264.00
Subtotal (Monetary Cost)	988,999.00	209,838.00	10,767.00	109,505.00	581,394.00	674,248.00	349,807.00	2,924,558.00
Quality of Life	1,851,111.00	4,678,797.00	25,752.00	406,670.00	71,599.00	0.00	17,286.00	7,051,215.00
Total Cost	2,840,110.00	4,888,635.00	36,519.00	516,175.00	652,993.00	674,248.00	367,093.00	9,975,773.00

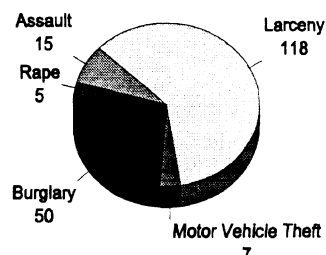
Schoolcraft County

1993

Number of Traffic Crash Casualties

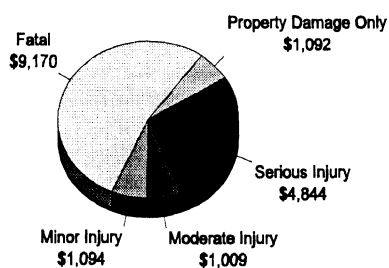


Number of Index Crimes



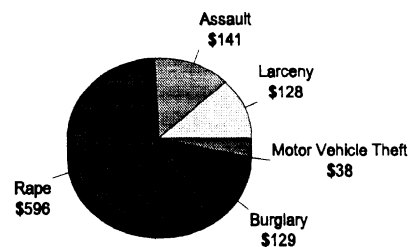
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$1,032,265
 Cost of Index Crimes per county resident: \$122
 Cost of Index Crimes per tax return filed: \$234

Total cost of traffic crashes: \$17,208,541
 Cost of Traffic Crashes per county resident: \$2,030
 Cost of Traffic Crashes per tax return filed: \$3,896

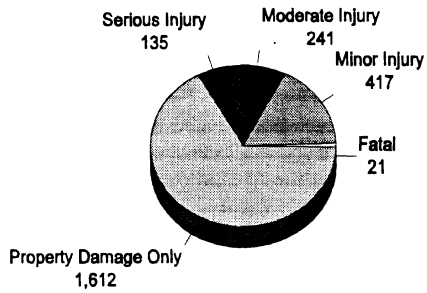
Total Population (1992): 8,478
 Tax Returns Filed (1992): 4,417

Costs of Traffic Crashes in Schoolcraft County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	60,075.00	588,264.00	113,036.00	124,607.00	67,490.00	953,472.00	
Future Earnings	2,971,029.00	654,696.00	168,762.00	201,439.00	163,564.00	4,159,490.00	
Public Service	3,615.00	8,400.00	4,576.00	7,399.00	13,498.00	37,488.00	
Property Damage Loss	33,987.00	115,968.00	88,396.00	165,571.00	641,552.00	1,045,474.00	
Subtotal (Monetary Cost)	3,068,709.00	1,367,304.00	374,748.00	499,016.00	886,104.00	6,195,881.00	
Quality of Life	6,100,881.00	3,476,496.00	634,282.00	594,958.00	206,043.00	11,012,660.00	
Total Cost	9,169,590.00	4,843,800.00	1,009,030.00	1,093,974.00	1,092,147.00	17,208,541.00	

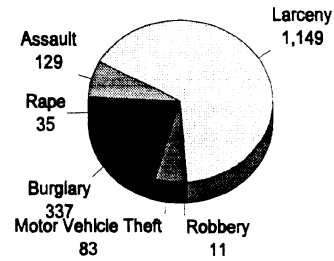
Costs of Index Crimes in Schoolcraft County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	0.00	5,810.00	0.00	9,420.00	0.00	0.00	0.00	15,230.00	
Future Earnings	0.00	16,725.00	0.00	16,350.00	1,000.00	1,888.00	413.00	36,376.00	
Public Service	0.00	2,545.00	0.00	3,300.00	15,250.00	41,064.00	1,519.00	63,678.00	
Property Damage Loss	0.00	510.00	0.00	795.00	98,650.00	84,960.00	34,615.00	219,530.00	
Subtotal (Monetary Cost)	0.00	25,590.00	0.00	29,865.00	114,900.00	127,912.00	36,547.00	334,814.00	
Quality of Life	0.00	570,585.00	0.00	110,910.00	14,150.00	0.00	1,806.00	697,451.00	
Total Cost	0.00	596,175.00	0.00	140,775.00	129,050.00	127,912.00	38,353.00	1,032,265.00	

Shiawasse County 1993

Number of Traffic Crash Casualties

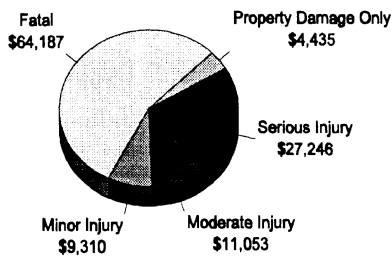


Number of Index Crimes



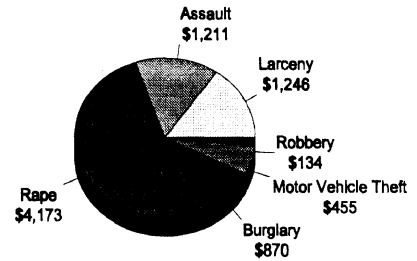
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$8,087,863
 Cost of Index Crimes per county resident: \$114
 Cost of Index Crimes per tax return filed: \$260

Total cost of traffic crashes: \$116,231,524
 Cost of Traffic Crashes per county resident: \$1,641
 Cost of Traffic Crashes per tax return filed: \$3,733

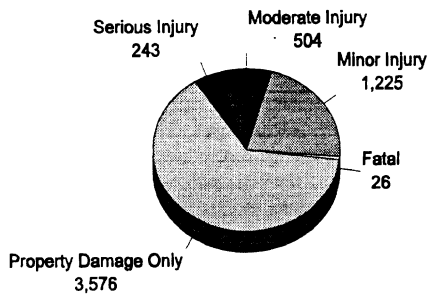
Total Population (1992): 70,832
 Tax Returns Filed (1992): 31,133

Costs of Traffic Crashes in Shiawassee County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	420,525.00	3,308,985.00	1,238,258.00	1,060,431.00	274,040.00	6,302,239.00
Future Earnings	20,797,203.00	3,682,665.00	1,848,711.00	1,714,287.00	664,144.00	28,707,010.00
Public Service	25,305.00	47,250.00	50,128.00	62,967.00	54,808.00	240,458.00
Property Damage Loss	237,909.00	652,320.00	968,338.00	1,409,043.00	2,604,992.00	5,872,602.00
Subtotal (Monetary Cost)	21,480,963.00	7,691,085.00	4,105,194.00	4,246,728.00	3,597,984.00	41,121,954.00
Quality of Life	42,706,167.00	19,555,290.00	6,948,271.00	5,063,214.00	836,628.00	75,109,570.00
Total Cost	64,187,130.00	27,246,375.00	11,053,465.00	9,309,942.00	4,434,612.00	116,231,524.00

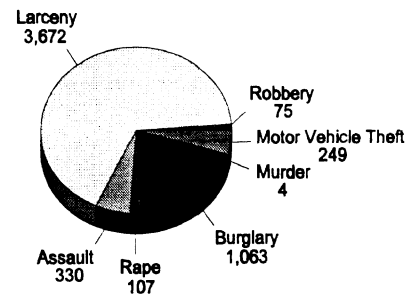
Costs of Index Crimes in Shiawassee County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	0.00	40,670.00	9,163.00	81,012.00	0.00	0.00	0.00	130,845.00
Future Earnings	0.00	117,075.00	17,336.00	140,610.00	6,740.00	18,384.00	4,897.00	305,042.00
Public Service	0.00	17,815.00	3,311.00	28,380.00	102,785.00	399,852.00	18,011.00	570,154.00
Property Damage Loss	0.00	3,570.00	9,669.00	6,837.00	664,901.00	827,280.00	410,435.00	1,922,692.00
Subtotal (Monetary Cost)	0.00	179,130.00	39,479.00	256,839.00	774,426.00	1,245,516.00	433,343.00	2,928,733.00
Quality of Life	0.00	3,994,095.00	94,424.00	953,826.00	95,371.00	0.00	21,414.00	5,159,130.00
Total Cost	0.00	4,173,225.00	133,903.00	1,210,665.00	869,797.00	1,245,516.00	454,757.00	8,087,863.00

St. Clair County 1993

Number of Traffic Crash Casualties

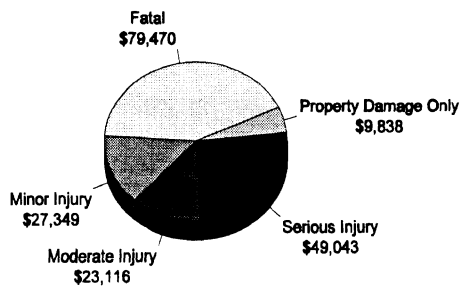


Number of Index Crimes



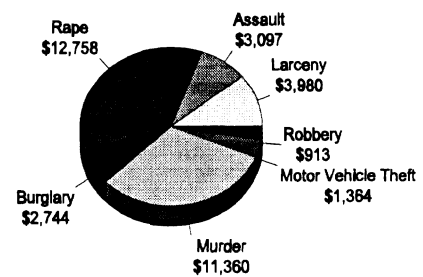
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$36,216,932

