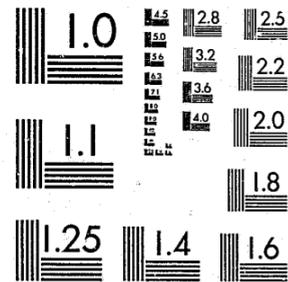


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CRIME IN DELAWARE

1981

AN ANALYSIS OF UNIFORM CRIME REPORT DATA



PREPARED BY THE
STATISTICAL ANALYSIS CENTER

DOVER, DELAWARE
APRIL, 1982

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CRIME IN DELAWARE

AN ANALYSIS OF
UNIFORM CRIME REPORT DATA

PREPARED BY THE
STATISTICAL ANALYSIS CENTER

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NCJRS

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CRIME IN DELAWARE 1981

Two widely used indicators of crime are the number of complaints reported to the police and the number of arrests made by the police.

This report compares the levels of these indicators, complaints, adult arrests and juvenile arrests, for 1981 to the levels experienced in the previous five years, 1976 through 1980.

The report focuses upon the seven major crime offenses which comprise the major crime index. These offenses are 1) Murder, 2) Rape, 3) Robbery, 4) Aggravated Assault, 5) Burglary, 6) Larceny and 7) Motor Vehicle Theft.

The comparisons of 1981 crime levels to 1976-80 levels will cover each offense and each category. For example, murder offenses, adult arrests for murder, and juvenile arrests for murder. The number of events experienced in each group for 1981 will be compared to the general "trend" or pattern of events which has occurred from 1976 through 1980. This trend is used to predict the number of occurrences we might have expected for 1981, by comparing the prediction to the actual events for 1981 we may determine if the trend is continuing or changing.

Each graph of an offense group depicts two lines. The line denoted by "+++" is the straight trend line and indicates the

general direction of events over time, either constant, upward or declining. The monthly average line depicted by "000" shows the average movement around the trend. Note this line is a smoothed average line and does not depict the actual number of events but only the general movements of events over time.

A problem which constantly occurs in any description of Delaware crime is the ability to express differences in crime occurrence, for example, Murder. Due to the relatively low number of occurrences in some categories an increase of only one or two events may precipitate a large relative, or percentage, increase. The reader should bear this in mind when making conclusions regarding the state of crime in Delaware and is cautioned to compare any relative change in crime occurrence with the number of events.

SYNOPSIS

Trends are based on average monthly events.

Trend

MURDER

Complaints. Murder complaints are stable at approximately 3 per month. This trend continued through 1981.

Adult Arrests. Adult Murder arrests have declined moderately over the years 1976-1980. Arrests for 1981 indicate a change towards more arrests.

Juvenile Arrests. Juvenile arrests for Murder are a rare occurrence in any month. Two arrests per year are expected annually. This trend continued in 1981.

RAPE

Complaints. Rape offenses have increased moderately over the years 1976-1980. Offenses reported in 1981 indicate a continuance of the increasing trend.

Adult Arrests. Arrests for Rape have experienced large increases from 1976 to 1980. Arrests in 1981 indicate a continuance of the rising trend.

Juvenile Arrests. Few Juveniles are arrested for Rape. The number of arrests from 1976-1980 has shown a relatively large increase. Arrests in 1981 continued this trend.

ROBBERY

Complaints. Robbery complaints showed a very slight decline from 1976 to 1980. Complaints for 1981 indicated a shift toward more offenses.

Adult Arrests. Adult arrests have been constant from 1976 to 1980. Arrests for 1981 remained at the constant level.

Juvenile Arrests. Juvenile arrests have declined slightly from 1976 to 1980. Arrests in 1981 continue to decline at the same rate.

Trend

AGGRAVATED ASSAULT

Complaints. Aggravated Assaults climbed steadily for a very large increase from 1976 to 1980. Complaints for 1981 deviate from the increasing trend and suggest stabilization. This is partially due to a change in the definition of Aggravated Assaults which occurred in 1979.

Adult Arrests. Arrests for Aggravated Assaults have shown a large increase from 1976 to 1980. Arrests for 1981 indicate this trend is continuing.

Juvenile Arrests. Juvenile arrests have shown a large steady growth from 1976 to 1980. Arrests in 1980 indicate a shift in this trend toward fewer juvenile arrests per month.

TOTAL VIOLENT CRIME. Violent Crime is the Composite of Murder, Rape, Robbery and Aggravated Assault.

Complaints. Complaints for Violent Offenses have indicated a large increase from 1976 to 1980. Reported offenses in 1981 deviate from this trend and appear to be leveling.

Adult Arrests. Arrests for Violent Crime has shown a large increase from 1976 to 1980. Arrests in 1981 indicated a continuation of this growth.

Juvenile Arrests. Juvenile Arrests have shown a moderate increase from 1976 to 1980. Arrests for 1981 are significantly fewer than the 1976-1980 trend.

BURGLARY

Complaints. Burglary Complaints have been constant from 1976 to 1980. Reported offenses in 1981 have shifted toward more offenses however.

Adult Arrests. Adult Arrests indicated a relatively large increase from 1976 to 1980. Arrests for 1981 indicate a continuing increase at the same rate.

Juvenile Arrests. Juvenile Arrests are constant from 1976 to 1980. Arrests in 1981 remained at the constant level.

Trend

LARCENY

Complaints. Larceny Complaints have shown very slight growth from 1976 to 1980. Reported Offenses in 1981 indicate a continuance of the growth.

Adult Arrests. Arrests for Larceny shows slight growth from 1976 to 1980. Arrests in 1981 indicate a continuation of the increasing trend.

Juvenile Arrests. The number of juvenile arrests for Larceny has declined very slightly over the years 1976-1980. Arrests in 1981 indicate an increase in arrests contrary to the trend.

MOTOR VEHICLE THEFT

Complaints. The number of Motor Vehicle Thefts has shown only a very slight increase for 1976 to 1980. Complaints for 1981 shifted toward fewer offenses.

Adult Arrests. Arrests for Motor Vehicle Theft are constant. Arrests for 1981 remained at the constant level.

Juvenile Arrests. Arrests of juveniles have remained stable from 1976 to 1980. Arrests for 1981 have shifted toward fewer arrests.

TOTAL PROPERTY CRIME. The composite of Burglary, Larceny and Motor Vehicle Theft.

Complaints. Reported offenses have shown steady growth at a very slight rate from 1976 to 1980. Complaints in 1981 indicated a continuation of the growth.

Adult Arrests. Property Crime Arrests have shown a very steady moderate growth from 1976 to 1980. Arrests in 1981 indicated a continuation of this growth.

Juvenile Arrests. Juvenile Arrests have shown a tendency to decline very slightly from 1976 to 1980. Arrests for 1981 indicated a continuation of the decline.

COMPLAINTS

For 1981 there were a total of 39,888 Crime Index Offenses reported to the police statewide. Table 1.1 is a comparison between offenses in 1981 and the average yearly number of offenses by category for 1976 to 1980.

	<u>Offense</u>		<u>5 Year Average 1976-80</u>
Violent	Murder	40	37
	Rape	169	133
	Robbery	838	809
	Aggravated Assault	1,987	1,523
Property	Burglary	9,612	9,299
	Larceny	24,686	22,793
	Motor Vehicle Theft	2,556	2,792
Table 1.1		39,888	37,386

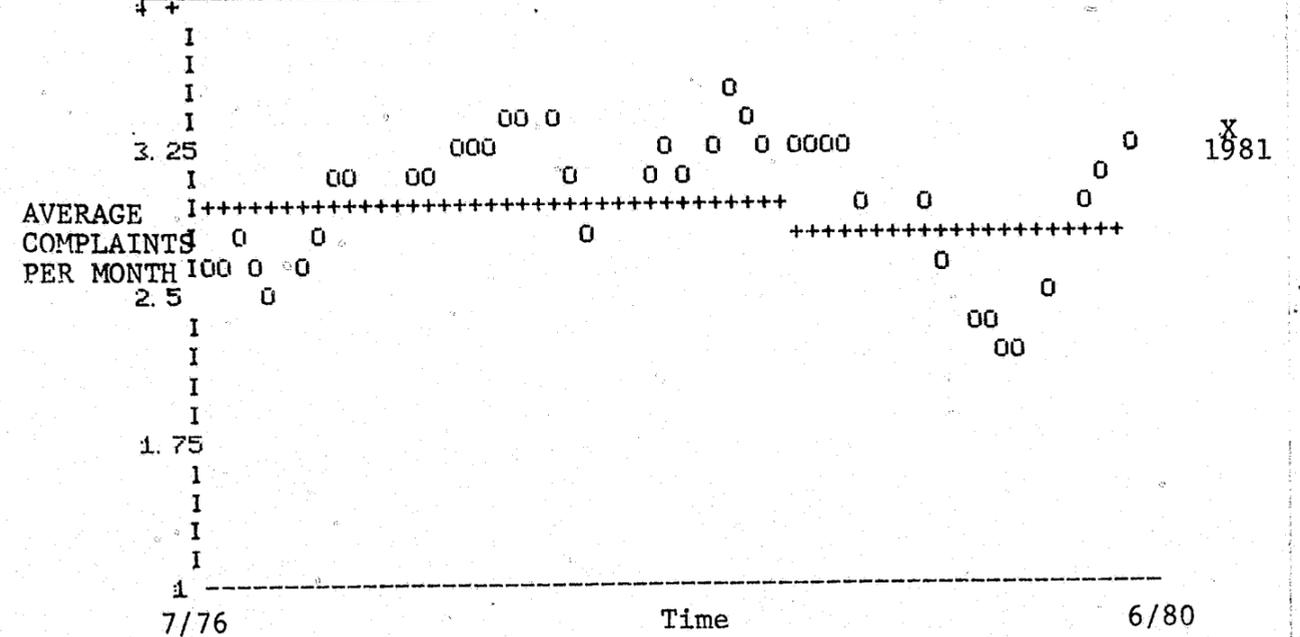
The composition of total index offenses has changed little in 1981 when compared to the preceding five years. Figure 1 shows the percent of total index crime accounted for by each offense for the years 1976-1980. Figure 2 shows the percent of total index crime accounted for by each offense category for 1981.

