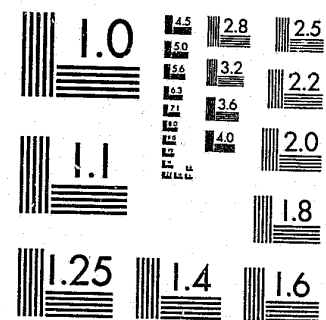


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12/7/83

ANALYSIS OF UNIFORM CRIME REPORT DATA

1982



PREPARED BY THE
STATISTICAL ANALYSIS CENTER

DOVER, DELAWARE
JUNE, 1983

90252

AN ANALYSIS OF
UNIFORM CRIME REPORT DATA

PREPARED BY THE
STATISTICAL ANALYSIS CENTER

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JUNE, 1982

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U.S. Department of Justice
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INTRODUCTION

The existence of crime in our state is a concern not only of law enforcement but of our society as a whole. This report, "Crime in Delaware 1982", presents an overview of criminal activity in Delaware based on the most commonly used measure of crime in the nation, the Uniform Crime Report, Part I Crime Index.

The report presents data on the major crime classifications, Violent and Property, for the state and the counties. It compares 1982 to the previous 5 years in terms of rates, adjusting for population and growth, using 1977 as a base year of 100%.

The data contained in this report are extracted from the State Uniform Crime Report produced by the State Bureau of Identification division of the Delaware State Police.

Contents

	Page
Definitions	1
Statewide Summary	2
Weapons Usage in Robbery and Aggravated Assault	15
Stolen Property 1982	19
Charts	
1-The Delaware Crime Bin 1982	5
2-Violent Crime Rates 1977-1982	6
3-Property Crime Rates 1977-1982	7
4-Violent Arrest Rates 1977-1982	8
5-Property Arrest Rates 1977-1982	9
6-Crime, Arrest, Incarceration	11
7-Violent Crime, Growth and Composition	12
8-Property Crime, Growth and Composition	16
Tables	
1982 Summary Table	4
Arrests By Crime 1982	10
Arrests By Year 1977 to 1982	10
Violent Crime by Year and County	13
Homicide Offenses by Year and County	13
Rape by Type and County 1982	13
Rape Offenses by Year and County	13
Robbery by Type and County 1982	14
Robbery by Year and County	14
Aggravated Assault by Type and County 1982	14
Aggravated Assault Offenses by Year and County	14
Weapons Usage in Delaware for Robbery and Aggravated Assault	15
Arrests for Weapons Usage in Robbery and Aggravated Assault	15

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ACQUISITIONS

Tables (Continued)

	Page
Property Offenses by Year and County	17
Larceny Offenses by Year and County	17
Burglary by Type and County 1982	18
Burglary Offenses by Year and County	18
Motor Vehicle Theft by Type and County 1982	18
Motor Vehicle Theft Offenses by Year and County	18
Value of Property Stolen 1982	19
Value of Property Stolen, Robbery 1982	20
Value of Property Stolen, Burglary 1982	21
Value of Property Stolen, Larceny 1982	22
Type of Property Stolen/Recovered 1982	23

Definitions

Violent Crime - The composite of Homicide, Rape, Robbery and Aggravated Assault

Property Crime - The composite of Burglary, Larceny and Motor Vehicle Theft

Index Crime - Violent Crime + Property Crime (also known as Part I Crime)

Crime Rates - The number of crimes per 100,000 population
$$\frac{\text{Crime}}{\text{Population}} \times 100,000$$

Arrest Rates - The number of arrests per 100,000 population
$$\frac{\text{Arrests}}{\text{Population}} \times 100,000$$

Incarceration Rate - The number of individuals in prison per 100,000 population
$$\frac{\text{Prison Population}}{\text{Population}} \times 100,000$$

1982 Statewide Crime Summary

- Homicide - The 35 reported murders in 1982 were 5⁶ less than 1981 and are below the 5 year average (1977-1981) of 38 per year.
- Rape - 188 reported rape offenses are the highest ever recorded. The 1982 Rape total is far above the 1977-1981 average of 147 per year.
- Robbery - Robberies declined from 838 in 1981 to 734 in 1982. Robbery is at its lowest level since 1973, and is below the 1977-1981 average of 824 per year.
- There was no significant change in the number of Robbery offenses involving the use of Deadly Weapons (firearm or knife) over the past 7 years.
- Aggravated Assault - Aggravated Assaults totaled 2,081 in 1982, up from 1,987 in 1981. 1982 was the second highest year for assaults (1979 Highest). The 5 year average preceeding 1982 was 1,717 per year.
- There was no significant change in the number of assault offenses involving a firearm, however offenses involving knives have increased.
- Violent Crime - The total number of violent offenses has remained stable from 1981 to 1982. (3,034 in 1981 vs. 3,038 in 1982).
- This stability has resulted in a slightly lower Violent Crime Rate (crime per 100,000 population) due to the projected population increase.*
- Delaware's Violent Crime Rate for 1982 continues to be below the national level.
- Burglary - Burglary offenses fell from 9,612 in 1981 to 8,825 in 1982. Burglary offenses are at the lowest point since 1974, and are far below the 5 year average (1977-1981) of 9,418 per annum.
- Larceny - Larceny offenses have dropped for the first time since 1977, from 24,686 in 1981 to 23,984 in 1982. Larceny remains slightly higher than the 1977-1981 average of 23,131. (During the 77-81 period Larceny increased at a rate of 646 per year). Delaware has one of the highest Larceny rates in the Nation (7th in 1981)

*Population Projections - Delaware Population Consortium

Motor Vehicle Theft - 2,489 Motor Vehicles were reported stolen in 1982 compared to 2,556 in 1981. The 1982 level is the lowest since 1972 and is below the 1977-1981 5 year average of 2,736 per year.

Property Crime - The total of property offenses had declined slightly in 1982 (35,298) from 1981 (36,854). This is the first decline since 1977. (The decline is due primarily to the decline in Larceny). Offenses for 1982 were equivalent to the 5 year average of 35,285. (During the 77-81 time span Property Crime increased by approximately 592 offenses per year).

- The Property Crime rate declined from 6127.8 offenses per 100,000 population in 1981 to 5815.7 in 1982, due to both a reduction in crime and an increase in the projected population.

- Delaware's property crime rates continue to be greater than the nations.

Arrests - The total number of arrests made for Index offenses remained stable (7,735 in 1981; 7,681 in 1982.) Adult arrests rose by 335 in 1982 while Juvenile arrests fell by 389.