Cost of Index Crimes per county resident: \$241

Cost of Index Crimes per tax return filed: \$635

Total cost of traffic crashes: \$188,816,141

Cost of Traffic Crashes per county resident: \$1,258

Cost of Traffic Crashes per tax return filed: \$3,311

Total Population (1992): 150,085

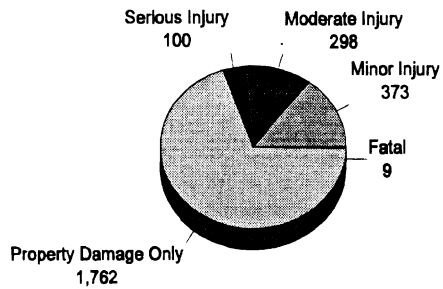
Tax Returns Filed (1992): 57,035

Costs of Traffic Crashes in St. Clair County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	520,650.00	5,956,173.00	2,589,552.00	3,115,175.00	607,920.00	12,789,470.00
Future Earnings	25,748,918.00	6,628,797.00	3,866,184.00	5,035,975.00	1,473,312.00	42,753,186.00
Public Service	31,330.00	85,050.00	104,832.00	184,975.00	121,584.00	527,771.00
Property Damage Loss	294,554.00	1,174,176.00	2,025,072.00	4,139,275.00	5,778,816.00	13,411,893.00
Subtotal (Monetary Cost)	26,595,478.00	13,843,953.00	8,585,136.00	12,475,400.00	7,981,632.00	69,481,599.00
Quality of Life	52,874,302.00	35,199,522.00	14,530,824.00	14,873,950.00	1,855,944.00	119,334,542.00
Total Cost	79,469,780.00	49,043,475.00	23,115,960.00	27,349,350.00	9,837,576.00	188,816,141.00

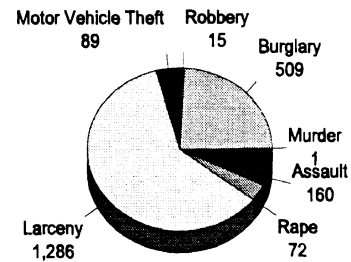
Costs of Index Crimes in St. Clair County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	75,700.00	124,334.00	62,475.00	207,240.00	0.00	0.00	0.00	469,749.00
Future Earnings	3,867,604.00	357,915.00	118,200.00	359,700.00	21,260.00	58,752.00	14,691.00	4,798,122.00
Public Service	7,868.00	54,463.00	22,575.00	72,600.00	324,215.00	1,277,856.00	54,033.00	1,813,610.00
Property Damage Loss	4,824.00	10,914.00	65,925.00	17,490.00	2,097,299.00	2,643,840.00	1,231,305.00	6,071,597.00
Subtotal (Monetary Cost)	3,955,996.00	547,626.00	269,175.00	657,030.00	2,442,774.00	3,980,448.00	1,300,029.00	13,153,078.00
Quality of Life	7,404,444.00	12,210,519.00	643,800.00	2,440,020.00	300,829.00	0.00	64,242.00	23,063,854.00
Total Cost	11,360,440.00	12,758,145.00	912,975.00	3,097,050.00	2,743,603.00	3,980,448.00	1,364,271.00	36,216,932.00

St. Joseph County 1993

Number of Traffic Crash Casualties

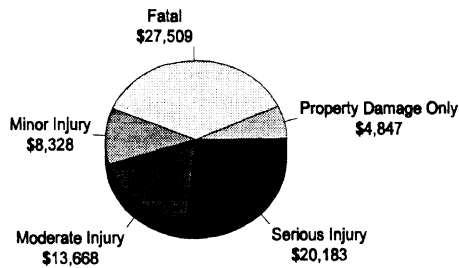


Number of Index Crimes



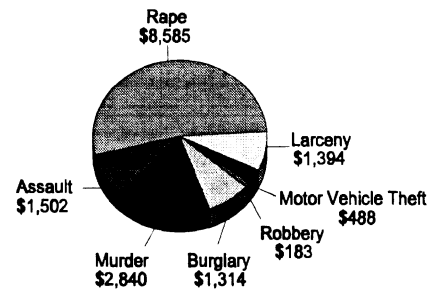
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$16,304,609
 Cost of Index Crimes per county resident: \$275
 Cost of Index Crimes per tax return filed: \$742

Total cost of traffic crashes: \$74,533,900
 Cost of Traffic Crashes per county resident: \$1,255
 Cost of Traffic Crashes per tax return filed: \$3,393

Total Population (1992): 59,388
 Tax Returns Filed (1992): 21,969

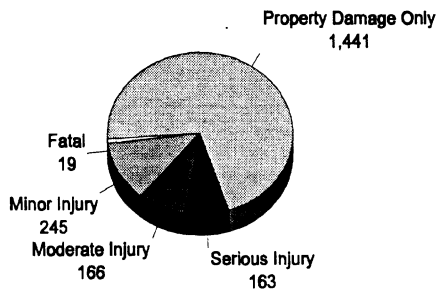
Costs of Traffic Crashes in St. Joseph County (1993 dollars)							
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total	
Medical Care	180,225.00	2,451,100.00	1,531,124.00	948,539.00	299,540.00	5,410,528.00	
Future Earnings	8,913,087.00	2,727,900.00	2,285,958.00	1,533,403.00	725,944.00	16,186,292.00	
Public Service	10,845.00	35,000.00	61,984.00	56,323.00	59,908.00	224,060.00	
Property Damage Loss	101,961.00	483,200.00	1,197,364.00	1,260,367.00	2,847,392.00	5,890,284.00	
Subtotal (Monetary Cost)	9,206,127.00	5,697,100.00	5,076,132.00	3,798,632.00	3,932,784.00	27,710,775.00	
Quality of Life	18,302,643.00	14,485,400.00	8,591,638.00	4,528,966.00	914,478.00	46,823,125.00	
Total Cost	27,508,770.00	20,182,500.00	13,667,770.00	8,327,598.00	4,847,262.00	74,533,900.00	

Costs of Index Crimes in St. Joseph County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	18,925.00	83,664.00	12,495.00	100,480.00	0.00	0.00	0.00	215,564.00	
Future Earnings	966,901.00	240,840.00	23,640.00	174,400.00	10,180.00	20,576.00	5,251.00	1,441,788.00	
Public Service	1,967.00	36,648.00	4,515.00	35,200.00	155,245.00	447,528.00	19,313.00	700,416.00	
Property Damage Loss	1,206.00	7,344.00	13,185.00	8,480.00	1,004,257.00	925,920.00	440,105.00	2,400,497.00	
Subtotal (Monetary Cost)	988,999.00	368,496.00	53,835.00	318,560.00	1,169,682.00	1,394,024.00	464,669.00	4,758,265.00	
Quality of Life	1,851,111.00	8,216,424.00	128,760.00	1,183,040.00	144,047.00	0.00	22,962.00	11,546,344.00	
Total Cost	2,840,110.00	8,584,920.00	182,595.00	1,501,600.00	1,313,729.00	1,394,024.00	487,631.00	16,304,609.00	

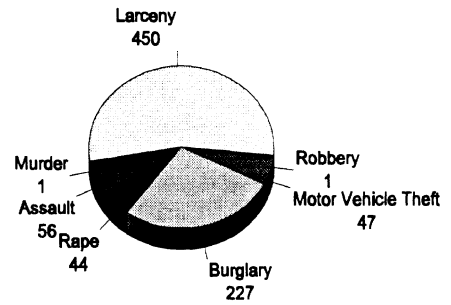
Tuscola County

1993

Number of Traffic Crash Casualties

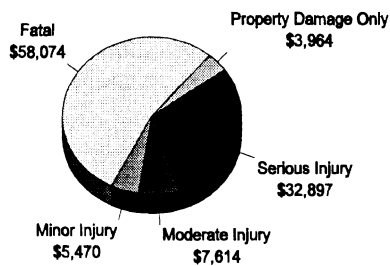


Number of Index Crimes



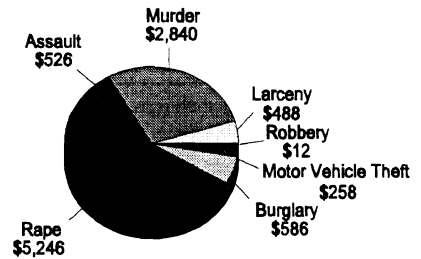
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$9,955,383

Cost of Index Crimes per county resident: \$177

Cost of Index Crimes per tax return filed: \$417

Total cost of traffic crashes: \$108,019,196

Cost of Traffic Crashes per county resident: \$1,924

Cost of Traffic Crashes per tax return filed: \$4,520

Total Population (1992): 56,130

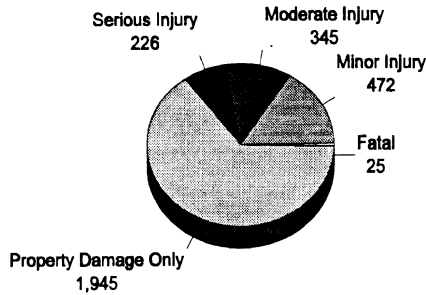
Tax Returns Filed (1992): 23,896

Costs of Traffic Crashes in Tuscola County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	380,475.00	3,995,293.00	852,908.00	623,035.00	244,970.00	6,096,681.00
Future Earnings	18,816,517.00	4,446,477.00	1,273,386.00	1,007,195.00	593,692.00	26,137,267.00
Public Service	22,895.00	57,050.00	34,528.00	36,995.00	48,994.00	200,462.00
Property Damage Loss	215,251.00	787,616.00	666,988.00	827,855.00	2,328,656.00	4,826,366.00
Subtotal (Monetary Cost)	19,435,157.00	9,286,273.00	2,827,644.00	2,495,080.00	3,216,312.00	37,260,466.00
Quality of Life	38,638,913.00	23,611,202.00	4,785,946.00	2,974,790.00	747,879.00	70,758,730.00
Total Cost	58,074,070.00	32,897,475.00	7,613,590.00	5,469,870.00	3,964,191.00	108,019,196.00