Homicide Offenses by Year & County

Year	New Castle	Kent	Sussex	Statewide
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
1976	23	5	8	36

Table 3

MURDER COMPLAINTS



MURDER OFFENSE TREND. THE TREND HAS REMAINED STABLE AT A RATE OF 3 PER MONTH. OFFENSES FOR 1981 HAVE NOT DEVIATED FROM THIS TREND

Figure 3

Murder

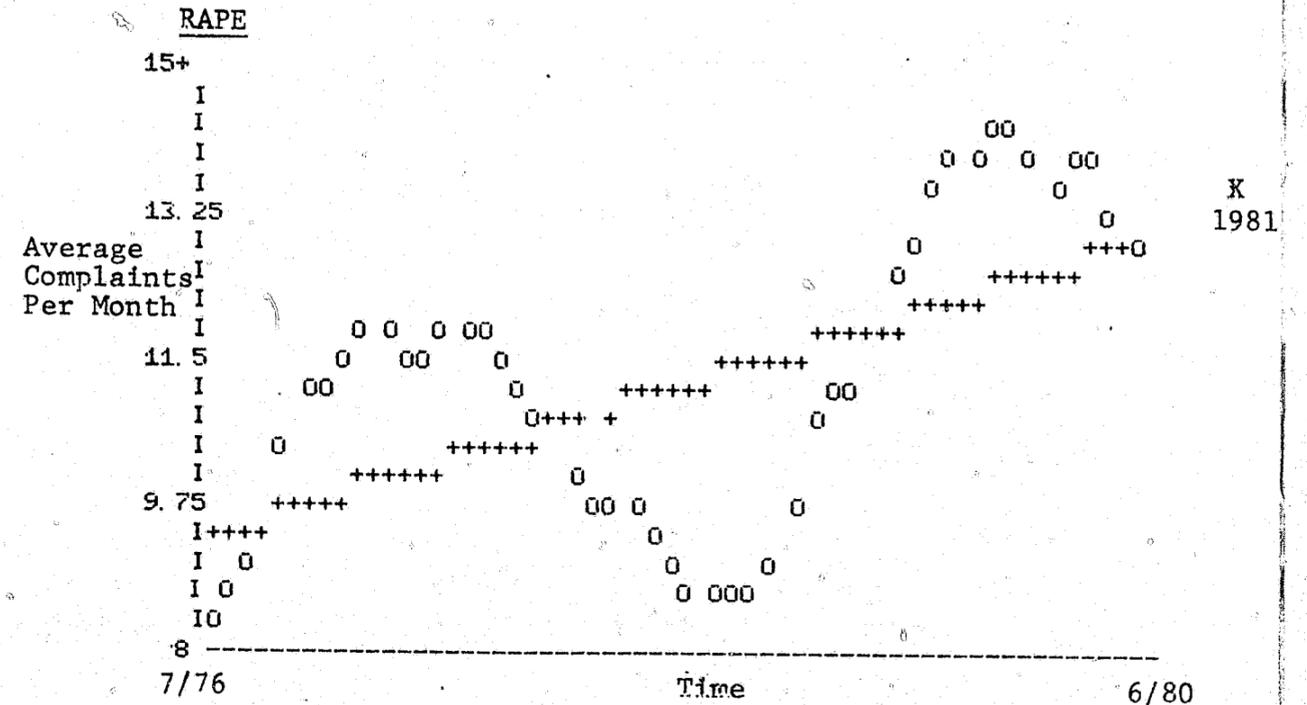
1981 saw a total of 40 Homicide offenses reported in Delaware, compared to the five year average of 37. The trend for Murder offenses is shown in the graph, Figure 3. This graph shows the trend for Murder to be stable at approximately 3 offenses per month for the five year period, with a movement around the trend varying from 2 to 4 offenses per month. The monthly offense average for 1981 is indicated by the "X" on the plot. The comparison between the predicted number of Murder offenses for 1981 and the actual number of offenses revealed no statistically significant departure from the trend.

<u>Rape by Type & County 1981</u>				
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Forcible Rape	93	25	23	141
Attempted Rape	23	4	1	28

Table 4.1

<u>Rape Offenses by Year & County</u>				
<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
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
1976	67	18	14	99

Table 4.2



RAPE OFFENSE TREND. TREND INCREASES FROM 9 COMPLAINTS PER MONTH FOR 1976 TO 13 COMPLAINTS PER MONTH IN 1980. 1981 FIGURES SHOWED NO DEVIATION FROM THIS TREND

Figure 4

Rape

There were 169 Rape complaints in 1981, compared to a 5 year average of 133. The trend for Rape complaints is shown in Figure 4. This trend shows a steady growth in Rape offenses, at the rate of only one more offense per year. The comparison between the trend prediction of an average of 14 Rape offenses per month and the actual average of 14 per months shows no deviation from the 5 year trend.

Robbery by Type and County 1981

	New Castle	Kent	Sussex	State
Firearm	160	37	12	209
Knife Cut/Instrument	44	4	4	52
Other Danger. Weapon	94	9	4	107
Strong Arm	414	40	16	470

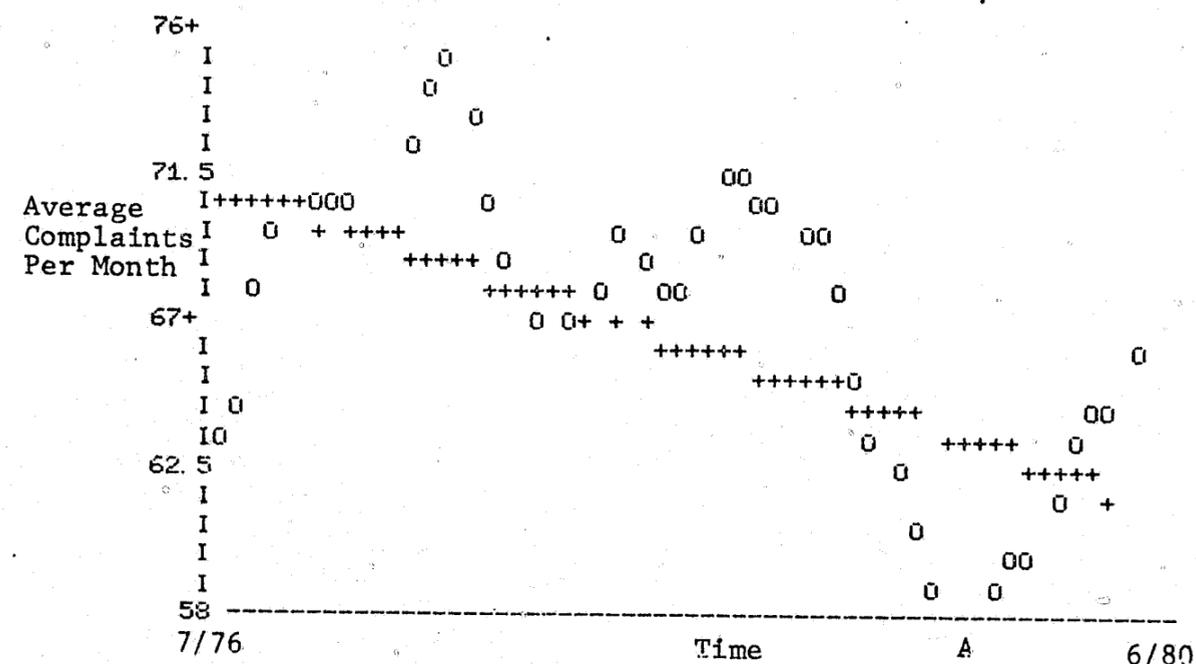
Table 5.1

Robbery by Year and County

Year	New Castle	Kent	Sussex	Statewide
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
1976	649	64	52	765

Table 5.2

ROBBERY



ROBBERY OFFENSE TREND. ROBBERY SHOWS A SLIGHT DECLINE FROM 71 COMPLAINTS PER MONTH IN 1976 TO 63 COMPLAINTS IN 1980. 1981 ROBBERY OFFENSES DEVIATED SIGNIFICANTLY FROM THIS TREND, TOWARD MORE OFFENSES.

Figure 5

Robbery

There were 838 reported Robberies in Delaware in 1981, an average of 70 per month, compared to the 5 year yearly average of 809 or 67 per month. Figure 5 is the trend of Robbery complaints over the years 1976-1980. It shows a slightly decreasing slope, at the rate of approximately 2.4 complaints per year. The movement of Robbery complaints around the trend suggest a varying cycle of complaints from a maximum average of 76 per month to a low of 58. The comparison of the trend prediction of an average of 60 complaints per month versus the actual of 70 complaints per month indicates a significant deviation from the trend and suggests a continuation of the short term upward movement noted in the last 9 months of the graph, despite the long range trend of a slight decrease. (Point A)

Aggravated Assault by Type & County 1981

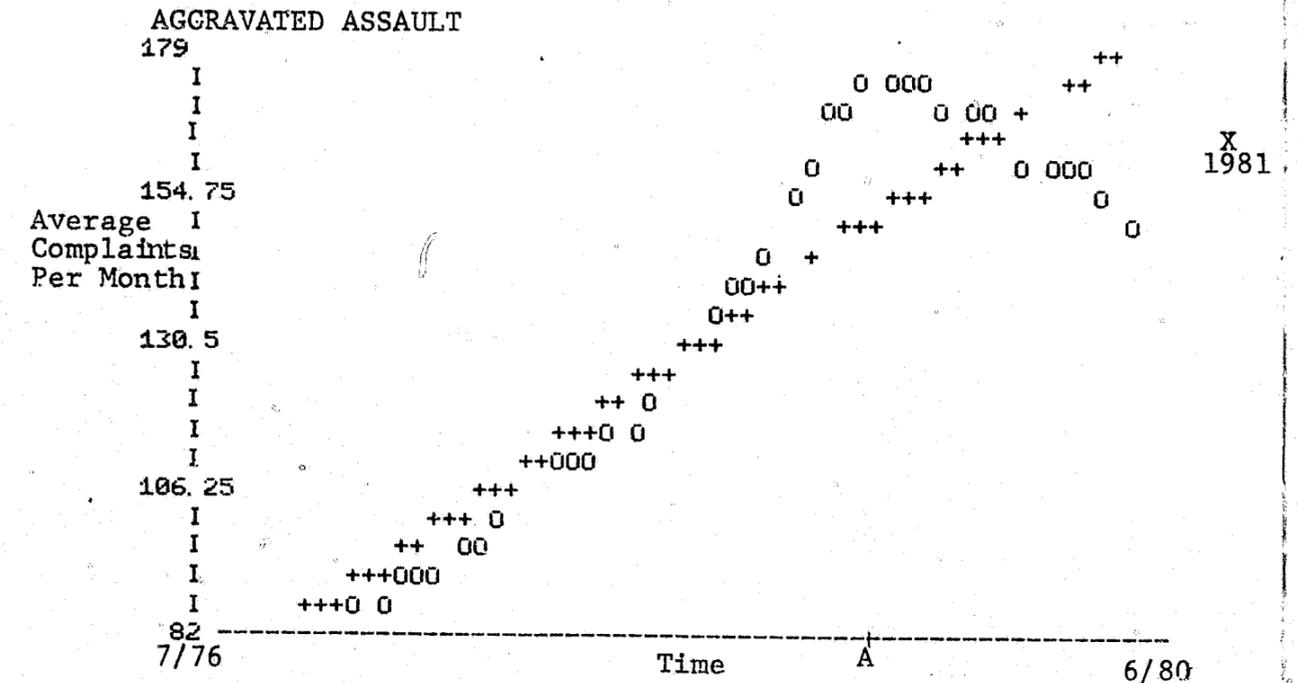
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>State</u>
Firearm	231	57	72	360
Knife Cut/Instrument	267	63	69	399
Other Danger. Instr.	482	126	89	697
Hands, Fists, Feet	313	143	75	531

Table 6.1

Aggravated Assault Offenses by Year & County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
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
1976	535	201	269	1005

Table 6.2



AGGRAVATED ASSAULT TREND. THIS TREND INCREASES FROM 82 COMPLAINTS PER MONTH IN 1976 TO 178 IN 1980. COMPLAINTS FOR 1981 SHOWS A SIGNIFICANT DEVIATION FROM THIS TREND.