- The arrest rate for Index offenses fell from 1394.7 arrests per 100,000 population in 1981 to 1266 in 1982.

Incarceration - The incarceration rate, the number of sentenced prisoners per 100,000 population, rose in 1982 from 233.8 in 1981 to 288.5

1982 Summary Table

	<u>1981</u>	<u>1982</u>
Homicide	40	35
Rape	169	188
Robbery	838	734
Aggravated Assault	1987	2081
Total Violent Crime	3034	3038
Violent Crime Rate	504.5	500.5
Burglary	9612	8825
Larceny	24680	23984
Motor Vehicle Theft	2556	2489
Total Property Crime	36854	35298
Property Crime Rate	6127.8	5815.7
Total Index Crime	39888	38336
Index Crime Rate	6632.8	6316.3
Arrests for Index Crime	7735	7681
Arrest Rate	1394.7	1266
Incarceration Rate	233.8	288.5

NEW CASTLE
INDEX CRIME
RATE
6908

NUMBER OF
INDEX CRIMES

TOTAL
INDEX
CRIMES
38,336

27,996

5281

5059

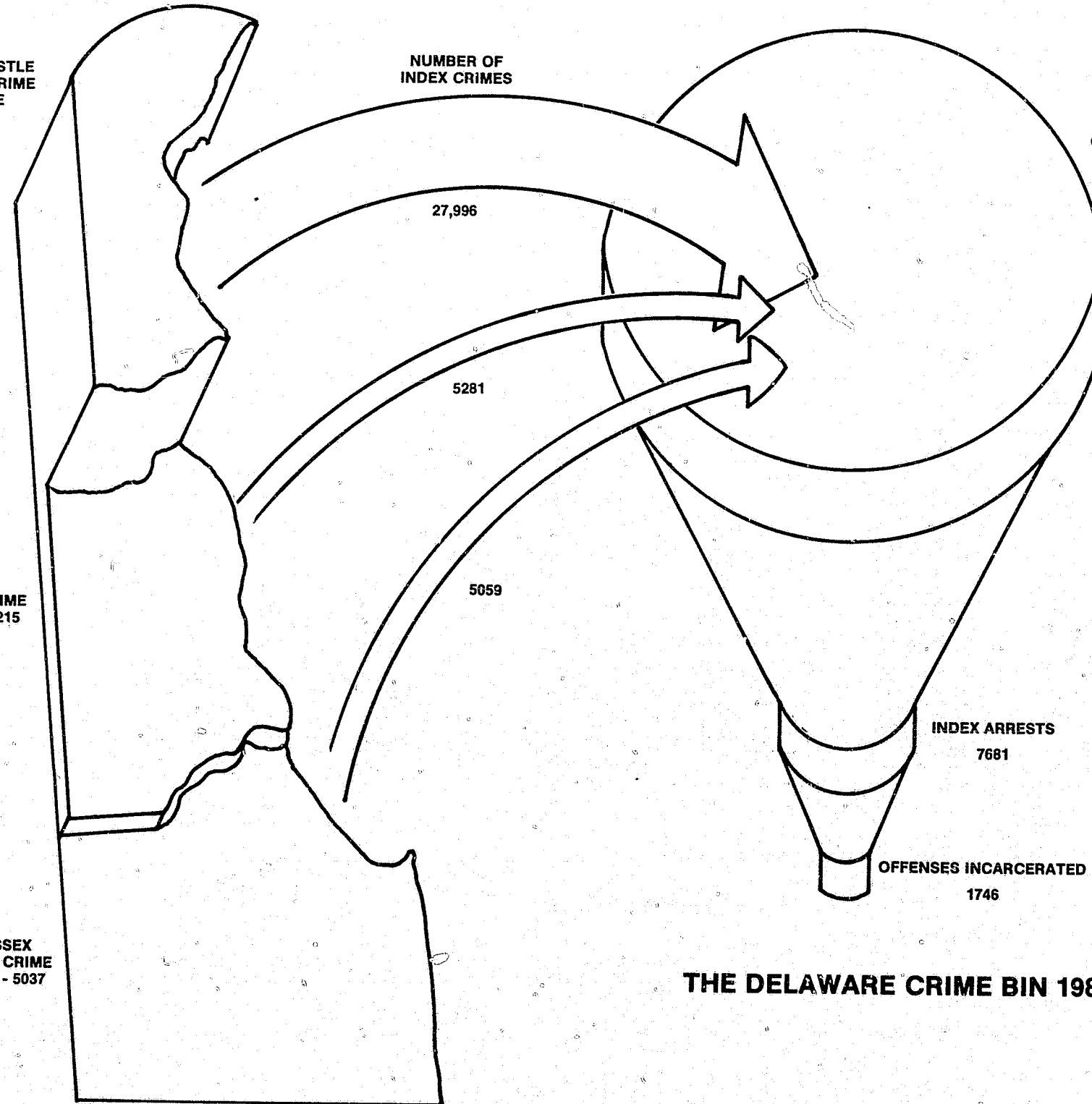
KENT
INDEX CRIME
RATE - 5215

INDEX ARRESTS
7681

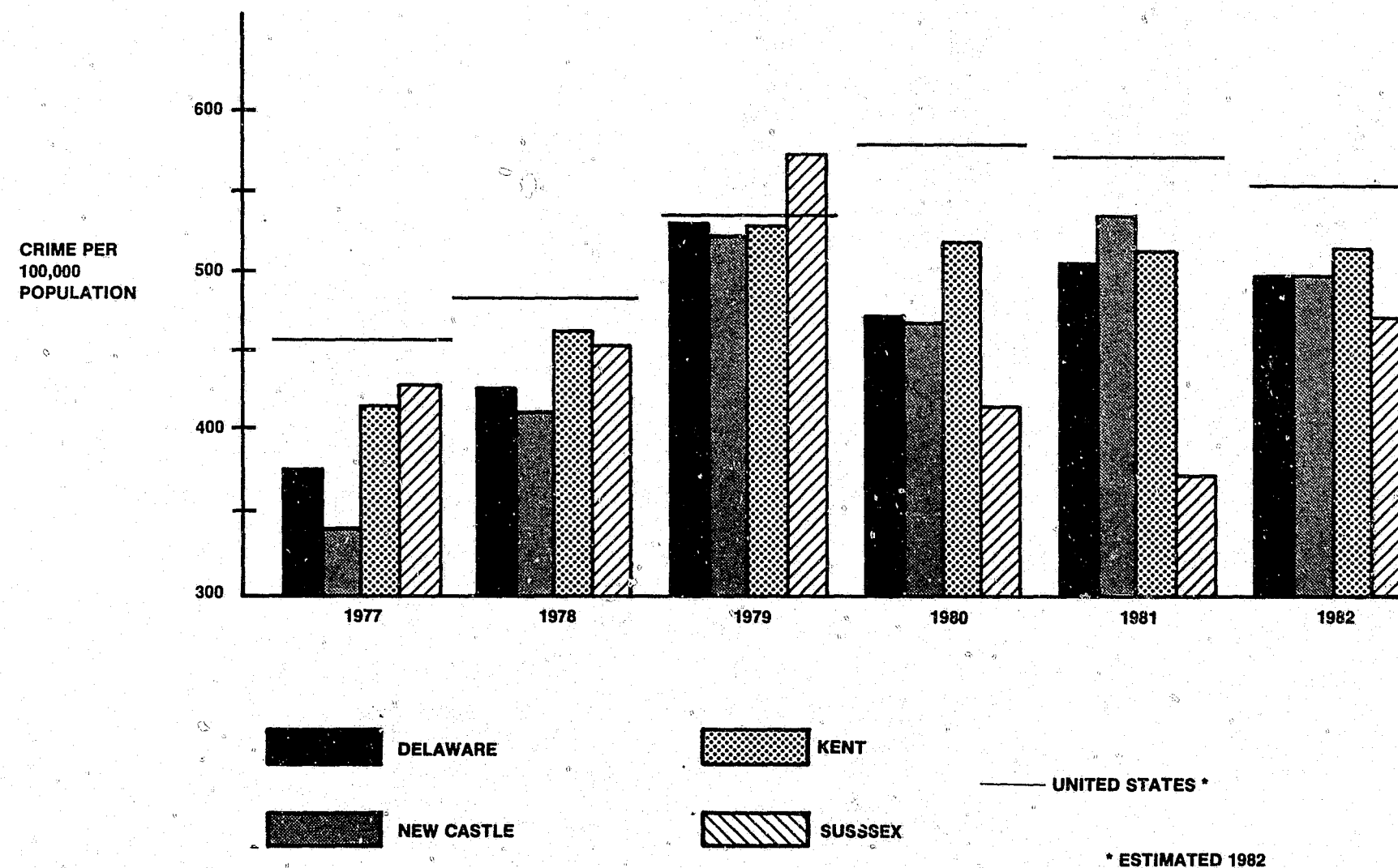
SUSSEX
INDEX CRIME
RATE - 5037

OFFENSES INCARCERATED