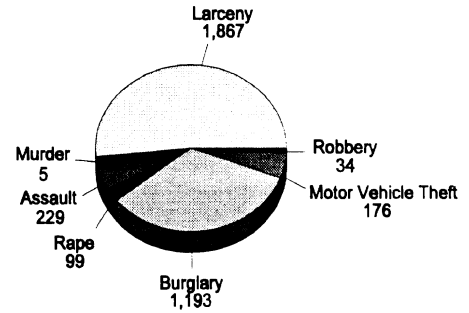
Costs of Index Crimes in Tuscola County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	51,128.00	833.00	35,168.00	0.00	0.00	0.00	106,054.00
Future Earnings	966,901.00	147,180.00	1,576.00	61,040.00	4,540.00	7,200.00	2,773.00	1,191,210.00
Public Service	1,967.00	22,396.00	301.00	12,320.00	69,235.00	156,600.00	10,199.00	273,018.00
Property Damage Loss	1,206.00	4,488.00	879.00	2,968.00	447,871.00	324,000.00	232,415.00	1,013,827.00
Subtotal (Monetary Cost)	988,999.00	225,192.00	3,589.00	111,496.00	521,646.00	487,800.00	245,387.00	2,584,109.00
Quality of Life	1,851,111.00	5,021,148.00	8,584.00	414,064.00	64,241.00	0.00	12,126.00	7,371,274.00
Total Cost	2,840,110.00	5,246,340.00	12,173.00	525,560.00	585,887.00	487,800.00	257,513.00	9,955,383.00

Van Buren County 1993

Number of Traffic Crash Casualties

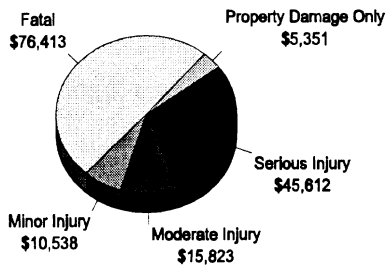


Number of Index Crimes



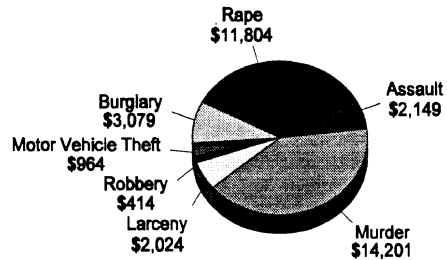
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$34,635,127
 Cost of Index Crimes per county resident: \$479
 Cost of Index Crimes per tax return filed: \$1,169

Total cost of traffic crashes: \$153,737,692
 Cost of Traffic Crashes per county resident: \$2,125
 Cost of Traffic Crashes per tax return filed: \$5,190

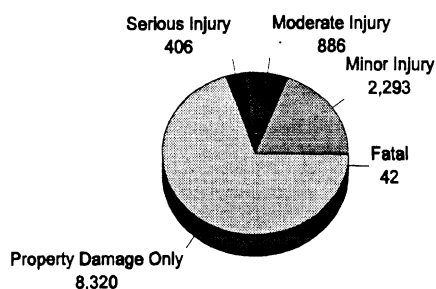
Total Population (1992): 72,331
 Tax Returns Filed (1992): 29,621

Costs of Traffic Crashes in Van Buren County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	500,625.00	5,539,486.00	1,772,610.00	1,200,296.00	330,650.00	9,343,667.00
Future Earnings	24,758,575.00	6,165,054.00	2,646,495.00	1,940,392.00	801,340.00	36,311,856.00
Public Service	30,125.00	79,100.00	71,760.00	71,272.00	66,130.00	318,387.00
Property Damage Loss	283,225.00	1,092,032.00	1,386,210.00	1,594,888.00	3,143,120.00	7,499,475.00
Subtotal (Monetary Cost)	25,572,575.00	12,875,446.00	5,876,730.00	4,806,848.00	4,341,240.00	53,472,839.00
Quality of Life	50,840,675.00	32,737,004.00	9,946,695.00	5,731,024.00	1,009,455.00	100,264,853.00
Total Cost	76,413,250.00	45,612,450.00	15,823,425.00	10,537,872.00	5,350,695.00	153,737,692.00

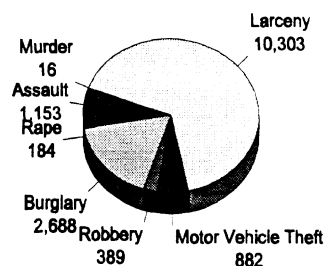
Costs of Index Crimes in Van Buren County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	94,625.00	115,038.00	28,322.00	143,812.00	0.00	0.00	0.00	381,797.00
Future Earnings	4,834,505.00	331,155.00	53,584.00	249,610.00	23,860.00	29,872.00	10,384.00	5,532,970.00
Public Service	9,835.00	50,391.00	10,234.00	50,380.00	363,865.00	649,716.00	38,192.00	1,172,613.00
Property Damage Loss	6,030.00	10,098.00	29,886.00	12,137.00	2,353,789.00	1,344,240.00	870,320.00	4,626,500.00
Subtotal (Monetary Cost)	4,944,995.00	506,682.00	122,026.00	455,939.00	2,741,514.00	2,023,828.00	918,896.00	11,713,880.00
Quality of Life	9,255,555.00	11,297,583.00	291,856.00	1,693,226.00	337,619.00	0.00	45,408.00	22,921,247.00
Total Cost	14,200,550.00	11,804,265.00	413,882.00	2,149,165.00	3,079,133.00	2,023,828.00	964,304.00	34,635,127.00

Washtenaw County 1993

Number of Traffic Crash Casualties

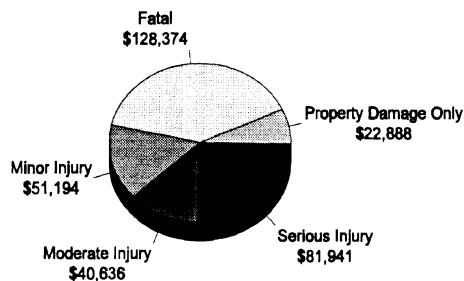


Number of Index Crimes



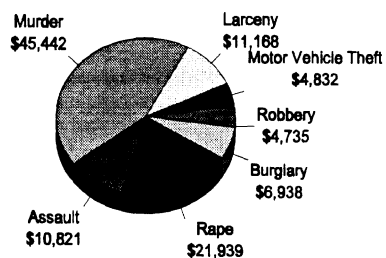
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$105,875,860
 Cost of Index Crimes per county resident: \$368
 Cost of Index Crimes per tax return filed: \$929

Total cost of traffic crashes: \$325,033,438
 Cost of Traffic Crashes per county resident: \$1,128
 Cost of Traffic Crashes per tax return filed: \$2,852

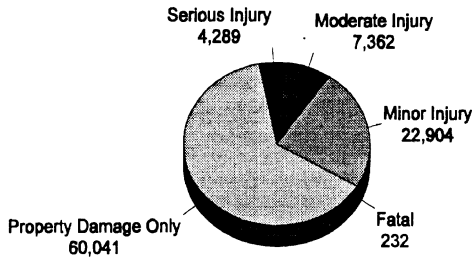
Total Population (1992): 288,025
 Tax Returns Filed (1992): 113,987

Costs of Traffic Crashes in Washtenaw County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	841,050.00	9,951,466.00	4,552,268.00	5,831,099.00	1,414,400.00	22,590,283.00
Future Earnings	41,594,406.00	11,075,274.00	6,796,506.00	9,426,523.00	3,427,840.00	72,320,549.00
Public Service	50,610.00	142,100.00	184,288.00	346,243.00	282,880.00	1,006,121.00
Property Damage Loss	475,818.00	1,961,792.00	3,559,948.00	7,748,047.00	13,445,120.00	27,190,725.00
Subtotal (Monetary Cost)	42,961,926.00	23,130,226.00	15,092,124.00	23,351,912.00	18,570,240.00	123,106,428.00
Quality of Life	85,412,334.00	58,810,724.00	25,544,266.00	27,841,606.00	4,318,080.00	201,927,010.00
Total Cost	128,374,260.00	81,940,950.00	40,636,390.00	51,193,518.00	22,888,320.00	325,033,438.00

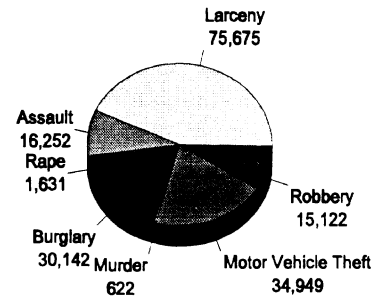
Costs of Index Crimes in Washtenaw County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	302,800.00	213,808.00	324,037.00	724,084.00	0.00	0.00	0.00	1,564,729.00
Future Earnings	15,470,416.00	615,480.00	613,064.00	1,256,770.00	53,760.00	164,848.00	52,038.00	18,226,376.00
Public Service	31,472.00	93,656.00	117,089.00	253,660.00	819,840.00	3,585,444.00	191,394.00	5,092,555.00
Property Damage Loss	19,296.00	18,768.00	341,931.00	61,109.00	5,303,424.00	7,418,160.00	4,361,490.00	17,524,178.00
Subtotal (Monetary Cost)	15,823,984.00	941,712.00	1,396,121.00	2,295,623.00	6,177,024.00	11,168,452.00	4,604,922.00	42,407,838.00
Quality of Life	29,617,776.00	20,997,528.00	3,339,176.00	8,525,282.00	760,704.00	0.00	227,556.00	63,468,022.00
Total Cost	45,441,760.00	21,939,240.00	4,735,297.00	10,820,905.00	6,937,728.00	11,168,452.00	4,832,478.00	105,875,860.00

Wayne County 1993

Number of Traffic Crash Casualties

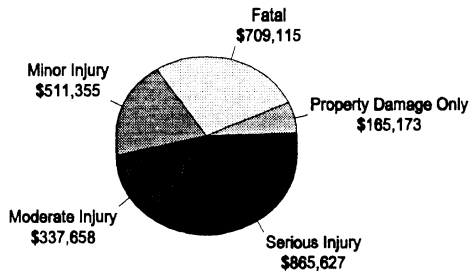


Number of Index Crimes



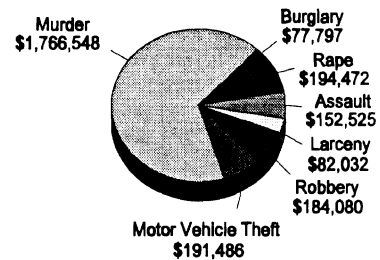
Traffic Crash Costs

(in thousands)