Figure 6

Aggravated Assault

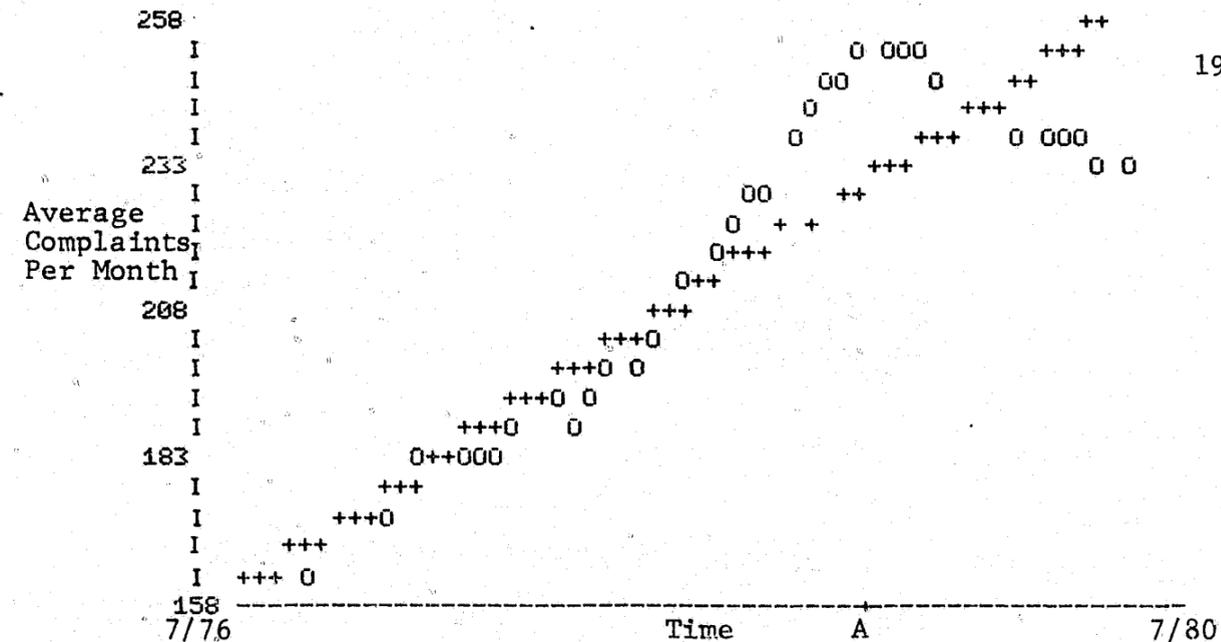
There were 1,987 reported Aggravated Assaults in Delaware in 1981, an average of 166 per month, compared to the yearly average of 1,523 and monthly average of 127 noted from 1976 to 1980. Figure 6 is the graph of the trend of Aggravated Assaults and shows a steady growth over the past five years at a rate of 2.3 complaints per month or 28 per year. The comparison of the predicted offenses for 1981 of an average of 290 offenses per month and the actual rate of 245 per month indicates a significant deviation from the established trend, and suggests a new trend may be evolving from approximately 1979 onward. (Point A). However, known reporting variations in 1979 may have resulted in significant overreporting of Aggravated Assaults and the short term decline may be spurious.

Violent Crimes by Year & County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
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
1976	1274	288	343	1905

Table 7

VIOLENT CRIMES



VIOLENT CRIME OFFENSE TREND. THE TREND INCREASES FROM 160 COMPLAINTS PER MONTH IN 1976 TO 264 IN 1980. OFFENSES FOR 1981 DEVIATE FROM THIS TREND.

Figure 7

Total Violent Complaints

Combining all categories of Violent Crime, (Murder, Rape, Robbery and Aggravated Assault), we find that there were 3034 reported violent offenses in Delaware for 1981, an average of 253 per month compared to a monthly average of 208.5 for the period 1976-1980.

As shown in Figure 7, the trend of violent complaints has been increasing over the past five years at a rate of 26 more complaints each year. (Notice that this pattern closely approximates the trend for Aggravated Assaults). The comparison between the predicted number of violent complaints, of an average of 290 per month for 1981 and the actual of 253 per month results in a significant deviation from the trend, and suggests a new trend which may be resulting in lower overall violent offenses, continuing a trend shift which started approximately July 1979 (Point A).

Burglary by Type and County 1981

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>State</u>
Forced Entry	4642	886	943	6471
Non-forced Entry	1766	221	254	2241
Attempted Forced Entry	760	58	82	900

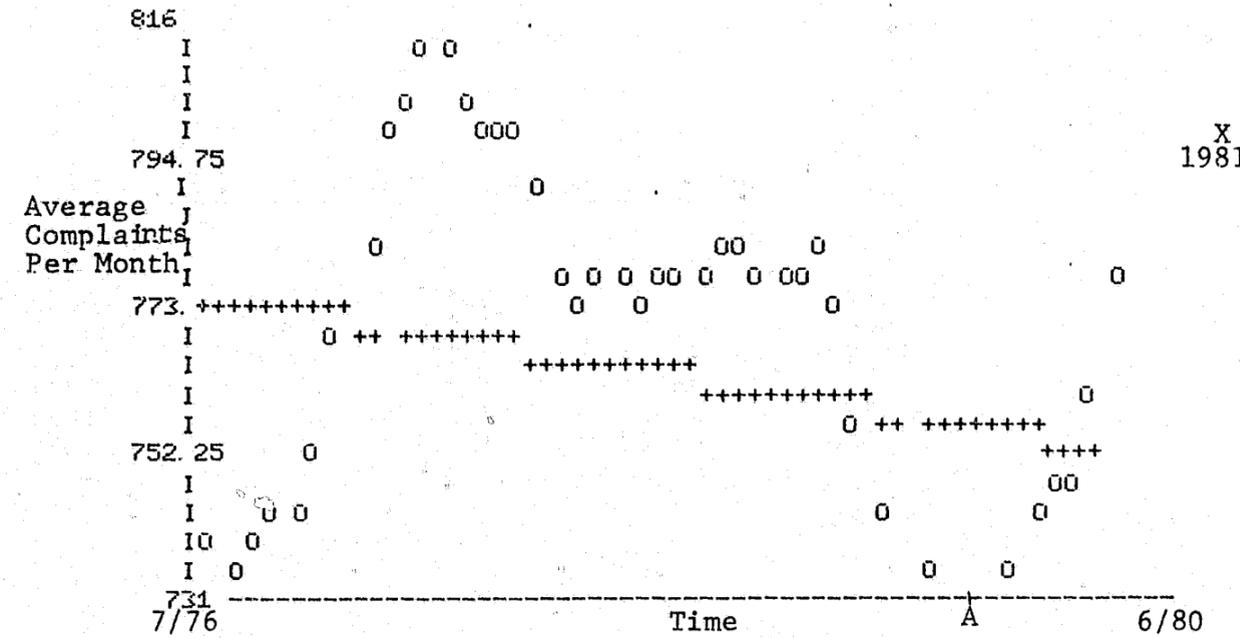
Table 8.1

Burglary Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
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
1976	6728	1157	1131	9016

Table 8.2

BURGLARY



X
1981

BURGLARY OFFENSE TREND. THE TREND HAS SHOWN A SLIGHT DECLINE FROM AN AVERAGE OF 773 COMPLAINTS IN 1976 TO A MONTHLY AVERAGE OF 757 COMPLAINTS IN 1980. OFFENSES FOR 1981 HAVE DEVIATED FROM THIS TREND TOWARD MORE OFFENSES.

Figure 8

Burglary

In 1981 there were 9612 Burglary offenses reported in the State of Delaware for an average of 801 per month compared to the monthly average of 775 for the 1976-1980 period.

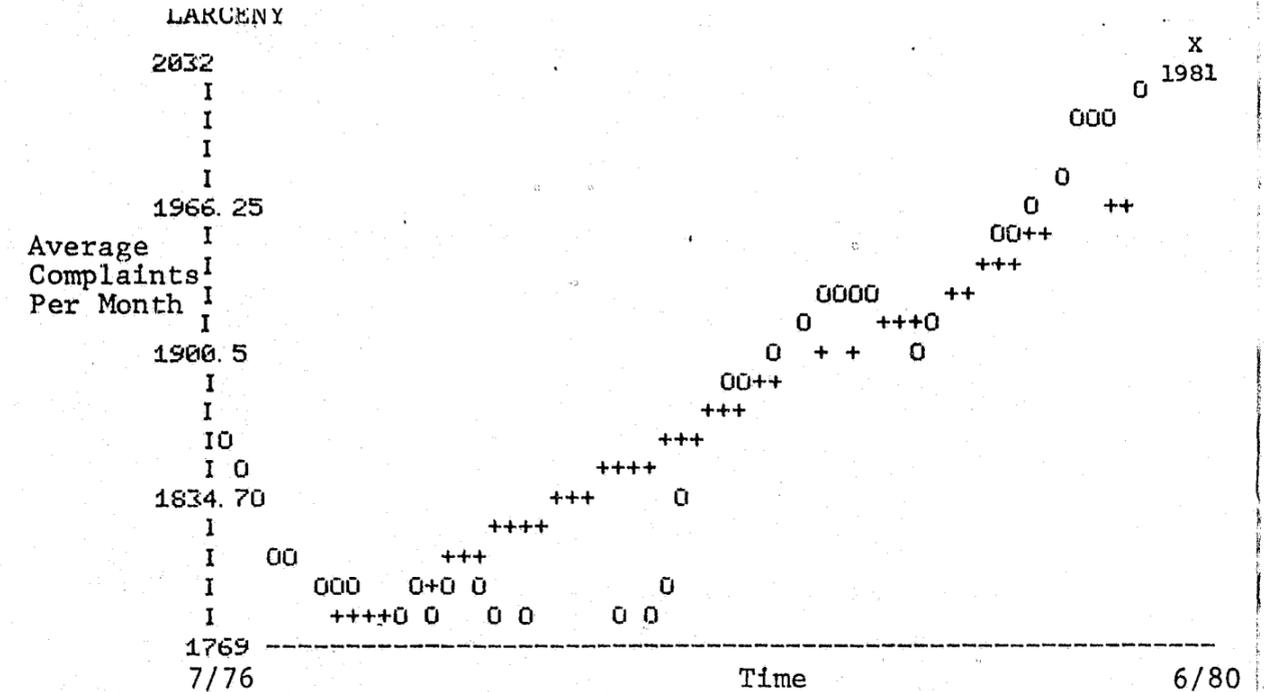
The five year trend for Burglary offenses shown in Figure 8 indicates a decreasing trend at a rate of approximately 6 Burglaries per year,

The predicted average of 750 offenses per month from this trend versus an actual of 801 offenses for 1981 shows a significant deviation from the trend. This deviation follows the upward curve of the average line (000) beginning around November 1979 (Point A).