1746

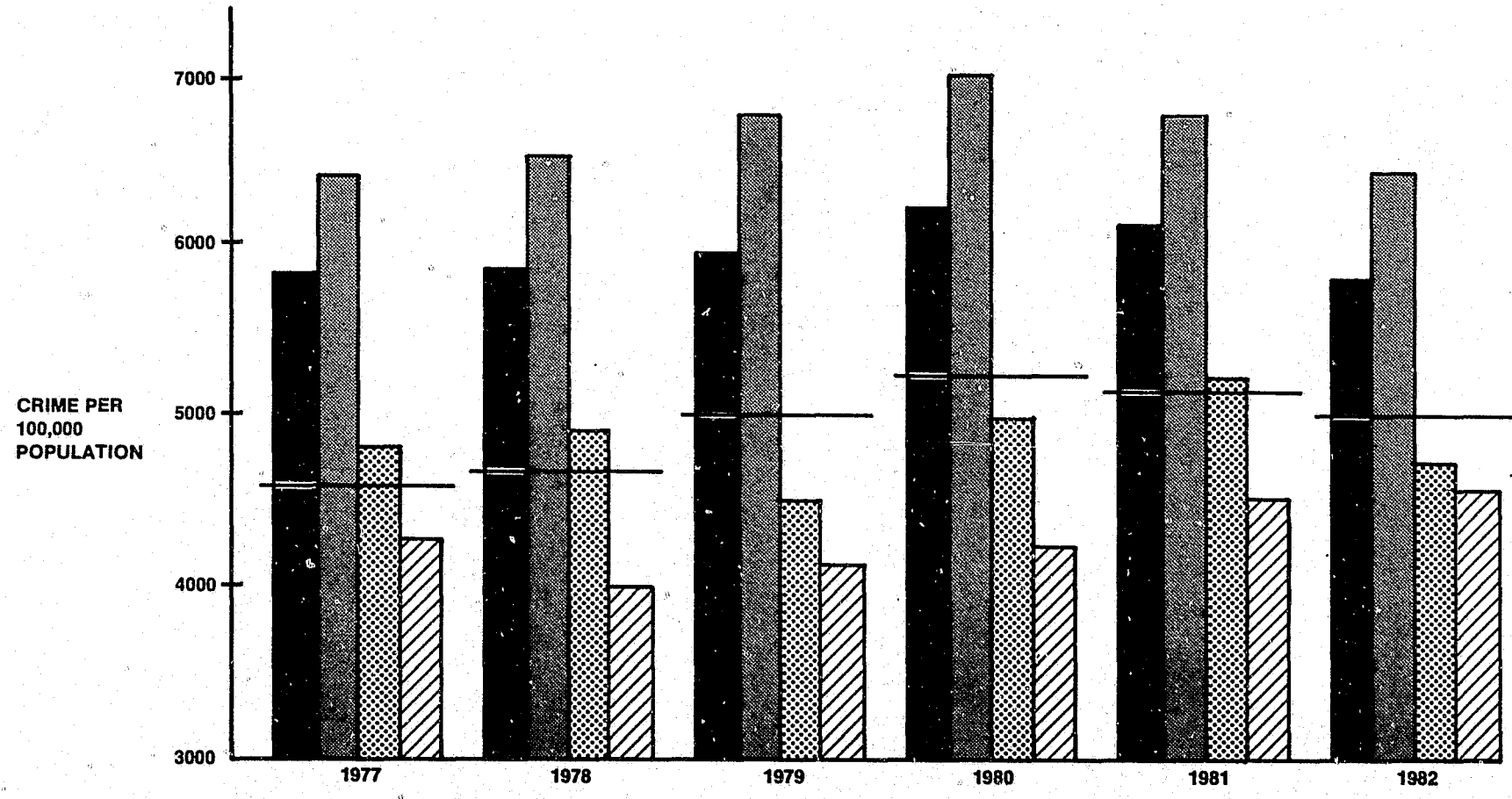
THE DELAWARE CRIME BIN 1982



VIOLENT CRIME RATES 1977 TO 1982



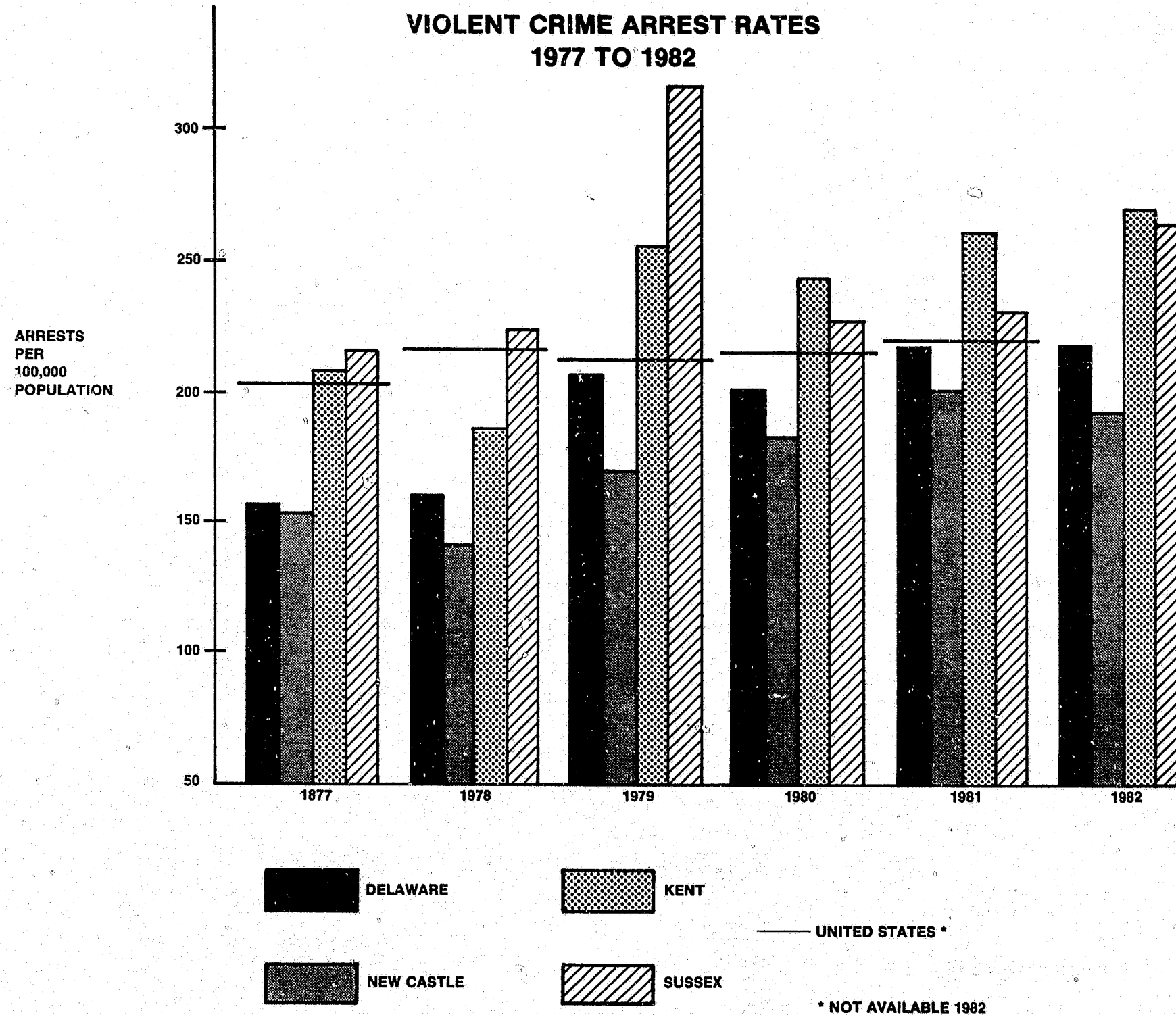
**PROPERTY CRIME RATES
1977 TO 1982**



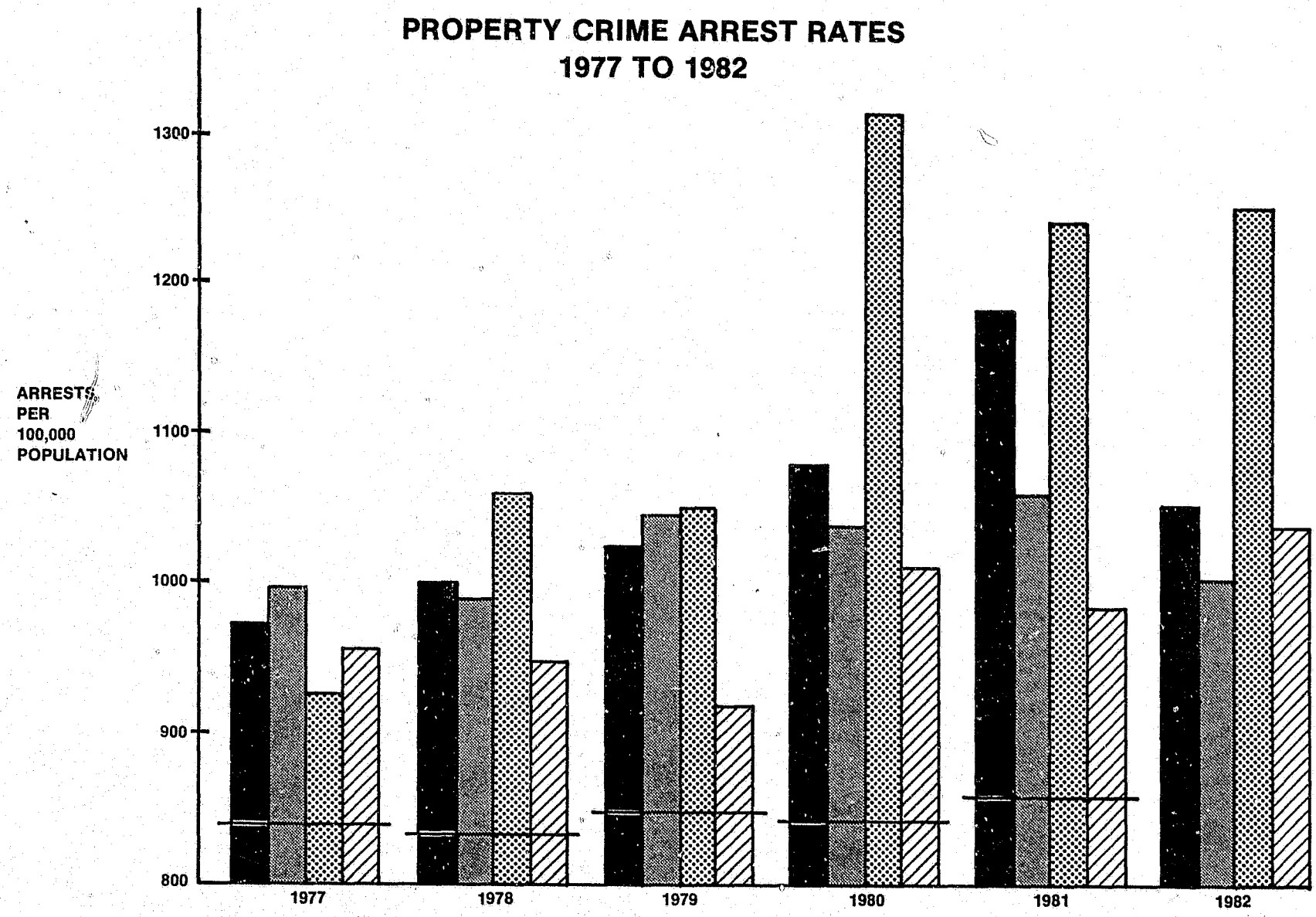
DELAWARE
 NEW CASTLE
 KENT
 SUSSEX
 UNITED STATES *

* ESTIMATED 1982

VIOLENT CRIME ARREST RATES 1977 TO 1982



**PROPERTY CRIME ARREST RATES
1977 TO 1982**



DELAWARE
 KENT
 NEW CASTLE
 SUSSEX

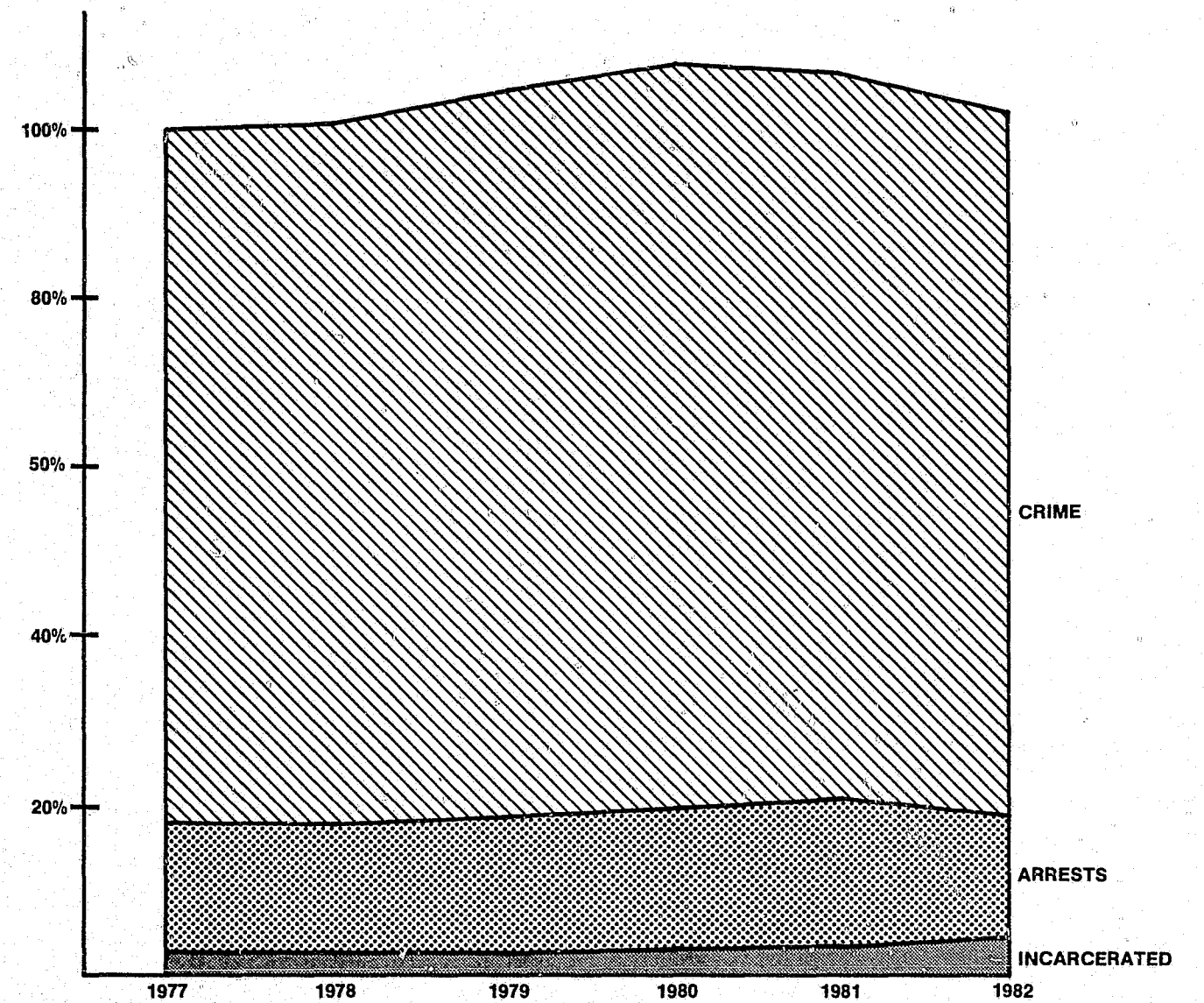
— UNITED STATES *
 * NOT AVAILABLE 1982

Arrests by Crime 1982

	<u>Adult</u>	<u>Juvenile</u>
Violent	1101	210
Murder	42	1
Rape	105	25
Robbery	220	75
Aggravated Assault	734	109
Property	4357	2013
Burglary	973	599
Larceny	3184	1322
Motor Vehicle Theft	200	92

Arrests By Year 1977 to 1982

<u>Year</u>	<u>Violent</u>		<u>Property</u>	
	<u>Adult</u>	<u>Juvenile</u>	<u>Adult</u>	<u>Juvenile</u>
1982	1101	210	4357	2013
1981	1059	232	4064	2380
1980	949	239	3994	2400
1979	927	267	3519	2437
1978	707	229	3351	2439
1977	691	234	3212	2428