Index Crime Costs

(in thousands)



Total cost of index crime: \$2,648,939,604
 Cost of Index Crimes per county resident: \$1,264
 Cost of Index Crimes per tax return filed: \$3,482

Total cost of traffic crashes: \$2,588,928,010
 Cost of Traffic Crashes per county resident: \$1,235
 Cost of Traffic Crashes per tax return filed: \$3,403

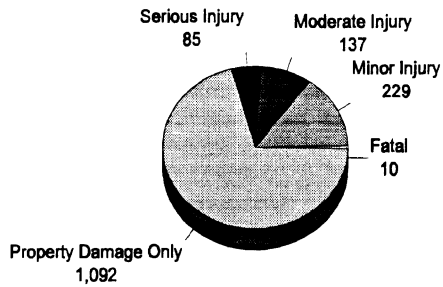
Total Population (1992): 2,096,179
 Tax Returns Filed (1992): 760,715

Costs of Traffic Crashes in Wayne County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	4,645,800.00	105,127,679.00	37,825,956.00	58,244,872.00	10,206,970.00	216,051,277.00
Future Earnings	229,759,576.00	116,999,631.00	56,473,902.00	94,158,344.00	24,736,892.00	522,128,345.00
Public Service	279,560.00	1,501,150.00	1,531,296.00	3,458,504.00	2,041,394.00	8,811,904.00
Property Damage Loss	2,628,328.00	20,724,448.00	29,580,516.00	77,392,616.00	97,026,256.00	227,352,164.00
Subtotal (Monetary Cost)	237,313,496.00	244,348,619.00	125,404,308.00	233,254,336.00	134,011,512.00	974,332,271.00
Quality of Life	471,801,464.00	621,278,806.00	212,253,822.00	278,100,368.00	31,161,279.00	1,614,595,739.00
Total Cost	709,114,960.00	865,627,425.00	337,658,130.00	511,354,704.00	165,172,791.00	2,588,928,010.00

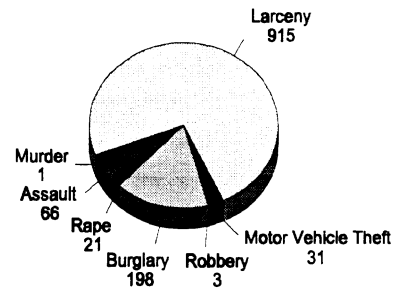
Costs of Index Crimes in Wayne County (1993 dollars)									
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total	
Medical Care	11,771,350.00	1,895,222.00	12,596,626.00	10,206,256.00	0.00	0.00	0.00	36,469,454.00	
Future Earnings	601,412,422.00	5,455,695.00	23,832,272.00	17,714,680.00	602,840.00	1,210,800.00	2,061,991.00	652,290,700.00	
Public Service	1,223,474.00	830,179.00	4,551,722.00	3,575,440.00	9,193,310.00	26,334,900.00	7,583,933.00	53,292,958.00	
Property Damage Loss	750,132.00	166,362.00	13,292,238.00	861,356.00	59,470,166.00	54,486,000.00	172,822,805.00	301,849,059.00	
Subtotal (Monetary Cost)	615,157,378.00	8,347,458.00	54,272,858.00	32,357,732.00	69,266,316.00	82,031,700.00	182,468,729.00	1,043,902,171.00	
Quality of Life	1,151,391,042.00	186,124,827.00	129,807,248.00	120,167,288.00	8,530,186.00	0.00	9,016,842.00	1,605,037,433.00	
Total Cost	1,766,548,420.00	194,472,285.00	184,080,106.00	152,525,020.00	77,796,502.00	82,031,700.00	191,485,571.00	2,648,939,604.00	

Wexford County 1993

Number of Traffic Crash Casualties

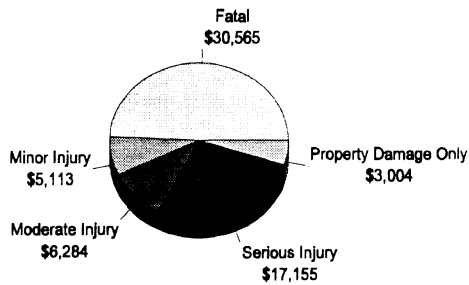


Number of Index Crimes



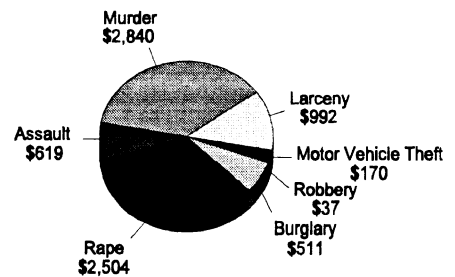
Traffic Crash Costs

(in thousands)



Index Crime Costs

(In thousands)



Total cost of index crime: \$7,672,721
 Cost of Index Crimes per county resident: \$283
 Cost of Index Crimes per tax return filed: \$604

Total cost of traffic crashes: \$62,120,676
 Cost of Traffic Crashes per county resident: \$2,292
 Cost of Traffic Crashes per tax return filed: \$4,894

Total Population (1992): 27,099
 Tax Returns Filed (1992): 12,694

Costs of Traffic Crashes in Wexford County (1993 dollars)						
	Fatal	Serious Injury	Moderate Injury	Minor Injury	Property Damage Only	Total
Medical Care	200,250.00	2,083,435.00	703,906.00	582,347.00	185,640.00	3,755,578.00
Future Earnings	9,903,430.00	2,318,715.00	1,050,927.00	941,419.00	449,904.00	14,664,395.00
Public Service	12,050.00	29,750.00	28,496.00	34,579.00	37,128.00	142,003.00
Property Damage Loss	113,290.00	410,720.00	550,466.00	773,791.00	1,764,672.00	3,612,939.00
Subtotal (Monetary Cost)	10,229,030.00	4,842,535.00	2,333,658.00	2,332,136.00	2,437,344.00	22,174,703.00
Quality of Life	20,336,270.00	12,312,590.00	3,949,847.00	2,780,518.00	566,748.00	39,945,973.00
Total Cost	30,565,300.00	17,155,125.00	6,283,505.00	5,112,654.00	3,004,092.00	62,120,676.00

Costs of Index Crimes in Wexford County (1993 dollars)								
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Medical Care	18,925.00	24,402.00	2,499.00	41,448.00	0.00	0.00	0.00	87,274.00
Future Earnings	966,901.00	70,245.00	4,728.00	71,940.00	3,960.00	14,640.00	1,829.00	1,134,243.00
Public Service	1,967.00	10,689.00	903.00	14,520.00	60,390.00	318,420.00	6,727.00	413,616.00
Property Damage Loss	1,206.00	2,142.00	2,637.00	3,498.00	390,654.00	658,800.00	153,295.00	1,212,232.00
Subtotal (Monetary Cost)	988,999.00	107,478.00	10,767.00	131,406.00	455,004.00	991,860.00	161,851.00	2,847,365.00
Quality of Life	1,851,111.00	2,396,457.00	25,752.00	488,004.00	56,034.00	0.00	7,998.00	4,825,356.00
Total Cost	2,840,110.00	2,503,935.00	36,519.00	619,410.00	511,038.00	991,860.00	169,849.00	7,672,721.00

REFERENCES

- Miller, T. (1993). Costs and Functional Consequences of U.S. Roadway Crashes. *Accident Analysis & Prevention*, 25(5).
- Miller, T., Cohen, M., and Wiersema, B. (1994). Crime in the United States: Victim Costs and Consequences. *Research In Brief*, National Institute of Justice. Grant #90-IJ-CX-0050.
- Miller, T., Demes, J., and Bovbjerg, R. (1993). Child Seats: How Large are the Benefits and Who Should Pay? *Child Occupant Protection*, SP-986:81-89. Warrendale, PA: Society for Automotive Engineers.
- State of Michigan (1993). *UD-10 Traffic Crash Report Instruction Manual*. Lansing, MI: Michigan Department of State Police.
- Streff, F.M. and Molnar, L.J. (1990). *Estimating Costs of Traffic Crashes and Crime: Tools for Improved Decision Making*. Ann Arbor, MI: University of Michigan Transportation Research Institute.
- Streff, F.M., Molnar, L.J., Cohen, M.A., Miller, T.R., and Rossman, S.B. (1992). Estimating Costs of Traffic Crashes and Crime: Tools for Informed Decision Making. *Journal of Public Health Policy*, 13(4):451-471.

TECHNICAL APPENDIX:
Costs per Police-reported Crash Victim and Crime in Michigan: Methods Supplement

Costs per Police-reported Crash Victim and Crime in Michigan: Methods Supplement

Ted R. Miller

Maury S. Galbraith

National Public Services Research Institute,

8201 Corporate Drive, Suite 220, Landover, MD 20785

The costs of crime and motor-vehicle crashes were computed in a compatible manner. The cost categories included are:

- **Medical Care** includes payments for hospital and physician care, as well as rehabilitation, prescriptions, allied health services, medical devices, coroner costs, premature funeral expenses, and insurance claims processing costs. Also included in this category are victim legal expenses incurred in recovering medical costs from at-fault drivers and their insurers.
- **Future Earnings** include wages, fringe benefits, and housework lost by injury victims. The value of lost school days also is included for crime victims. We include insurance claims processing costs (for example, life insurance claims for fatalities and Workers' Compensation claims for people victimized while working) and legal expenses incurred in recovering productivity losses from at-fault drivers and their insurers.
- **Public Services** include initial police response and follow-up investigation, as well as emergency medical transport and fire service response to highway crashes.
- **Property Damage and Loss** is the value of property damage and of property taken and not recovered, plus property insurance claims administration costs that arise in compensating victims' property losses.
- **Quality of Life** places a dollar value on the pain, suffering, and other intangible losses resulting from injury and fear. For crime, these values come from jury awards for pain, suffering, and lost quality of life due to physical injuries and fear. For murders and highway crashes, this value is computed from the amount people routinely spend (in dollars or time) to reduce their risk of death and injury.