Larceny Offenses by Year and County

Year	New Castle	Kent	Sussex	Statewide
1981	17964	3727	1279	24686
1980	18382	3536	2701	24619
1979	17521	3113	2338	22972
1978	16603	3127	2194	21924
1977	16088	2978	2388	21454
1976	17608	1157	1131	22994

Table 9



LARCENY OFFENSE TREND. THE TREND HAS SHOWN A STEADY GROWTH FROM AN AVERAGE OF 1759 OFFENSES PER MONTH IN 1976 TO 1996 COMPLAINTS IN 1980. THE OFFENSES FOR 1981 HAVE SHOWN NO DEVIATION FROM THIS TREND.

Figure 9

Larceny

For 1981 there were 24,686 Larceny offenses reported statewide. This is an average of 2,057 per month compared to the monthly average of 1,899 for the five years 1976-1980.

The trend for Larceny has been toward steady growth particularly in the last three years of the trend. This growth has been at a rate of 4.7 more Larceny offenses per month.

The comparison between the predicted monthly average offenses of 2,044 per month and the actual number experienced in 1981 of 2,057 indicates no significant shift from the trend of increasing Larceny offenses.

Motor Vehicle Theft by Type and County 1981

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>State</u>
Autos	1739	185	115	2039
Trucks & Buses	158	43	24	225
Other Vehicles	181	64	47	292

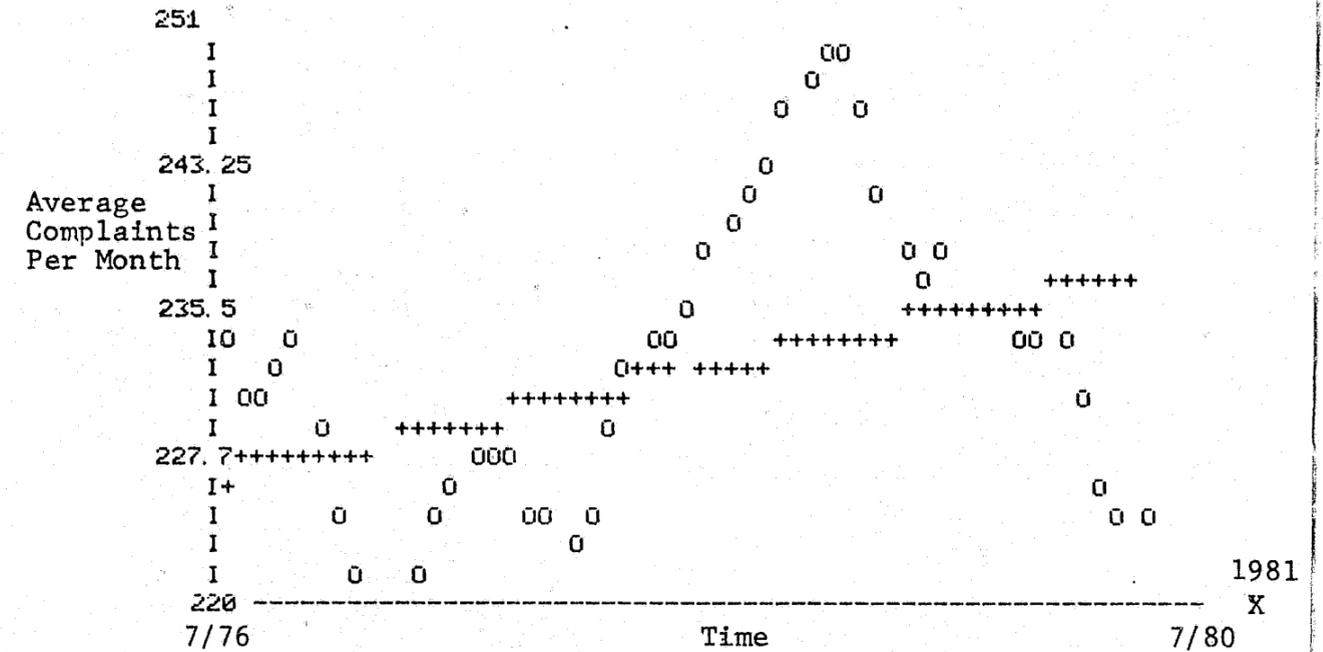
Table 10.1

Motor Vehicle Theft Offenses by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
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
1976	2507	192	139	2838

Table 10.1

MOTOR VEHICLE THEFT

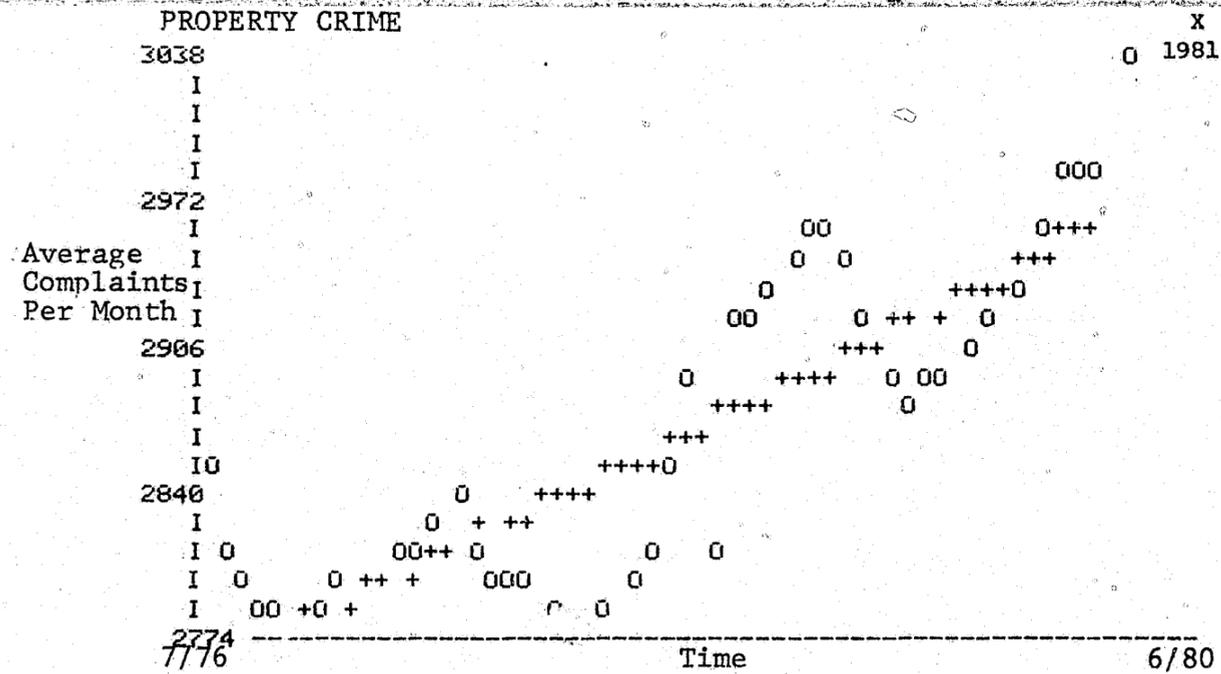


MOTOR VEHICLE THEFT OFFENSE TREND. THE TREND HAS SHOWN A SLIGHT INCREASE FROM A MONTHLY AVERAGE OF 227 COMPLAINTS IN 1976 TO 237 COMPLAINTS IN 1980. OFFENSES FOR 1981 INDICATED A SIGNIFICANT DEVIATION FROM THIS TREND TOWARD FEWER OFFENSES.

Figure 10

Motor Vehicle Theft

There were 2556 Motor Vehicle Thefts reported Statewide in 1981 compared to a yearly average of 2792 for the years 1976-1980. The trend established for Motor Vehicle Thefts indicates a moderately increasing trend rising at a rate of 2.7 offenses per year. The predicted monthly average from this trend was 242 Motor Vehicle Thefts per month in contrast to the actual average of 213. This was a significant deviation from the trend toward fewer offenses, and is a continuation of the average line (000) which has declined since February 1979 (Point A).



PROPERTY CRIME COMPLAINTS TREND. THE TREND HAS BEEN INCREASING FROM AN AVERAGE OF 2769 OFFENSES IN 1976 TO 2980 OFFENSES PER MONTH IN 1980. 1981 DATA INDICATES A CONTINUATION OF THE TREND.

Figure 11

Total Property Offenses

Total offenses for all property crime amounted to 36,854 for 1981, for an average of 3071 per month compared to the average of 2907 for the five preceding years.

The trend (Figure 11) for all property crime has been a steadily increasing one, at a rate of 4.4 more reported offenses per month. This trend predicted an average of 3035 property crimes per month for 1981 compared to the actual average of 3071. There was no deviation from the trend for 1981.

Property Offenses by Year and County

Year	New Castle	Kent	Sussex	Statewide
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
1976	26843	4372	3633	34848

Table 11

ADULT ARRESTS

There were a total of 5,123 adult arrests for crime index offenses statewide in 1981. Table 11.3 is a comparison between adult arrests in 1981 and the average yearly number of arrests for each category for the five years 1976 through 1980.