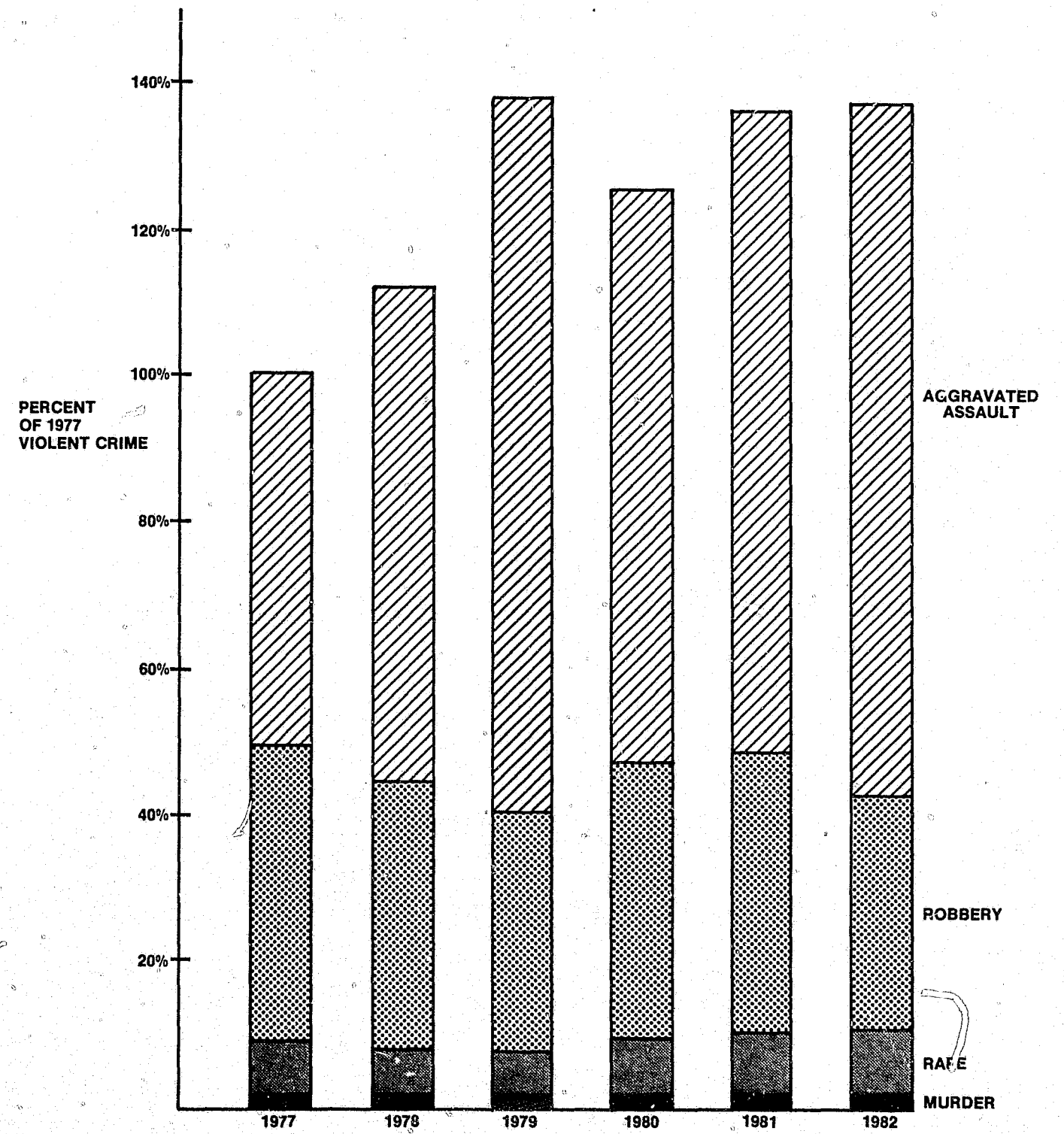


Above is a composite picture of Index Crime, Arrests and Incarceration in Delaware over the years 1977 to 1982.

The Graph shows the growth in the Index Crime rate, given 1977 = 100%. Arrest rates are depicted as a percent of Index Crime as are Incarceration rates.

The figure shows the magnitude of the crime problem and the relative response to crime by arrests and one sanction element, incarceration.

VIOLENT CRIME GROWTH AND COMPOSITION 1977 TO 1982



1977 = 100%

Violent Crimes by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	2041	524	473	3038
1981	2149	515	370	3034
1980	1874	510	408	2792
1979	2050	513	527	3090
1978	1648	442	411	2501
1977	1445	392	387	2224

Homicide Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	18	8	9	35
1981	28	7	5	40
1980	27	6	5	38
1979	22	5	7	34
1978	25	7	7	39
1977	24	6	8	38

Rape by Type and County 1982

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Forcible Rape	102	24	17	143
Attempted Rape	31	5	9	45

Rape Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	133	29	26	188
1981	116	29	24	169
1980	110	34	15	159
1979	108	32	15	155
1978	82	10	18	110
1977	94	20	29	143

Robbery By Type and County 1982

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Firearm	185	14	25	224
Knife/Cut Instrument	34	5	1	40
Other Danger. Weapon	84	10	5	99
Strong Arm	325	26	20	371

Robbery by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	628	55	51	734
1981	712	90	36	838
1980	710	62	43	815
1979	634	70	34	738
1978	705	70	44	819
1977	773	86	49	908

Aggravated Assault by Type and County 1982

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Firearm	219	49	60	328
Knife/Cut Instrument	264	67	90	421
Other Danger. Weapon	558	147	158	863
Strong Arm	221	169	79	469

Aggravated Assault Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	1262	432	387	2081
1981	1293	389	305	1987
1980	1027	408	345	1780
1979	1286	406	471	2163
1978	836	355	342	1533
1977	554	280	301	1135

Weapons Usage in Delaware for
Robbery and Aggravated Assault Offenses

	<u>1981</u>	<u>1982</u>	<u>% Change</u>
Firearm	569	552	-3.0
Knife/Cut Instrument	451	461	+2.2
Other Danger. Weapon	804	962	+19.7
Total	1824	1975	+8.3