We deliberately excluded one of the largest tangible costs associated with crime, the cost of operating the criminal justice system. Society devotes sizable resources to preventing and punishing

criminal activity. Our cost estimates are designed to assess the impact of crime on victims, not society's response to crime. Even within that context, it excludes some fear-related costs -- such as a burglar alarm or a tube of pepper spray purchased after a break-in or a crime-induced change in job or housing. Mental health care costs also are excluded.

Data Sets Used:

Our costing relied primarily on three data sets:

- The National Highway Traffic Safety Administration's (NHTSA's) National Accident Sampling System (NASS) annually samples 10,000 - 15,000 police-reported crashes. Injury cases are investigated in detail, often including a review of medical records and interviews with the crash victims 60 to 90 days after injury. The NASS sample design was fully implemented in 1982 and operated until partway through 1986. We used the 1982-1985 NASS files in computing cost per case by severity.
- The National Crime Victimization Survey (NCVS), conducted by the Census Bureau for the National Institute of Justice, polls a sample of the U.S. population about victimization and its consequences. Interviews are conducted every six months, with panels of respondents included for six surveys each. Each interview covers only new victimization, not the long-term consequences of prior victimizations. Most costs per crime are averages from 1987-1990 NCVS data. We restricted our NCVS analysis to police reported cases.
- The Detailed Claims Information (DCI) file of the National Council on Compensation Insurance longitudinally tracks injury costs and consequences for a sample of people suffering disabling workplace injury. We used a 450,000-injury file spanning a period from 1979 through mid-1988.

Motor Vehicle Crash Costs:

Many of the methods used here are described in more detail in Miller (1993), Miller, Pindus, et al. (1995), and Miller et al. (1991). Some calculations use updated data or improved approaches.

Medical Care:

We used data from NASS on the type of medical treatment received (including duration of the initial short-term hospital stay) and the duration of acute care stay for hospitalized injuries. The NASS incidence counts by treatment status and injury grouping were combined with DCI payments per case for

nonhospitalized cases and DCI payments per hospital day and percentage of lifetime payments associated with the initial admission for hospitalized cases (Miller, Pindus, et. al., 1995).

For fatalities average medical payments came from 1985 Workers' Compensation data covering 3,334 deaths spread across 41 states and the District of Columbia (see Miller, Pindus et al., 1995, for details). No other source was available that described payments per fatality except a few studies of payments for patients treated at a specific trauma center. Coroner and funeral costs are from provider surveys.

Public Services:

We used National Medical Care Utilization and Expenditure Survey (NMCUES) data on emergency medical services costs by hospitalization status and NASS data on the frequency of transport for crash injuries. Coupling published data on police salaries and fringe benefits with data from automated police call systems on the police time spent per response yielded costs per police response by nature of call. NASS counts police-reported injuries, while Rice et al. (1989) report total injuries, allowing computation of a percentage responding. Fire department costs are modest. We estimated them from national fire services statistics on costs per call and number of motor vehicle calls.

Future Earnings:

Productivity losses were estimated in three steps. First we captured days lost per worker in the short term directly from NASS data. Using DCI and NASS data we computed probabilities of permanent work-related disability for crash injury.

We multiplied short-term days lost times average U.S. wages, plus a 20 percent allowance for fringe benefits. Using the age and sex distribution of those injured, we computed average lifetime earnings (used to compute losses for fatalities and permanent disabilities) at a 2.5-percent discount rate and a 1-percent productivity growth rate. The computations used the basic approach in Rice et al. (1989) but with 1991 household structures and earnings profiles.

We assumed household production days lost for workers were 365/243 times the work days lost. For others, we assumed the days lost equalled the losses for workers with comparable injuries. We applied the valuation methods in Douglass, Kenney, and Miller (1990) with 1991 demographics to value household production by age and sex, then used a 0-percent productivity growth rate in valuing lifetime household production.

Property Damage and Loss:

Property damage costs came from Blincoe and Faigin (1992). They are based on insurance industry data.

Quality of Life:

To value lost quality of life for fatalities, we started with the mean after-tax value of a statistical life from the literature synthesis by Miller (1990) -- \$2.6 million 1992 dollars. From this we subtracted the mean lifetime after-tax earnings, fringe benefits, and household production of \$610,000. We labeled the residual value as pain, suffering, and lost quality of life. To value the losses for nonfatal injuries, we started with physician ratings of the typical functional capacity loss over time on six dimensions: mobility, cognitive, daily living (ability to grasp, bend, and lift), sensory, cosmetic, and pain. We used population survey data to combine these losses and the probability of disability (discussed above) into a percentage utility loss resulting from the injury. The quality of life lost to a nonfatal injury is the product of the value of a statistical life and the utility loss.

Crime Costs:

The methods used here are described in more detail in Miller, Cohen, and Wiersema (1994).

Medical Care:

Medical costs for nonhospitalized injury are averages from 1987-1990 NCVS data. NCVS medical care and wage loss costs cover only a few months after injury. Longer term costs came from the DCI. To collapse the DCI data into NCVS injury categories, we used cause-coded hospital discharge data on assaults/robberies and rapes with injury from California, Vermont, and Washington and cause-coded emergency department data from a convenience sample of 21 emergency rooms (across 9 communities). Because of non-matches in definitions of short-term between the NCVS and DCI files, except for knife and gunshot wounds (taken from Miller and Cohen, 1994), we used the health care system's lengths of stay and DCI data to compute medical costs for hospitalized injury.

Public Services:

Because separate data on violence are unavailable, we assumed medically-treated, police-reported violent injuries were transported by ambulance and transferred between facilities at the rates for all injuries seen in emergency departments. Emergency transport costs and rates were national averages from the 1987 National Medical Expenditure Survey. Transfer frequency came from the National Electronic Injury Surveillance System. Police investigation costs per reported incident were estimated from police time spent (Miller, Cohen, and Rossman, 1993).

Future Earnings:

The short-term wage loss per crime is an average from 1987-1990 NCVS data. Using the methods in Miller, Cohen, and Rossman (1993), we computed and valued lost housework days per adult and lost school days per student from wage days lost per employed victim. Permanent disability probabilities were computed from the DCI data (following the methods in Miller, Pindus, et al., 1995) and

the cause-coded injury data. The lifetime wage and household production losses were valued from the age and sex distribution of crime victims using the same data and methods as for motor vehicle crashes.

Property Damage and Loss

Property damage and loss by crime is an average from 1987-1990 NCVS data.

Quality of Life:

Quality of life losses for murders were computed in the same way as for crash fatalities. Estimating values of pain, suffering, fear, and lost quality of life involved analyzing jury awards to crime victims (Cohen and Miller, 1994). The average loss for assault/robbery with injury was within 5% of the average loss using the methods used for motor vehicle crash costs. (We were unable to apply that method to compute losses due to rape.)

Adapting Costs To Michigan:

National cost estimates were inflated to 1993 dollars using inflators (medical spending per capita, employment cost index, and consumer price index -- all items) calculated from the Economic Report of the President, 1994. Costs per incident were adjusted to Michigan using ratios of Michigan to national costs. The medical and composite price ratios were calculated from the ACCRA Cost of Living Index. The wage ratio was calculated from estimates of personal income per capita by state in the Statistical Abstract of the United States, 1993.

REFERENCES

ACCRA, ACCRA Cost of Living Index, 2nd-4th Qrts., 1993, Louisville, KY, 1994.

Blincoe, Lawrence J., and Barbara Faigin. The Economic Cost of Motor Vehicle Crashes, 1990, National Highway Traffic Safety Administration, Report No. DOT HS 807 876, 1992.

Bureau of the Census. United States Statistical Abstract 1993, Washington, DC: U.S. Government Printing Office, 1994.

Council of Economic Advisors. Economic Report of the President, Washington, DC: U.S. Government Printing Office, 1994.

Cohen, MA, and TR Miller. Pain and Suffering of Crime Victims: Evidence from Jury Verdicts, Working Paper, Vanderbilt University, 1994.

Douglass, JB, GM Kenney, and TR Miller. "Which Estimates of Household Production Are Best?" Journal of Forensic Economics, 4:1, pp. 25-46, 1990.

Miller, TR. "Costs and Functional Consequences of U.S. Roadway Crashes," Accident Analysis and Prevention, 25:5, 593-607, 1993.

Miller, TR. "The Plausible Range for the Value of Life: Red Herrings Among the Mackerel," Journal of Forensic Economics, 3:3, Fall 1990, 75-89; reprinted in A Hedonics Primer for Economists and Attorneys, JO Ward (ed.), Lawyers and Judges Publishing Co., Tucson, AZ, 1992.

Miller, TR and MA Cohen. "Costs of Penetrating Injury," in Textbook of Penetrating Trauma, R. Ivatury and C.G. Cayten, ed., Philadelphia: Lee and Febiger, forthcoming, 1994.

Miller, TR, MA Cohen, and SB Rossman. "Victim Costs of Violent Crime and Resulting Injuries," Health Affairs, 12:4, 186-197, 1993.

Miller, TR, MA Cohen, and B Wiersema, "Crime in the United States: Victim Costs and Consequences" Research in Brief, National Institute of Justice, Grant # 90-IJ-CX-0050, 1994.

Miller, TR, NM Pindus, JB Douglass, and SB Rossman. Nonfatal Injury Incidence, Costs, and Consequences: A Data Book, The Urban Institute Press, forthcoming, 1995.

Miller, TR, J Viner, et al. The Costs of Highway Crashes, Washington, DC: The Urban Institute and Federal Highway Administration, 1991.

Rice DP, MacKenzie EJ, and Associates. Cost of Injury in the United States: A Report to Congress, San Francisco, CA: University of California and Johns Hopkins University, 1989.