	Offense	1981	5 Year Average 1976-1980
Violent	Murder	35	32
	Rape	72	51
	Robbery	209	182
	Aggravated Assault	743	522
			1059
Property	Burglary	873	675
	Larceny	2978	2584
	Motor Vehicle Theft	213	198
			4064
Total		5123	4244

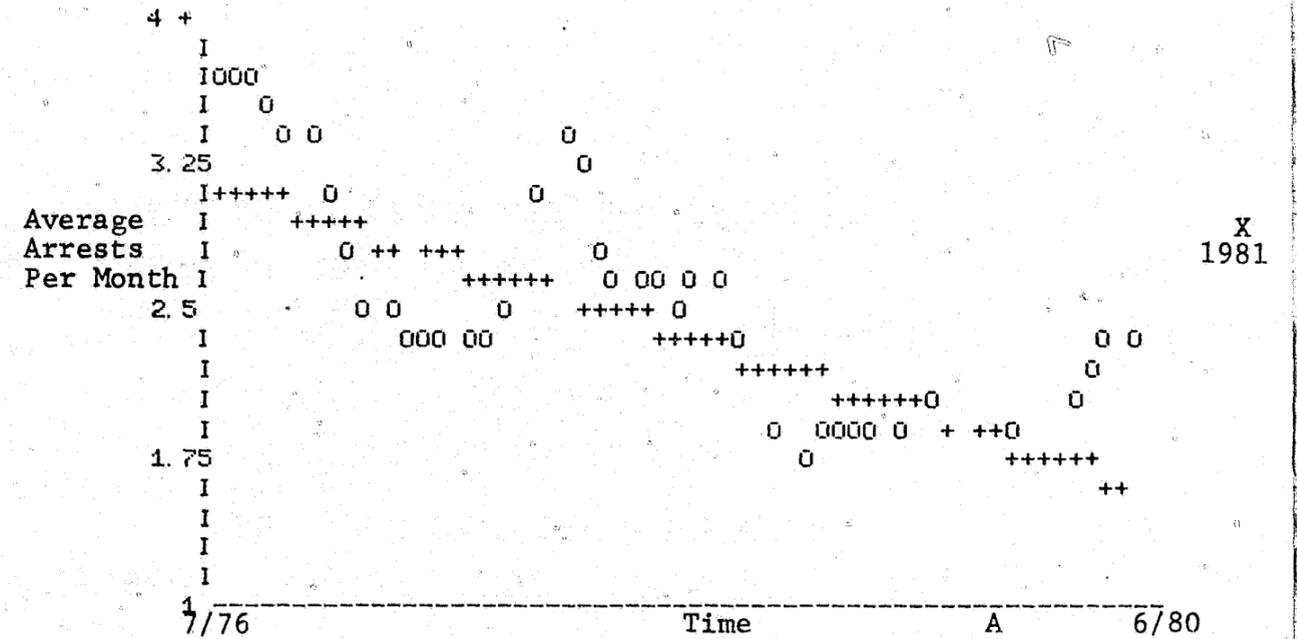
Table 11.3

The composition of adult arrests for index offenses has for 1981 undergone slight alteration in comparison to the 1976-1980 time period. Figure 12 and Table 12 are the representation of the percent of all adult arrests by each category for the years 1976 through 1980. Figure 13 and Table 13 represent the composition of adult arrests for 1981. Where arrests for Murder, Rape, Robbery and Motor Vehicle Theft have remained constant for 1981, there has been a shift toward more Aggravated Assault and Burglary arrests and fewer Larceny arrests.

Adult Homicide Arrests by Year and County

Year	New Castle	Kent	Sussex	Statewide
1981	24	5	6	35
1980	23	4	3	30
1979	13	5	6	24
1978	23	4	5	32
1977	16	3	9	28
1976	30	3	12	45

Table 14



ADULT ARREST TREND, MURDER. THE TREND HAS DECLINED FROM 3 ARRESTS PER MONTH IN 1976 TO 1.75 ARRESTS PER MONTH IN 1980. 1981 ARRESTS INDICATE AN UPWARD SHIFT AWAY FROM THE TREND.

Figure 14

Murder

There were 35 adult arrests for Murder in Delaware during 1981, an average of 2.9 per month. The average number of arrests per month for the 5 years preceeding 1981 was 2.6.

The trend of adult Homicide arrests from 1976 to 1980 has been declining slightly at a low rate of only 1 arrest every 3 years. The predicted average monthly arrests for 1981 was 1.3 arrests per month. The experienced average of 2.9 was a significant shift from this trend toward more arrests, continuing the upswing noticed in the average line (000) which begins approximately January 1980. (Point A)

1981 Adult Arrests for Rape by Type and County

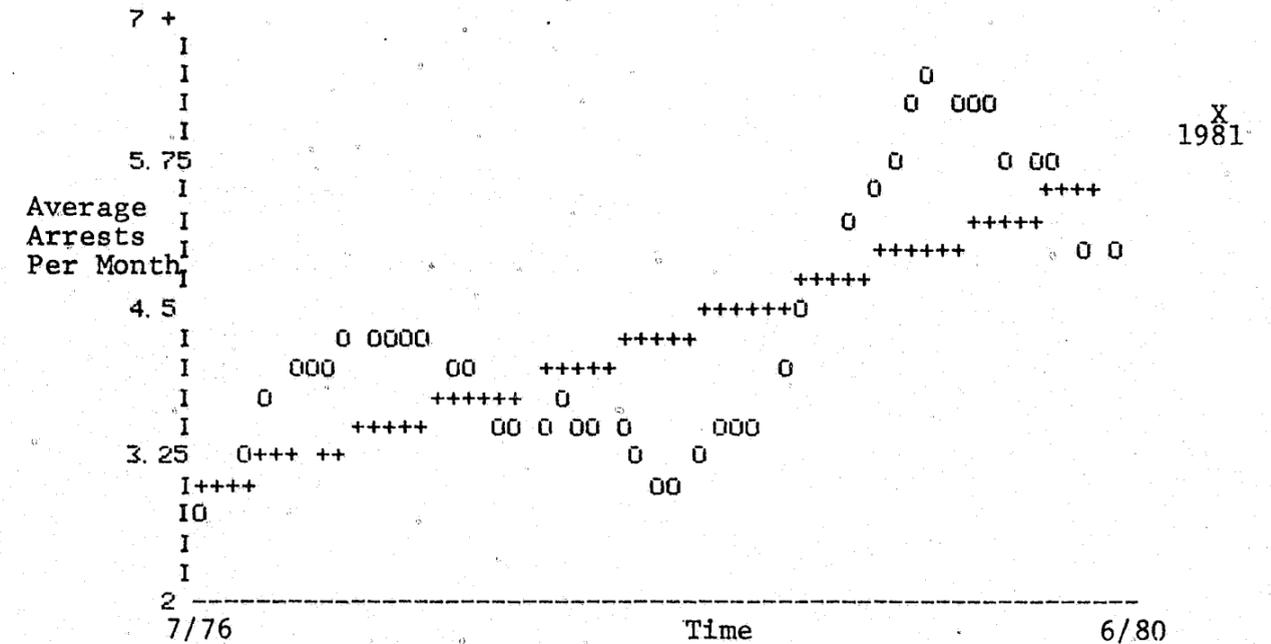
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>State</u>
Forcible Rape	51	7	0	68
Attempted Rape	4	0	0	4

Table 15.1

Adult Rape Arrests by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	55	7	10	72
1980	46	7	9	62
1979	38	16	13	67
1978	26	5	8	39
1977	38	6	9	53
1976	21	4	8	33

Table 15.2



ADULT ARREST TREND, RAPE. THE RAPE TREND HAS BEEN INCREASING AT A SLOW RATE. ARRESTS FOR 1981 INDICATE NO DEVIATION FROM THIS TREND.

Figure 15

Rape

Seventy-two adults were arrested for Rape statewide in 1981, an average of 6 per month. The five year average from 1976 to 1980 was 4.2 Adult Arrests per month.

The trend of Rape arrests for adults has increased from 3 arrests per month to 5.8 adult arrests per month. The predicted number of arrests from the trend of 6.5 arrests per month when compared to the actual rate of 6 per month indicated no statistically significant deviation from the trend.

1981 Adult Arrests for Robbery by Type

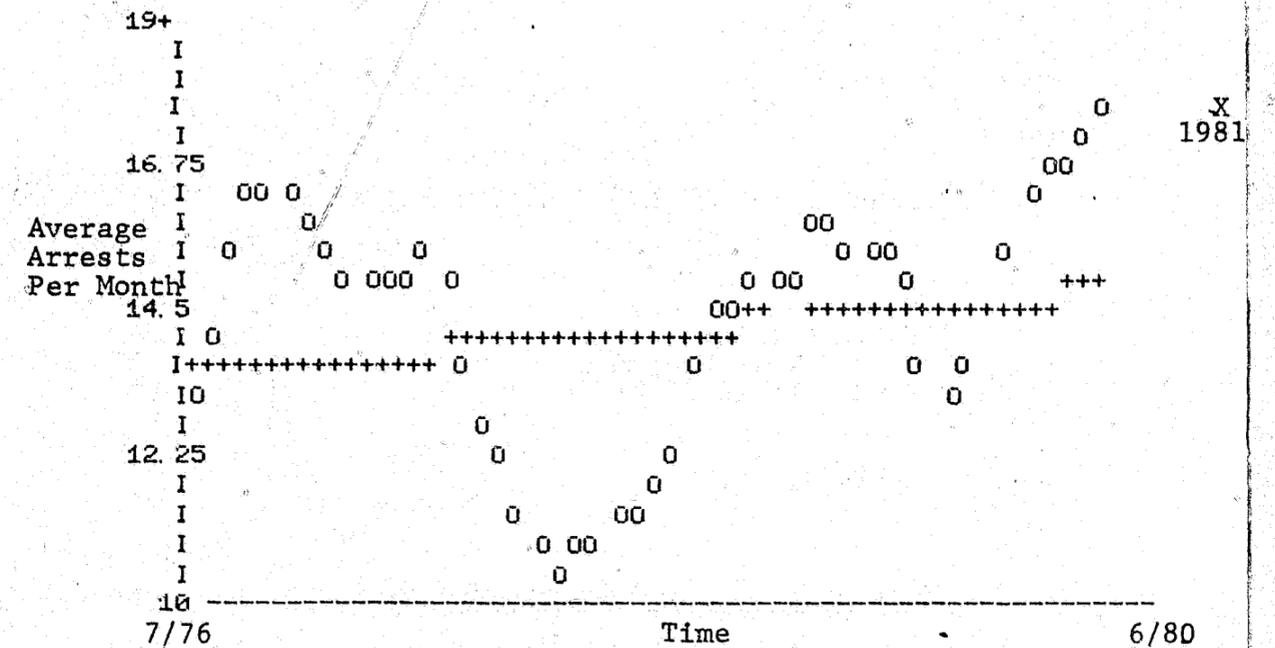
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Firearm	35	9	8	52
Knife/Cut Instrument	14	3	1	18
Other Dang. Weapon	32	6	6	44
Strong Arm	78	12	5	95

Table 16.1

Adult Robbery Arrests by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	159	30	20	209
1980	175	28	23	226
1979	151	24	11	186
1978	109	11	21	141
1977	138	20	22	180
1976	131	12	32	175

Table 16.2



ADULT ARREST TREND, ROBBERY. THE TREND HAS REMAINED STABLE AT APPROXIMATELY 15 ARRESTS PER MONTH, ARRESTS FOR 1981 INDICATE NO SHIFT IN THIS TREND.