Arrests for Weapons Usage
In Robbery and Aggravated Assault

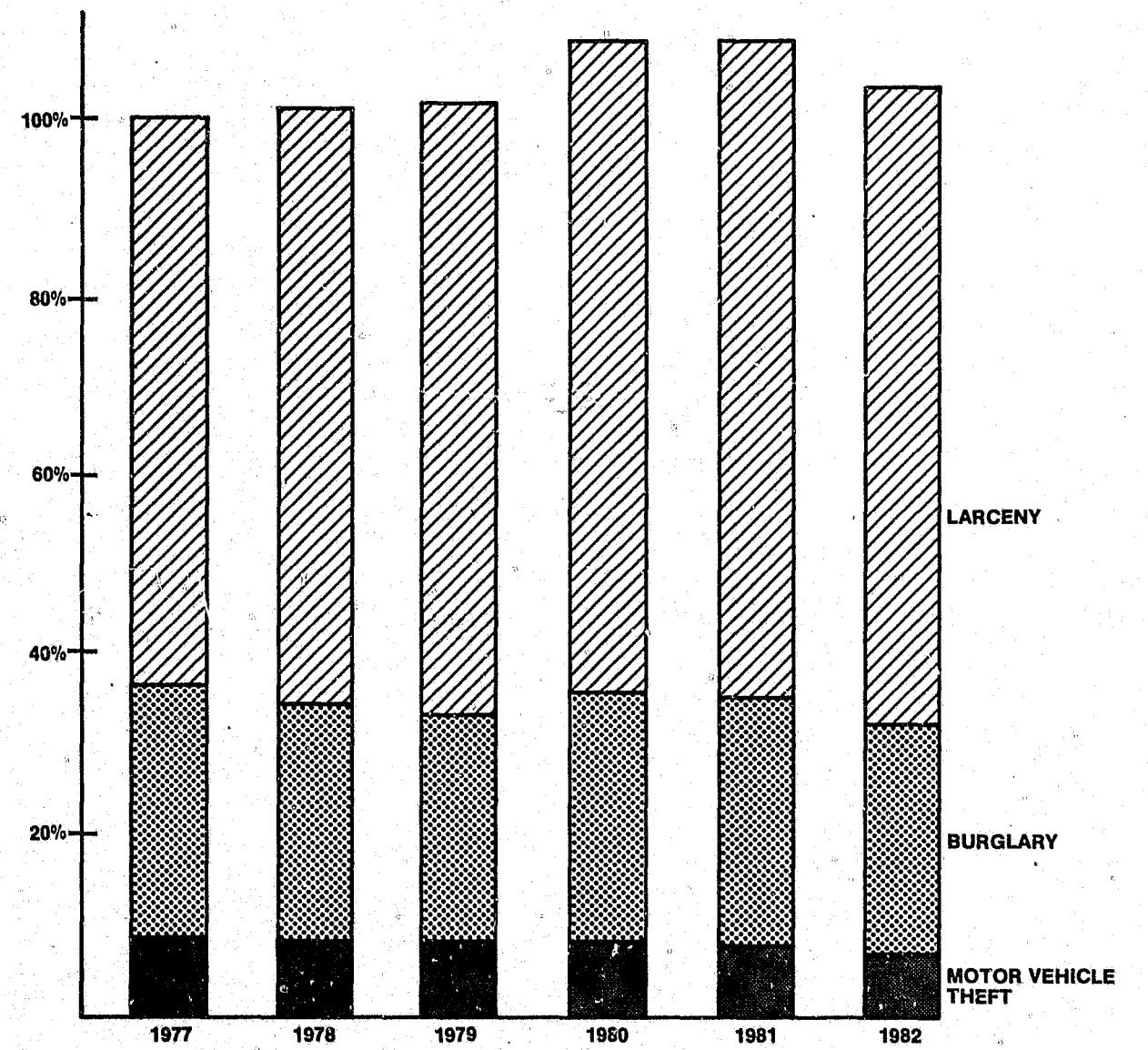
	<u>1981</u>	<u>1982</u>	<u>% Change</u>
Firearm	256	207	-19.1
Knife/Cut Instrument	198	194	-2.0
Other Danger. Weapon	261	368	+41.0
Total	715	769	+7.6

Firearm use in Delaware was down 3.0% for Robberies and Aggravated Assault over 1981 but remains higher than the 5 year average (1977-1981) of 522 per year.

Knife or Cutting Instrument use is most heavily seen in the crime of Assault. In Robbery and Assault use of a knife has increased by 2.2% and continues a general trend of growth in this type of offense. The 461 offenses recorded in 1982 is considerably greater than the 1977-1981 average of 379 per year.

The use of Other Dangerous Instruments in Assault and Robbery has increased heavily, continuing a six year trend. The 962 offenses in 1982 are far greater than the 5 year (1977-1981) average of 650 per year.

**PROPERTY CRIME
GROWTH AND COMPOSITION
1977 TO 1982**



1977 = 100%

Property Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	25955	4757	4586	35298
1981	27210	5184	4460	36854
1980	27850	4885	4130	36865
1979	26524	4386	3782	34692
1978	25885	4644	3591	34120
1977	25554	4506	3833	33893

Larceny Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	17456	3535	2993	23984
1981	17924	3727	1279	24686
1980	18382	3536	2701	24619
1979	17521	3113	2338	22972
1978	16603	3127	2194	21924
1977	16088	2978	2388	21454

Burglary by Type and County 1982

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Forced Entry	3937	717	999	5653
Non-forced Entry	1720	202	313	2235
Attempted Forced Entry	786	55	96	937

Burglary Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	6443	974	1408	8825
1981	7168	1165	1279	9612
1980	7185	1102	1246	9533
1979	6594	1026	1245	8865
1978	6825	1290	1239	9354
1977	7118	1305	1303	9726

Motor Vehicle Theft by Type and County 1982

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Autos	1680	167	118	1965
Trucks and Buses	148	26	21	195
Other Vehicles	228	55	46	329

Motor Vehicle Theft Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1982	2056	248	185	2489
1981	2078	292	186	2556
1980	2283	247	183	2713
1979	2409	247	199	2855
1978	2457	227	158	2842
1977	2348	142	223	2713

Stolen Property 1982

Over \$17,900,000 in property was reported stolen in Delaware in 1982, a 4.7 percent decrease from the amount in 1981.