SUPPLEMENTAL APPENDIX

Summary Tables Compiled by the Michigan Office of Highway Safety Planning

Crime vs. Crash Summary

County	Fatal	Serious Injury	Moderate Injury	Minor Injury	No Injury	Total
Alcona	\$ 15,282,650	\$ 4,238,325	\$ 2,339,115	\$ 1,250,256	\$ 1,601,082	\$ 24,711,428
Alger	\$ 15,282,650	\$ 6,862,050	\$ 1,880,465	\$ 1,495,842	\$ 1,083,894	\$ 26,604,901
Allegan	\$ 85,582,840	\$ 55,300,050	\$ 16,098,615	\$ 13,685,838	\$ 7,449,708	\$ 178,117,051
Alpena	\$ 15,282,650	\$ 10,898,550	\$ 5,091,015	\$ 4,018,680	\$ 2,530,920	\$ 37,821,815
Antrim	\$ 33,621,830	\$ 10,696,725	\$ 2,614,305	\$ 2,232,600	\$ 1,933,953	\$ 51,099,413
Arenac	\$ 30,565,300	\$ 14,733,225	\$ 2,522,575	\$ 2,880,054	\$ 2,041,242	\$ 52,742,396
Baraga	\$ 9,169,590	\$ 5,449,275	\$ 1,146,625	\$ 736,758	\$ 1,045,380	\$ 17,547,628
Barry	\$ 51,961,010	\$ 29,870,100	\$ 8,576,755	\$ 7,144,320	\$ 5,174,631	\$ 102,726,816
Bay	\$ 76,413,250	\$ 68,216,850	\$ 22,749,040	\$ 18,017,082	\$ 7,210,371	\$ 192,606,593
Benzie	\$ 3,056,530	\$ 9,485,775	\$ 1,788,735	\$ 1,518,168	\$ 1,199,436	\$ 17,048,644
Berrien	\$ 103,922,020	\$ 64,180,350	\$ 28,849,085	\$ 30,966,162	\$ 11,771,529	\$ 239,689,146
Branch	\$ 18,339,180	\$ 16,146,000	\$ 7,934,645	\$ 5,916,390	\$ 4,217,283	\$ 52,553,498
Calhoun	\$ 85,582,840	\$ 51,465,375	\$ 27,197,945	\$ 22,326,000	\$ 13,047,993	\$ 199,620,153
Cass	\$ 45,847,950	\$ 20,586,150	\$ 8,851,945	\$ 5,894,064	\$ 4,445,616	\$ 85,625,725
Charlevoix	\$ 6,113,060	\$ 9,283,950	\$ 4,081,985	\$ 2,522,838	\$ 2,310,840	\$ 24,312,673
Cheboygan	\$ 3,056,530	\$ 14,329,575	\$ 4,678,230	\$ 4,554,504	\$ 1,807,407	\$ 28,426,246
Chippewa	\$ 15,282,650	\$ 18,971,550	\$ 5,733,125	\$ 3,862,398	\$ 3,276,441	\$ 47,126,164
Clare	\$ 24,452,240	\$ 19,778,850	\$ 4,586,500	\$ 4,442,874	\$ 3,012,345	\$ 56,272,809
Clinton	\$ 39,734,890	\$ 23,613,525	\$ 9,264,730	\$ 7,568,514	\$ 4,709,712	\$ 84,891,371
Crawford	\$ 15,282,650	\$ 8,679,475	\$ 2,063,925	\$ 2,612,142	\$ 1,392,006	\$ 30,029,198
Delta	\$ 21,395,710	\$ 16,146,000	\$ 8,163,970	\$ 6,117,324	\$ 4,698,708	\$ 56,521,712
Dickinson	\$ 24,452,240	\$ 11,504,025	\$ 3,669,200	\$ 3,862,398	\$ 2,913,309	\$ 46,401,172
Eaton	\$ 70,300,190	\$ 38,952,225	\$ 14,722,665	\$ 14,802,138	\$ 7,444,206	\$ 146,221,424
Emmet	\$ 18,339,180	\$ 11,302,200	\$ 6,008,315	\$ 4,398,222	\$ 3,094,875	\$ 43,142,792
Genesee	\$ 204,787,510	\$ 96,270,525	\$ 83,795,355	\$ 88,812,828	\$ 27,199,137	\$ 500,865,355
Gladwin	\$ 6,113,060	\$ 7,265,700	\$ 3,577,470	\$ 2,768,424	\$ 2,046,744	\$ 21,771,398
Gogebic	\$ 3,056,530	\$ 8,274,825	\$ 2,751,900	\$ 2,031,666	\$ 1,218,693	\$ 17,333,614
Grand Traverse	\$ 27,508,770	\$ 21,393,450	\$ 14,539,205	\$ 15,248,658	\$ 6,360,312	\$ 85,050,395
Gratiot	\$ 21,395,710	\$ 23,815,350	\$ 6,329,370	\$ 5,938,716	\$ 3,405,738	\$ 60,884,884
Hillsdale	\$ 36,678,360	\$ 19,375,200	\$ 8,851,945	\$ 6,005,694	\$ 4,357,584	\$ 75,268,783

Crime vs. Crash Summary

County	Fatal	Serious Injury	Moderate Injury	Minor Injury	No Injury	Total
Houghton	\$ 21,395,710	\$ 17,962,425	\$ 4,632,365	\$ 3,505,182	\$ 2,467,647	\$ 49,963,329
Huron	\$ 15,282,650	\$ 14,329,575	\$ 5,687,260	\$ 4,331,244	\$ 3,669,834	\$ 43,300,563
Ingham	\$ 67,243,660	\$ 87,793,875	\$ 43,617,615	\$ 48,938,592	\$ 21,113,925	\$ 268,707,667
Ionia	\$ 24,452,240	\$ 27,044,550	\$ 8,668,485	\$ 6,764,778	\$ 4,726,218	\$ 71,656,271
Iosco	\$ 30,565,300	\$ 9,687,600	\$ 5,412,070	\$ 3,951,702	\$ 2,429,133	\$ 52,045,805
Iron	\$ 15,282,650	\$ 4,641,975	\$ 1,146,625	\$ 1,317,234	\$ 1,826,664	\$ 24,215,148
Isabella	\$ 51,961,010	\$ 20,586,150	\$ 8,530,890	\$ 9,309,942	\$ 4,533,648	\$ 94,921,640
Jackson	\$ 79,469,780	\$ 60,143,850	\$ 26,143,050	\$ 24,804,186	\$ 12,737,130	\$ 203,297,996
Kalamazoo	\$ 165,052,620	\$ 69,225,975	\$ 35,728,835	\$ 40,387,734	\$ 20,965,371	\$ 331,360,535
Kalkaska	\$ 27,508,770	\$ 9,082,125	\$ 4,219,580	\$ 2,880,054	\$ 1,449,777	\$ 45,140,306
Kent	\$ 158,939,560	\$ 165,294,675	\$ 80,859,995	\$ 111,429,066	\$ 41,806,947	\$ 558,330,243
Keweenaw	\$ 3,056,530	\$ 2,623,725	\$ 871,435	\$ 245,586	\$ 154,056	\$ 6,951,332
Lake	\$ 6,113,060	\$ 6,458,400	\$ 1,467,680	\$ 1,652,124	\$ 1,092,147	\$ 16,783,411
Lapeer	\$ 30,565,300	\$ 29,870,100	\$ 10,457,220	\$ 13,083,036	\$ 6,231,015	\$ 90,206,671
Leelanau	\$ 12,226,120	\$ 7,467,525	\$ 3,027,090	\$ 2,098,644	\$ 1,226,946	\$ 26,046,325
Lenawee	\$ 61,130,600	\$ 35,319,975	\$ 17,291,105	\$ 17,793,822	\$ 6,965,532	\$ 138,500,434
Livingston	\$ 45,847,950	\$ 57,116,475	\$ 19,997,140	\$ 20,205,030	\$ 10,019,142	\$ 153,185,737
Luce	\$ 6,113,060	\$ 10,494,900	\$ 1,421,815	\$ 803,736	\$ 607,971	\$ 19,441,482
Mackinac	\$ 30,565,300	\$ 9,889,425	\$ 2,706,035	\$ 1,987,014	\$ 1,708,371	\$ 46,856,145
Macomb	\$ 125,317,730	\$ 236,135,250	\$ 104,113,550	\$ 153,826,140	\$ 47,042,100	\$ 666,434,770
Manistee	\$ 24,452,240	\$ 11,100,375	\$ 3,302,280	\$ 2,857,728	\$ 1,834,917	\$ 43,547,540
Marquette	\$ 61,130,600	\$ 30,273,750	\$ 9,218,865	\$ 8,751,792	\$ 6,156,738	\$ 115,531,745
Mason	\$ 18,339,180	\$ 10,898,550	\$ 4,907,555	\$ 4,465,200	\$ 2,965,578	\$ 41,576,063
Mecosta	\$ 9,169,590	\$ 18,567,900	\$ 6,237,640	\$ 4,465,200	\$ 4,753,728	\$ 43,194,058
Menominee	\$ 15,282,650	\$ 11,302,200	\$ 5,503,800	\$ 4,509,852	\$ 3,843,147	\$ 40,441,649
Midland	\$ 24,452,240	\$ 23,613,525	\$ 10,136,165	\$ 9,711,810	\$ 5,980,674	\$ 73,894,414
Missaukee	\$ 6,113,060	\$ 6,054,750	\$ 2,339,115	\$ 1,763,754	\$ 1,177,428	\$ 17,448,107
Monroe	\$ 85,582,840	\$ 63,373,050	\$ 27,197,945	\$ 22,370,652	\$ 8,024,667	\$ 206,549,154
Montcalm	\$ 58,074,070	\$ 41,575,950	\$ 10,319,625	\$ 7,613,166	\$ 5,788,104	\$ 123,370,915
Montmorency	\$ 18,339,180	\$ 3,632,850	\$ 2,063,925	\$ 1,585,146	\$ 918,834	\$ 26,539,935