Figure 16

Robbery

A total of 209 adults were arrested in 1981 for Robbery for an average of 17.4 per month. The five year monthly average from 1976 to 1980 was 15.1. Over these five years the general trend has been relatively stable, increasing at a small rate of one additional arrest every three years, however the movement around the trend has been varied.

The difference between the actual number of adult Robbery arrests, 17.4 per month to the predicted average of 15.6 from the trend line is not large enough to indicate any divergence from the trend and may indeed be a downturn from the peak in the average line (000) noticed at the end of the trend period.

1981 Adult Arrests for Aggravated Assault by Type and County

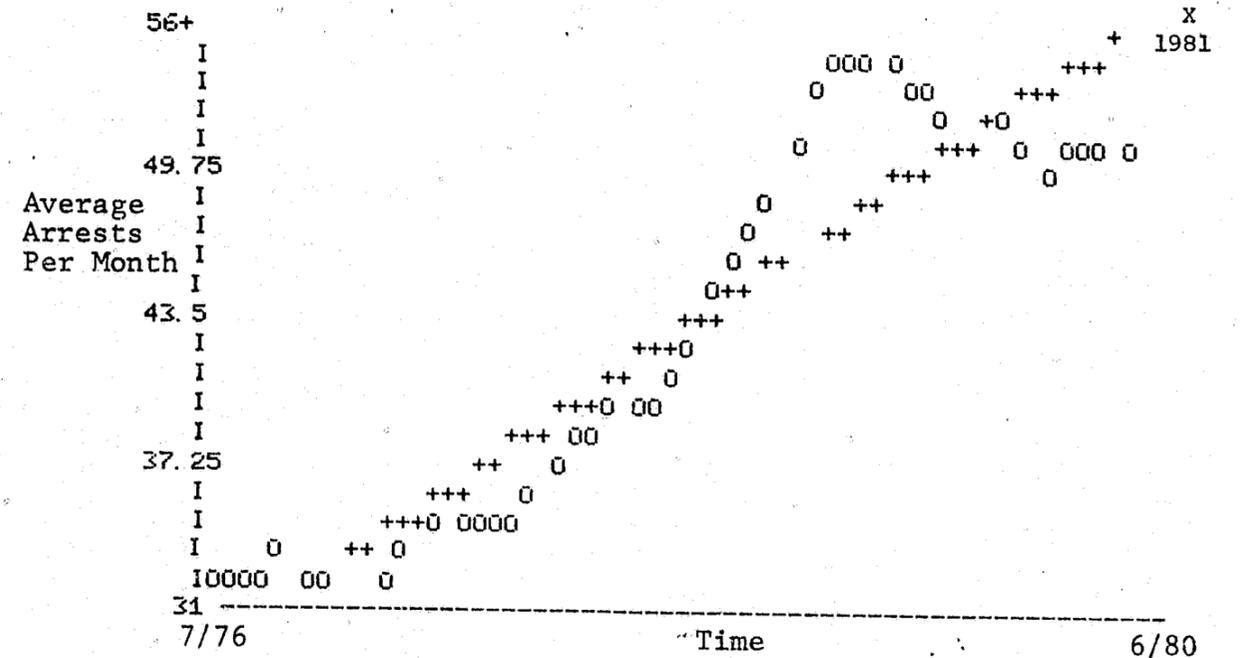
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Firearm	96	26	52	174
Knife/Cut Instrument	92	26	40	158
Other Dang. Weapon	127	45	39	211
Hands, Fists, Feet	94	63	43	200

Table 17.1

Adult Arrests for Aggravated Assault by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	409	160	174	743
1980	305	163	163	631
1979	264	163	223	650
1978	234	123	138	495
1977	175	128	127	430
1976	197	78	130	405

Table 17.2



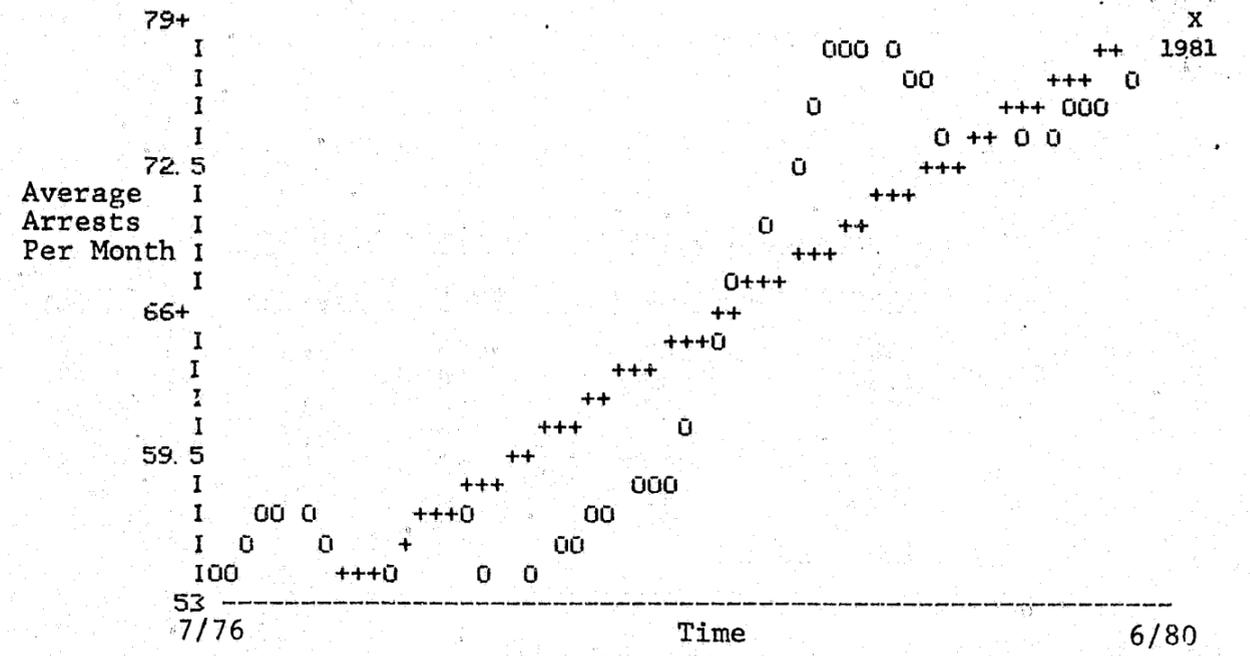
ADULT ARREST TREND, AGGRAVATED ASSAULT. THE TREND HAS SHOWN STEADY GROWTH. 1981 ARRESTS INDICATED A CONTINUATION OF THIS TREND

Figure 17

Aggravated Assault

In 1981 there were 743 Adult Arrests for Aggravated Assault, an average of 62 arrests per month. The previous five years had indicated a monthly average of 43.5 per month.

The trend of adult arrests for aggravated assault shows a strong steady growth over the years 1976-1980 from an average of 30 arrests per month in 1976 to 57 arrests per month in 1980. The predicted average number of monthly arrests of 67, compared to the actual of 62 indicates no significant shift from this trend.



ADULT ARREST TREND, VIOLENT CRIME. THE TREND INDICATES STEADY GROWTH. ARRESTS FOR 1981 SUGGESTS A CONTINUATION OF THIS TREND.

Figure 18

Total Violent Adult Arrests

A total of 1059 adult arrests for Violent Crimes were made in 1981, an average of 88 per month. The five year monthly averages from 1976 to 1980 was 65. The trend for total Violent adult arrests shows an increasing trend from an average of 50 per month in 1976 to 80 in 1980.

The predicted average monthly arrests of 85 compares closely with the actual average experience of 88 in 1981 and the past trend toward greater number of adult arrests for all violent crimes continued.

Adult Arrests for Violent Crime by Year & County

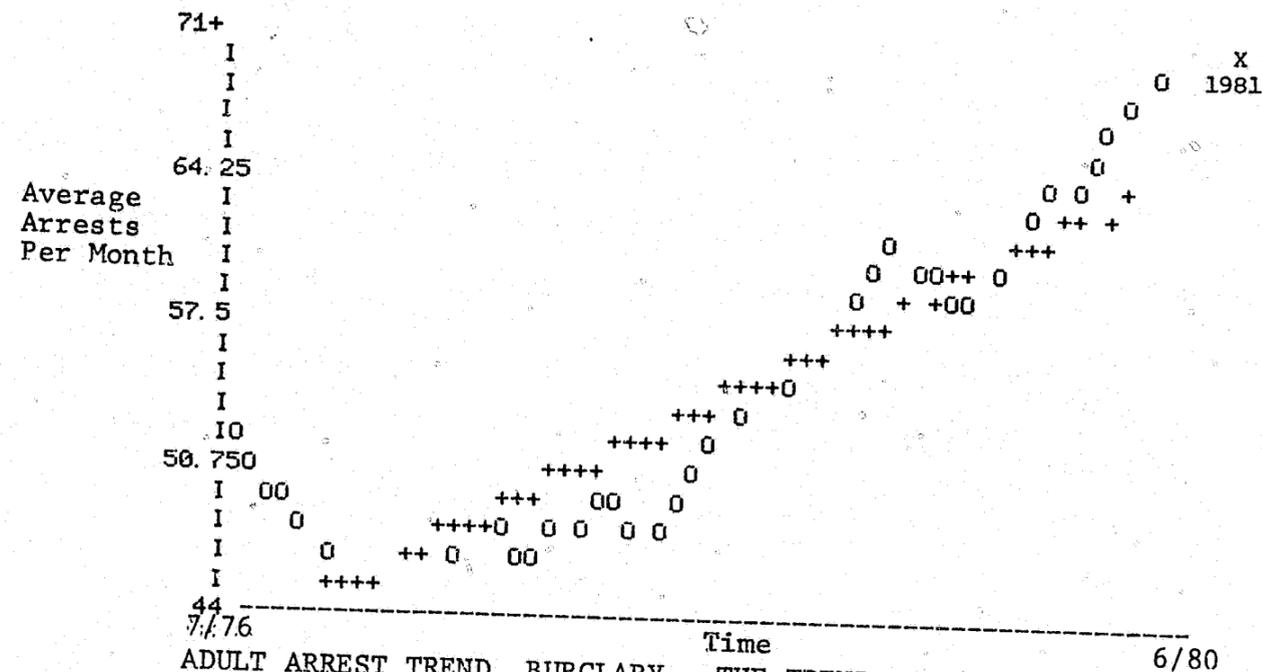
Year	New Castle	Kent	Sussex	Statewide
1981	647	202	210	1059
1980	549	202	198	949
1979	466	208	253	927
1978	392	143	172	707
1977	367	157	167	691
1976	379	97	182	658