*Robbery losses decreased by only 6.9%

*Burglary losses declined 22.8%

*Larceny losses rose in 1982 by 8.4%

*Automobile losses increased by 2.5%

Delaware

Value of Property Stolen 1982

<u>Crime</u>	<u>Number*</u>	<u>Percent Of Total</u>	<u>Amount Stolen</u>	<u>Percent Of Total</u>	<u>Average Per Event</u>
Robbery	732	2.0	\$ 339,237	1.9	\$ 463.44
Burglary	8,622	24.2	4,943,002	27.6	573.30
Larceny	23,871	66.9	5,674,840	31.6	237.73
Motor Vehicle Theft	2,475	6.9	6,977,417	38.9	2,819.16
	35,700	100.0	\$17,934,496	100.0	\$ 502.36

*The differences in totals reported here and earlier in this report are due to differences in how data is aggregated. These differences are not statistically significant.

Robbery

Robbery as a whole fell by 10.8% in 1982. While the distribution of Robbery types did not change in 1982, the amount stolen in Highway and Commercial incidents rose by 8.7% and 23.2% respectively. Residential losses declined by 65.7%, 1981 however was an unusually high year for Residential losses.

Delaware

Value of Property Stolen, Robbery

<u>Type</u>	<u>Number**</u>	<u>Percent Of Total</u>	<u>Amount Stolen</u>	<u>Percent Of Total</u>	<u>Amount Per Robbery</u>
Highway	443	60.5	\$144,671	42.6	\$ 326.57
Commercial	97	13.3	108,986	32.1	1,123.57
Residence	64	8.7	33,821	10.0	528.45
Chainstore	57	7.8	12,645	3.7	221.84
Gas Station	39	5.3	12,790	3.8	327.95
Miscellaneous	24	3.3	10,402	3.1	433.42
Bank	8	1.1	15,922*	3.7	1,990.25
	732	100.0	\$339,237	100.0	\$ 463.44

*Not Reported in 1981

Burglary

While there has been a 22.8% decline in Burglary losses in 1982 there has been no significant shift in the distribution of Burglary types either by target or time of day.

Where Business (non-residence) losses have remained fairly stable, up 4.8% over 1981, residential losses have declined by 32.9%.

Value of Property Stolen, Burglary

<u>Type</u>	<u>Number</u>	<u>% Of Total</u>	<u>Amount Stolen</u>	<u>% Of Total</u>	<u>Amount Per Burglary</u>
Residence	5733	66.5	\$3,146,719	63.7	\$ 548.88
Non-residence	2889	33.5	1,796,293	36.3	621.77
	8622	100.0	\$4,943,002	100.0	\$ 573.30
Night					
Residence	2152	25.0	\$ 986,069	19.9	\$ 458.21
Non-residence	1596	18.5	882,486	17.9	552.93
	3748	43.5	\$1,868,555	37.8	\$ 498.55
Day					
Residence	3263	37.8	\$2,024,530	41.0	\$ 620.45
Non-residence	1181	13.7	724,178	14.6	613.19
	4444	51.5	\$2,748,708	55.6	\$ 618.52
Unknown					
Residence	318	3.7	\$ 136,120	2.8	\$ 428.05
Non-residence	112	1.3	189,619	3.8	1,693.03
	430	5.0	\$ 325,739	6.6	\$ 757.54

Larceny

Larceny represents the largest single category of crime in Delaware, 62.8% of all crime index offenses in 1982. There were no significant changes in the distribution of larceny types in 1982.

Value of Property Stolen, Larceny

<u>Category</u>	<u>Number</u>	<u>Percent Of Total</u>	<u>Amount Stolen</u>	<u>Percent Of Total</u>	<u>Average Amount Stolen</u>
Under \$50	9,862	41.3	\$ 142,310	2.5	\$ 14.43
\$50 - \$200	7,954	33.3	820,270	41.5	103.13
Over \$200	6,055	25.4	4,712,260	83.0	778.24
	<u>23,871</u>	<u>100.0</u>	<u>\$5,647,840</u>	<u>100.0</u>	<u>\$237.73</u>

Kind of Larceny

<u>Type</u>	<u>Number</u>	<u>Percent Of Total</u>	<u>Amount Stolen</u>	<u>Percent Of Total</u>	<u>Amount Per Larceny</u>
Auto Parts	6,495	27.2	\$ 967,577	17.0	\$148.97
From Buildings	5,019	21.0	1,532,340	27.0	305.30
Others	4,922	20.6	1,893,600	33.4	384.72
Shoplifting	3,028	12.7	202,567	3.6	66.91
From Autos	2,828	11.8	875,364	15.5	309.53
Bicycles	1,313	5.5	176,364	3.1	134.53
Coin-Operated Machines	152	0.7	12,964	0.2	85.29
Purse Snatch	71	0.3	6,915	0.1	97.39
Pick-Pocket	43	0.2	6,868	0.1	159.72
	<u>23,871</u>	<u>100.0</u>	<u>\$5,674,840</u>	<u>100.0</u>	<u>\$237.73</u>

Type of Property Stolen/Recovered

The distribution of property stolen has remained stable with the exception of jewelry and precious metals which dropped from 18 to 11% of total property stolen. Approximately 24% of all stolen property was recovered in 1982. However, motor vehicles accounted for 68.4% of all recovered property (down from 79.1% last year).

<u>Type of Property</u>	<u>STOLEN</u>		<u>RECOVERED</u>		
	<u>Value</u>	<u>Percent of Total Stolen</u>	<u>Value</u>	<u>Percent Of Total Recovered</u>	<u>Percent Recovered</u>
Currency/Notes	\$ 1,950,910	10.9	\$ 372,868	8.5	19.1
Jewelry/Precious Metals	1,965,560	11.0	189,302	4.3	9.6
Clothing/Furs	527,694	2.9	129,643	3.0	24.6
Motor Vehicles	6,977,417	38.9	2,993,580	68.4	42.9
Office Equipment	100,331	0.6	3,369	0.1	3.4
TV/Radio/Stereo	1,923,210	10.7	108,787	2.5	5.7
Firearms	178,834	1.0	9,714	0.2	5.4
Household Goods	204,264	1.1	7,419	0.2	3.6
Consumable Goods	233,322	1.3	18,859	0.4	8.1
Livestock	11,225	.1	685	--	6.1
Miscellaneous	3,864,613	21.5	540,424	12.4	14.0
	<u>\$17,937,380*</u>	<u>100.0</u>	<u>\$4,374,650</u>	<u>100.0</u>	<u>24.4</u>
W/O Autos	\$10,959,963	61.1	\$1,381,070	31.6	12.6

*The difference between this total and the total losses in Table 1 is due to losses reported involved in the crimes of murder and rape which are not included in this analysis.

END