Crime vs. Crash Summary

County	Fatal	Serious Injury	Moderate Injury	Minor Injury	No Injury	Total
Muskegon	\$ 61,130,600	\$ 63,171,225	\$ 24,400,180	\$ 28,599,606	\$ 11,235,084	\$ 188,536,695
Newaygo	\$ 27,508,770	\$ 26,237,250	\$ 10,182,030	\$ 5,581,500	\$ 3,694,593	\$ 73,204,143
Oakland	\$ 296,483,410	\$ 325,140,075	\$ 161,215,475	\$ 259,919,292	\$ 81,206,769	\$ 1,123,965,021
Oceana	\$ 9,169,590	\$ 11,302,200	\$ 4,311,310	\$ 2,991,684	\$ 2,159,535	\$ 29,934,319
Ogemaw	\$ 21,395,710	\$ 15,540,525	\$ 5,412,070	\$ 2,880,054	\$ 2,354,856	\$ 47,583,215
Ontonagon	\$ 6,113,060	\$ 6,256,575	\$ 1,605,275	\$ 692,106	\$ 1,312,227	\$ 15,979,243
Osceola	\$ 6,113,060	\$ 17,356,950	\$ 5,274,475	\$ 3,884,724	\$ 2,464,896	\$ 35,094,105
Oscoda	\$ 21,395,710	\$ 6,458,400	\$ 1,651,140	\$ 937,692	\$ 995,862	\$ 31,438,804
Otsego	\$ 18,339,180	\$ 11,302,200	\$ 5,641,395	\$ 3,840,072	\$ 2,049,495	\$ 41,172,342
Ottawa	\$ 82,526,310	\$ 57,116,475	\$ 29,124,275	\$ 31,256,400	\$ 13,889,799	\$ 213,913,259
Presque Isle	\$ 9,169,590	\$ 5,247,450	\$ 2,522,575	\$ 960,018	\$ 1,323,231	\$ 19,222,864
Roscommon	\$ 21,395,710	\$ 19,778,850	\$ 3,944,390	\$ 3,058,662	\$ 1,931,202	\$ 50,108,814
Saginaw	\$ 106,978,550	\$ 92,839,500	\$ 32,976,935	\$ 40,164,474	\$ 16,387,707	\$ 289,347,166
Sanilac	\$ 24,452,240	\$ 14,935,050	\$ 6,054,180	\$ 5,023,350	\$ 3,642,324	\$ 54,107,144
Schoolcraft	\$ 9,169,590	\$ 4,843,800	\$ 1,009,030	\$ 1,093,974	\$ 1,092,147	\$ 17,208,541
Shiawassee	\$ 64,187,130	\$ 27,246,375	\$ 11,053,465	\$ 9,309,942	\$ 4,434,612	\$ 116,231,524
St. Clair	\$ 79,469,780	\$ 49,043,475	\$ 23,115,960	\$ 27,349,350	\$ 9,837,576	\$ 188,816,141
St. Joseph	\$ 27,508,770	\$ 20,182,500	\$ 13,667,770	\$ 8,327,598	\$ 4,847,262	\$ 74,533,900
Tuscola	\$ 58,074,070	\$ 32,897,475	\$ 7,613,590	\$ 5,469,870	\$ 3,964,191	\$ 108,019,196
Van Buren	\$ 76,413,250	\$ 45,612,450	\$ 15,823,425	\$ 10,537,872	\$ 5,350,695	\$ 153,737,692
Washtenaw	\$ 128,374,260	\$ 81,940,950	\$ 40,636,390	\$ 51,193,518	\$ 22,888,320	\$ 325,033,438
Wayne	\$ 709,114,960	\$ 865,627,425	\$ 337,658,130	\$ 511,354,704	\$ 165,172,791	\$ 2,588,928,010
Wexford	\$ 30,565,300	\$ 17,155,125	\$ 6,283,505	\$ 5,112,654	\$ 3,004,092	\$ 62,120,676
State of Michigan	\$ 4,321,933,420	\$ 3,638,501,100	\$ 1,539,963,240	\$ 1,851,807,744	\$ 744,527,889	\$ 12,096,733,393

Crime vs. Crash Summary

12/13/94

County	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Alcona	\$ -	\$ 357,705	\$ -	\$ 65,695	\$ 407,798	\$ 153,928	\$ 10,958	\$ 996,084
Alger	\$ -	\$ 357,705	\$ 48,692	\$ 159,545	\$ 116,145	\$ 63,956	\$ 16,437	\$ 762,480
Allegan	\$ 11,360,440	\$ 18,242,955	\$ 48,692	\$ 1,529,755	\$ 1,946,074	\$ 1,797,272	\$ 684,875	\$ 35,610,063
Alpena	\$ 2,840,110	\$ 3,100,110	\$ 36,519	\$ 366,015	\$ 712,356	\$ 796,740	\$ 191,765	\$ 8,043,615
Antrim	\$ -	\$ 1,788,525	\$ 12,173	\$ 37,540	\$ 327,787	\$ 168,020	\$ 32,874	\$ 2,366,919
Arenac	\$ 2,840,110	\$ 834,645	\$ 12,173	\$ 159,545	\$ 443,932	\$ 227,640	\$ 120,538	\$ 4,638,583
Baraga	\$ -	\$ 1,192,350	\$ -	\$ 46,925	\$ 139,374	\$ 94,308	\$ 32,874	\$ 1,505,831
Barry	\$ -	\$ 5,246,340	\$ 36,519	\$ 760,185	\$ 1,011,752	\$ 756,632	\$ 262,992	\$ 8,074,420
Bay	\$ -	\$ 11,327,325	\$ 876,456	\$ 2,243,015	\$ 1,687,974	\$ 3,092,652	\$ 1,139,632	\$ 20,367,054
Benzie	\$ -	\$ 357,705	\$ 12,173	\$ 234,625	\$ 167,765	\$ 363,140	\$ 98,622	\$ 1,234,030
Berrien	\$ 31,241,210	\$ 20,269,950	\$ 3,481,478	\$ 11,609,245	\$ 5,701,429	\$ 6,838,956	\$ 2,799,769	\$ 81,942,037
Branch	\$ -	\$ 10,134,975	\$ 24,346	\$ 666,335	\$ 717,518	\$ 1,030,884	\$ 191,765	\$ 12,765,823
Calhoun	\$ 28,401,100	\$ 14,665,905	\$ 3,116,288	\$ 7,113,830	\$ 4,808,403	\$ 5,087,212	\$ 2,202,558	\$ 65,395,296
Cass	\$ 5,680,220	\$ 4,650,165	\$ 243,460	\$ 1,191,895	\$ 1,164,031	\$ 885,628	\$ 416,404	\$ 14,231,803
Charlevoix	\$ -	\$ 2,146,230	\$ 12,173	\$ 131,390	\$ 283,910	\$ 434,684	\$ 82,185	\$ 3,090,572
Cheboygan	\$ -	\$ 2,384,700	\$ -	\$ 262,780	\$ 345,854	\$ 416,256	\$ 93,143	\$ 3,502,733
Chippewa	\$ 2,840,110	\$ 3,100,110	\$ 60,865	\$ 703,875	\$ 650,412	\$ 820,588	\$ 290,387	\$ 8,466,347
Clare	\$ -	\$ 2,026,995	\$ 12,173	\$ 140,775	\$ 487,809	\$ 413,004	\$ 71,227	\$ 3,151,983
Clinton	\$ 2,840,110	\$ 4,411,695	\$ 109,557	\$ 431,710	\$ 634,926	\$ 999,448	\$ 235,597	\$ 9,663,043
Crawford	\$ 2,840,110	\$ 834,645	\$ -	\$ 366,015	\$ 446,513	\$ 247,152	\$ 71,227	\$ 4,805,662
Delta	\$ -	\$ 3,100,110	\$ 24,346	\$ 206,470	\$ 518,781	\$ 937,660	\$ 164,370	\$ 4,951,737
Dickinson	\$ -	\$ 2,265,465	\$ 24,346	\$ 375,400	\$ 325,206	\$ 570,184	\$ 104,101	\$ 3,664,702
Eaton	\$ 8,520,330	\$ 8,227,215	\$ 572,131	\$ 1,614,220	\$ 1,393,740	\$ 2,932,220	\$ 1,024,573	\$ 24,284,429
Emmet	\$ -	\$ 5,723,280	\$ 24,346	\$ 394,170	\$ 539,429	\$ 904,056	\$ 164,370	\$ 7,749,651
Genesee	\$ 153,365,940	\$ 40,897,605	\$ 15,557,094	\$ 30,867,265	\$ 16,061,563	\$ 17,626,924	\$ 18,058,784	\$ 292,435,175
Gladwin	\$ 11,360,440	\$ 5,604,045	\$ 12,173	\$ 337,860	\$ 616,859	\$ 420,592	\$ 136,975	\$ 18,488,944
Gogebic	\$ -	\$ 1,192,350	\$ 12,173	\$ 93,850	\$ 260,681	\$ 289,428	\$ 54,790	\$ 1,903,272
Grand Traverse	\$ 5,680,220	\$ 8,584,920	\$ 109,557	\$ 591,255	\$ 833,663	\$ 1,720,308	\$ 328,740	\$ 17,848,663
Gratiot	\$ -	\$ 4,053,990	\$ 48,692	\$ 638,180	\$ 593,630	\$ 846,604	\$ 180,807	\$ 6,361,903
Hillsdale	\$ 8,520,330	\$ 6,080,985	\$ 85,211	\$ 694,490	\$ 580,725	\$ 697,012	\$ 180,807	\$ 16,839,560
Houghton	\$ -	\$ 1,192,350	\$ 12,173	\$ 225,240	\$ 229,709	\$ 450,944	\$ 126,017	\$ 2,236,433
Huron	\$ -	\$ 3,577,050	\$ -	\$ 328,475	\$ 464,580	\$ 630,888	\$ 93,143	\$ 5,094,136