Table 18

Adult Arrests for Burglary by Year & County

Year	New Castle	Kent	Sussex	Statewide
1981	587	123	163	873
1980	558	136	167	861
1979	533	80	117	730
1978	418	90	88	596
1977	394	65	99	558
1976	443	73	114	630

Table 19.2



ADULT ARREST TREND, BURGLARY. THE TREND SHOWS STEADY GROWTH. ARRESTS FOR 1981 INDICATES A CONTINUATION OF THIS TREND.

Figure 19

Burglary

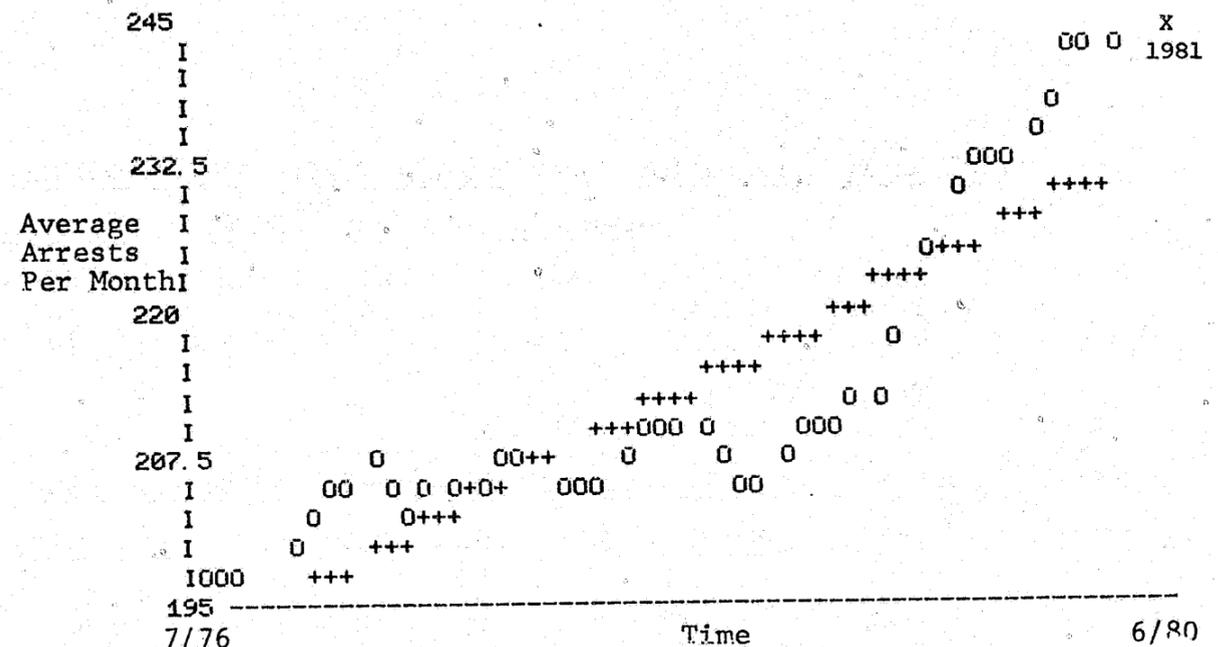
Adult arrests for Burglary numbered 873 statewide for 1981 an average of 72.75 per month. The monthly average for the five preceeding years was 56.25 arrests.

The trend for adult Burglary arrests shows a steady growth from an average of 43 arrests in 1976 to 65.5 arrests per month in 1980. The comparison between the actual number of arrests per month of 72.75 and the number predicted by the trend of 71.25 shows no shift from the trend and suggests continuance.

1981 Burglary Adult Arrests by Type

	New Castle	Kent	Sussex	Statewide
Forced Entry	479	99	127	705
No Force Entry	73	22	33	128
Attempted Force	35	2	3	40

Table 19.1



ADULT ARREST TREND, LARCENY. THE TREND HAS SHOWN GROWTH FROM 194 TO 233 PER MONTH. ARRESTS FOR 1981 INDICATE NO CHANGE IN THIS TREND.

Figure 20

Larceny

There were 2978 Adult Arrests for Larceny in 1981 Statewide. The monthly average for 1981 was 248 compared to an average of 215 per month for the preceding 5 years.

The trend of adult arrests for Larceny has been steadily increasing from 1976 through 1980, from an average of 194 arrests per month to an average of 233 arrests per month. The predicted average number of arrests per month of 244 when compared to the actual average of 248 shows no deviation from this trend.

Adult Arrests for Larceny by Year & County

Year	New Castle	Kent	Sussex	Statewide
1981	1858	653	467	2978
1980	1870	638	451	2959
1979	1780	425	378	2583
1978	1674	443	398	2515
1977	1744	379	337	2460
1976	1640	406	355	2401

Table 20

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1981 Adult Arrests for Motor Vehicle Theft by Type and County

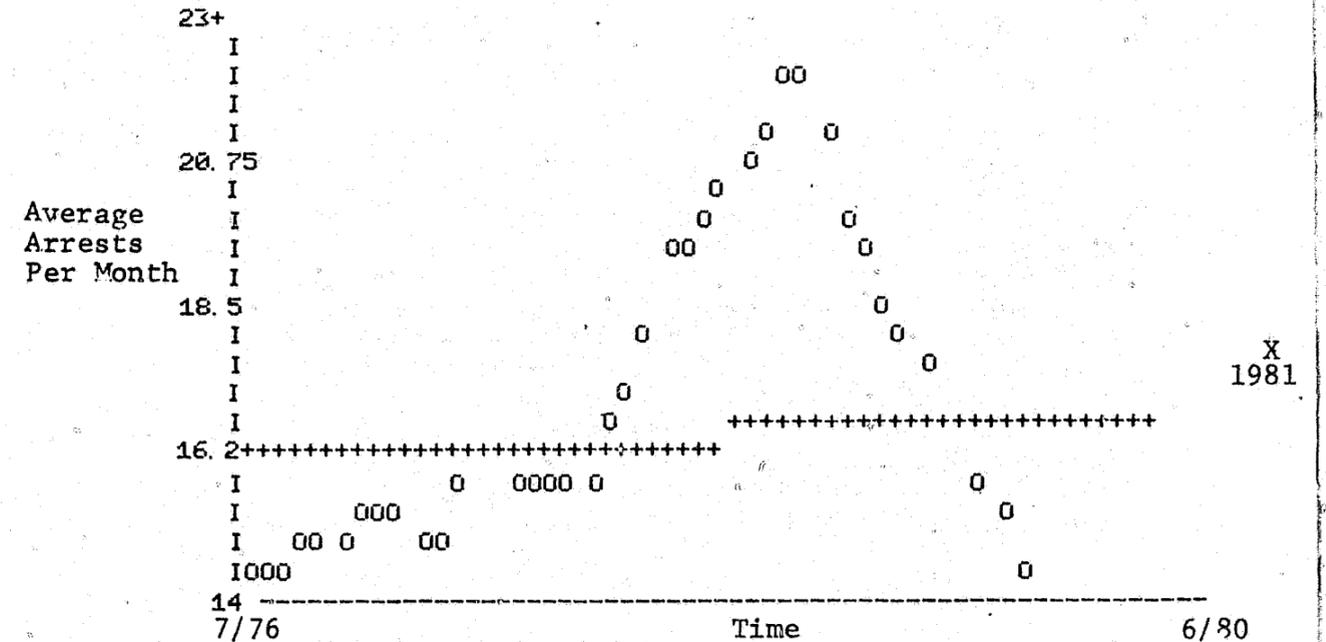
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Autos	138	41	10	189
Trucks & Buses	8	4	2	14
Other	5	1	4	10

Table 21.1

Adult Arrests for Motor Vehicle Thefts by Year & County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	151	46	16	213
1980	125	32	17	174
1979	155	28	23	206
1978	185	32	23	240
1977	146	21	27	194
1976	143	14	21	178

Table 21.2



ADULT ARREST TREND, MOTOR VEHICLE THEFT. THE TREND HAS BEEN STABLE, HOWEVER THE MOVEMENT HAS VARIED. ARRESTS FOR 1981 INDICATE NO SHIFT IN TREND.

Figure 21

Motor Vehicle Theft

There were 213 adult arrests for Motor Vehicle Theft in 1981. The monthly average was 17.75 compared to 16.5 per month for the preceding five year period.

The trend of Motor Vehicle Thefts has remained stable, however, the movement around the trend has shown a marked rise and fall. The trend predicts a total of 211 adult arrests for 1981, an average of 17.6 per month. Comparing the actual average of 17.75 per month to the predicted we find no deviation from the trend, However arrests appear to be rising from a low point noted at the end of the time period (line (000)).