Crime vs. Crash Summary

12/13/94

County	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Ingham	\$ 48,281,870	\$ 37,201,320	\$ 4,467,491	\$ 13,242,235	\$ 6,504,120	\$ 11,632,404	\$ 5,939,236	\$ 127,268,676
Ionla	\$ 5,680,220	\$ 5,961,750	\$ 73,038	\$ 947,885	\$ 704,613	\$ 1,004,868	\$ 323,261	\$ 14,695,635
Iosco	\$ 2,840,110	\$ 2,503,935	\$ 48,692	\$ 459,865	\$ 841,406	\$ 542,000	\$ 191,765	\$ 7,427,773
Iron	\$ -	\$ 476,940	\$ -	\$ 178,315	\$ 190,994	\$ 273,168	\$ 60,269	\$ 1,179,686
Isabella	\$ 2,840,110	\$ 5,007,870	\$ 73,038	\$ 628,795	\$ 825,920	\$ 1,751,744	\$ 339,698	\$ 11,467,175
Jackson	\$ 19,880,770	\$ 19,912,245	\$ 1,229,473	\$ 14,340,280	\$ 2,330,643	\$ 4,067,168	\$ 1,523,162	\$ 63,283,741
Kalamazoo	\$ 31,241,210	\$ 16,335,195	\$ 3,603,208	\$ 12,801,140	\$ 5,928,557	\$ 9,750,580	\$ 4,246,225	\$ 83,906,115
Kalkaska	\$ 2,840,110	\$ 3,338,580	\$ 36,519	\$ 300,320	\$ 379,407	\$ 298,100	\$ 87,664	\$ 7,280,700
Kent	\$ 116,444,510	\$ 63,075,315	\$ 12,440,806	\$ 22,664,775	\$ 13,379,904	\$ 19,098,996	\$ 9,264,989	\$ 256,369,295
Keweenaw	\$ -	\$ 119,235	\$ -	\$ 28,155	\$ 25,810	\$ 27,100	\$ -	\$ 200,300
Lake	\$ -	\$ 1,073,115	\$ 48,692	\$ 272,165	\$ 459,418	\$ 148,508	\$ 82,185	\$ 2,084,083
Lapeer	\$ -	\$ 5,127,105	\$ 60,865	\$ 863,420	\$ 758,814	\$ 1,141,452	\$ 394,488	\$ 8,346,144
Leelanau	\$ -	\$ 1,073,115	\$ -	\$ 65,695	\$ 121,307	\$ 228,724	\$ 38,353	\$ 1,527,194
Lenawee	\$ -	\$ 10,134,975	\$ 255,633	\$ 1,201,280	\$ 1,455,684	\$ 2,027,080	\$ 728,707	\$ 15,803,359
Livingston	\$ 2,840,110	\$ 5,842,515	\$ 206,941	\$ 1,557,910	\$ 1,858,320	\$ 2,454,176	\$ 871,161	\$ 15,631,133
Luce	\$ -	\$ 834,645	\$ 12,173	\$ 112,620	\$ 185,832	\$ 119,240	\$ 43,832	\$ 1,308,342
Mackinac	\$ -	\$ 834,645	\$ 24,346	\$ 244,010	\$ 289,072	\$ 574,520	\$ 87,664	\$ 2,054,257
Macomb	\$ 34,081,320	\$ 39,466,785	\$ 7,072,513	\$ 21,585,500	\$ 9,962,660	\$ 22,698,960	\$ 17,434,178	\$ 152,301,916
Manistee	\$ 2,840,110	\$ 2,623,170	\$ 12,173	\$ 253,395	\$ 482,647	\$ 345,796	\$ 98,622	\$ 6,655,913
Marquette	\$ -	\$ 10,015,740	\$ 48,692	\$ 628,795	\$ 658,155	\$ 1,576,136	\$ 312,303	\$ 13,239,821
Mason	\$ 5,680,220	\$ 3,219,345	\$ 12,173	\$ 459,865	\$ 753,652	\$ 977,768	\$ 131,496	\$ 11,234,519
Mecosta	\$ 2,840,110	\$ 4,530,930	\$ 133,903	\$ 488,020	\$ 805,272	\$ 1,307,304	\$ 131,496	\$ 10,237,035
Menominee	\$ -	\$ 4,411,695	\$ 36,519	\$ 384,785	\$ 609,116	\$ 569,100	\$ 169,849	\$ 6,181,064
Midland	\$ -	\$ 4,650,165	\$ 133,903	\$ 1,407,750	\$ 756,233	\$ 1,570,716	\$ 361,614	\$ 8,880,381
Missaukee	\$ -	\$ 1,788,525	\$ 24,346	\$ 112,620	\$ 317,463	\$ 150,676	\$ 54,790	\$ 2,448,420
Monroe	\$ 5,680,220	\$ 12,758,145	\$ 900,802	\$ 3,528,760	\$ 2,485,503	\$ 3,778,824	\$ 2,027,230	\$ 31,159,484
Montcalm	\$ 2,840,110	\$ 8,704,155	\$ 73,038	\$ 1,041,735	\$ 1,053,048	\$ 1,160,964	\$ 482,152	\$ 15,355,202
Montmorency	\$ -	\$ 1,669,290	\$ 12,173	\$ 159,545	\$ 536,848	\$ 184,280	\$ 49,311	\$ 2,611,447
Muskegon	\$ 17,040,660	\$ 13,592,790	\$ 2,921,520	\$ 8,718,665	\$ 6,096,322	\$ 7,395,048	\$ 3,347,669	\$ 59,112,674
Newaygo	\$ 2,840,110	\$ 7,511,805	\$ 12,173	\$ 797,725	\$ 1,112,411	\$ 576,688	\$ 246,555	\$ 13,097,467
Oakland	\$ 96,563,740	\$ 57,113,565	\$ 14,205,891	\$ 38,928,980	\$ 19,504,617	\$ 32,312,956	\$ 26,463,570	\$ 285,093,319
Oceana	\$ -	\$ 3,100,110	\$ -	\$ 187,700	\$ 529,105	\$ 318,696	\$ 109,580	\$ 4,245,191

Crime vs. Crash Summary

12/13/94

County	Murder	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total
Ogemaw	\$ -	\$ 3,219,345	\$ 24,346	\$ 591,255	\$ 1,001,428	\$ 445,524	\$ 213,681	\$ 5,495,579
Ontonagon	\$ -	\$ 596,175	\$ -	\$ 75,080	\$ 113,564	\$ 104,064	\$ 49,311	\$ 938,194
Osceola	\$ -	\$ 2,623,170	\$ -	\$ 225,240	\$ 645,250	\$ 311,108	\$ 169,849	\$ 3,974,617
Oscoda	\$ -	\$ 238,470	\$ -	\$ 37,540	\$ 632,345	\$ 203,792	\$ 43,832	\$ 1,155,979
Otsego	\$ 2,840,110	\$ 3,577,050	\$ 24,346	\$ 300,320	\$ 420,703	\$ 344,712	\$ 147,933	\$ 7,655,174
Ottawa	\$ 2,840,110	\$ 18,242,955	\$ 316,498	\$ 2,158,550	\$ 2,619,715	\$ 5,081,792	\$ 1,150,590	\$ 32,410,210
Presque Isle	\$ -	\$ 953,880	\$ -	\$ 103,235	\$ 157,441	\$ 175,608	\$ 65,748	\$ 1,455,912
Roscommon	\$ -	\$ 2,026,995	\$ 24,346	\$ 337,860	\$ 689,127	\$ 568,016	\$ 361,614	\$ 4,007,958
Saginaw	\$ 82,363,190	\$ 24,204,705	\$ 7,242,935	\$ 19,624,035	\$ 7,133,884	\$ 8,855,196	\$ 2,564,172	\$ 151,988,117
Sanilac	\$ 2,840,110	\$ 4,888,635	\$ 36,519	\$ 516,175	\$ 652,993	\$ 674,248	\$ 367,093	\$ 9,975,773
Schoolcraft	\$ -	\$ 596,175	\$ -	\$ 140,775	\$ 129,050	\$ 127,912	\$ 38,353	\$ 1,032,265
Shiawassee	\$ -	\$ 4,173,225	\$ 133,903	\$ 1,210,665	\$ 869,797	\$ 1,245,516	\$ 454,757	\$ 8,087,863
St. Clair	\$ 11,360,440	\$ 12,758,145	\$ 912,975	\$ 3,097,050	\$ 2,743,603	\$ 3,980,448	\$ 1,364,271	\$ 36,216,932
St. Joseph	\$ 2,840,110	\$ 8,584,920	\$ 182,595	\$ 1,501,600	\$ 1,313,729	\$ 1,394,024	\$ 487,631	\$ 16,304,609
Tuscola	\$ 2,840,110	\$ 5,246,340	\$ 12,173	\$ 525,560	\$ 585,887	\$ 487,800	\$ 257,513	\$ 9,955,383
Van Buren	\$ 14,200,550	\$ 11,804,265	\$ 413,882	\$ 2,149,165	\$ 3,079,133	\$ 2,023,828	\$ 964,304	\$ 34,635,127
Washtenaw	\$ 45,441,760	\$ 21,939,240	\$ 4,735,297	\$ 10,820,905	\$ 6,937,728	\$ 11,168,452	\$ 4,832,478	\$ 105,875,860
Wayne	\$ 1,766,548,420	\$ 194,472,285	\$ 184,080,106	\$ 152,525,020	\$ 77,796,502	\$ 82,031,700	\$ 191,485,571	\$ 2,648,939,604
Wexford	\$ 2,840,110	\$ 2,503,935	\$ 36,519	\$ 619,410	\$ 511,038	\$ 991,860	\$ 169,849	\$ 7,672,721
State of Michigan	\$ 2,618,581,420	\$ 874,588,725	\$ 270,983,153	\$ 409,739,715	\$ 234,556,118	\$ 302,994,26	\$ 310,494,930	\$ 5,021,938,321