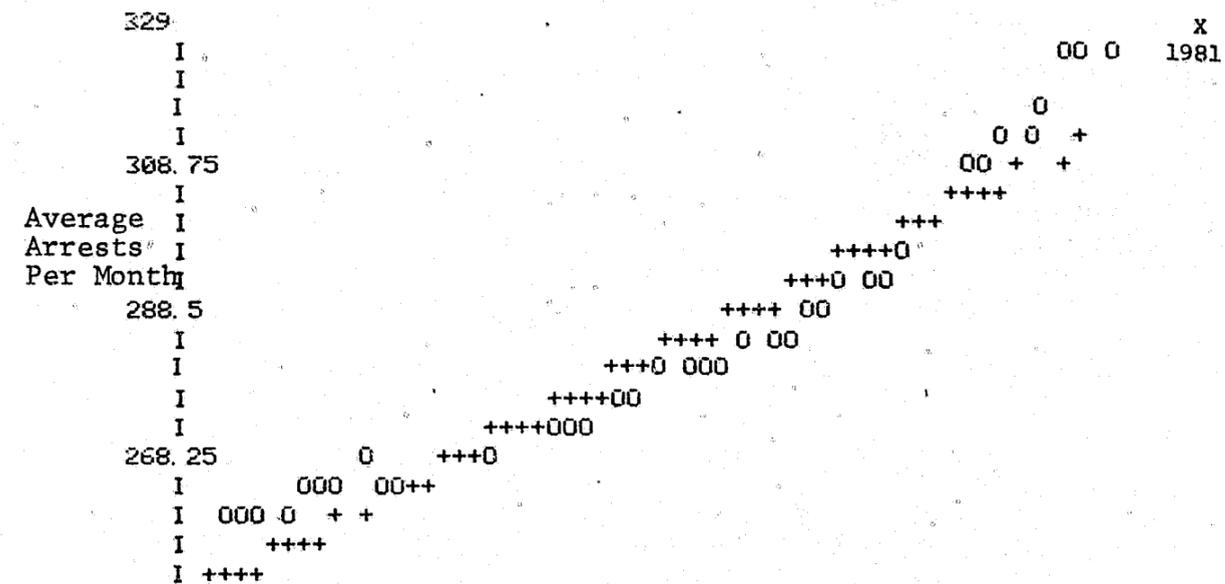


Figure 22
 Total Property Composite
 Adult Arrests for all Property Offenses totalled 4064 in 1981 for a monthly average of 338.7 compared to the five year average of 288 per month. The trend of Adult Property Arrests has shown a very stable positive growth at a rate of 1.4 more adult arrests per month. The predicted total of 4007 adult arrests for 1981, or 334 per month, compares very closely to the actual number of adult arrests in 1981. There is no deviation from the trend of Adult Property Arrests for 1981, suggesting a continuance of the trend.

Adult Arrests for All Property Crimes by Year and County

Year	New Castle	Kent	Sussex	Statewide
1981	2596	822	646	4064
1980	2553	806	635	3994
1979	2468	533	518	3519
1978	2277	565	509	3351
1977	2284	465	463	3212
1976	2226	493	490	3209

Table 22 46

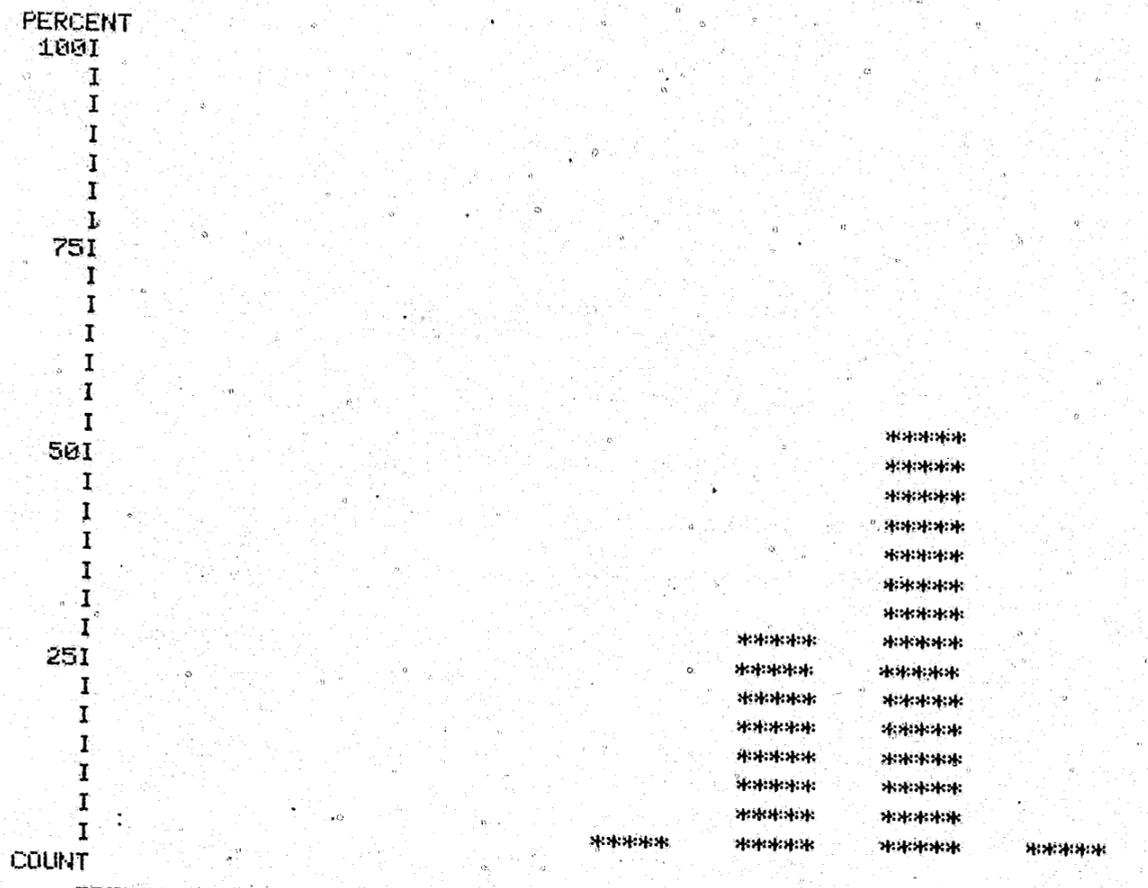
JUVENILE ARRESTS

A total of 2612 Juveniles were arrested for index crimes in Delaware for 1981. Table 23 is the comparison between juvenile arrests in 1981 and the average number of arrests per year for the 5 years 1976-1980.

	Offense	1981	5 Year Average 1976-1980
Violent	Murder	2	2
	Rape	16	14
	Robbery	92	116
	Aggravated Assault	122	98
		232	230
Property	Burglary	773	799
	Larceny	1477	1495
	Motor Vehicle Theft	130	166
			2380
Total		2612	2690

Table 23

The composition of juvenile arrests for 1981 has changed little in comparison to the preceeding five years. Burglary and Larceny continue to account for the vast majority of juvenile arrests for index crimes. Figure 23 and Table 23.1 represent the composition of juvenile arrests for 1976-1980 and Figure 24 and Table 24 depict the composition of arrests for 1981.

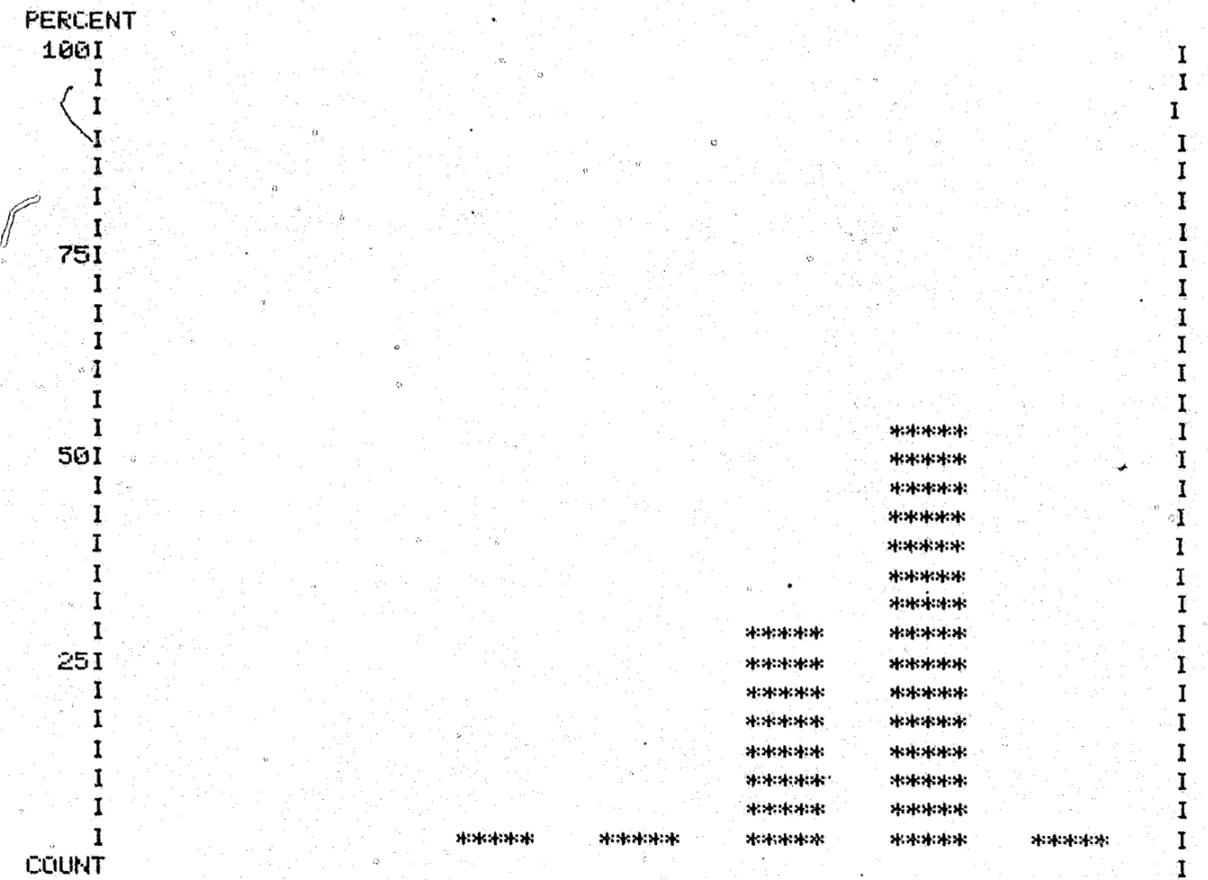


MURDER RAPE ROBBERY ASSAULT BURGLARY LARCENY MV/THEFT
 COMPOSITION OF JUVENILE ARRESTS 1976-1980 FOR INDEX CRIMES

Figure 23

Crime	# Of Arrests	% Of Total Arrests
Murder	11	0.1%
Rape	69	0.5%
Robbery	581	4.3%
Assault	491	3.7%
Burglary	3995	29.7%
Larceny	7473	55.6%
Motor Vehicle Theft	830	6.1%
Total	13450	100.0%

Table 23.1



MURDER RAPE ROBBERY ASSAULT BURGLARY LARCENY MV/THEFT
 COMPOSITION OF JUVENILE ARRESTS 1981 FOR INDEX CRIMES

Figure 24

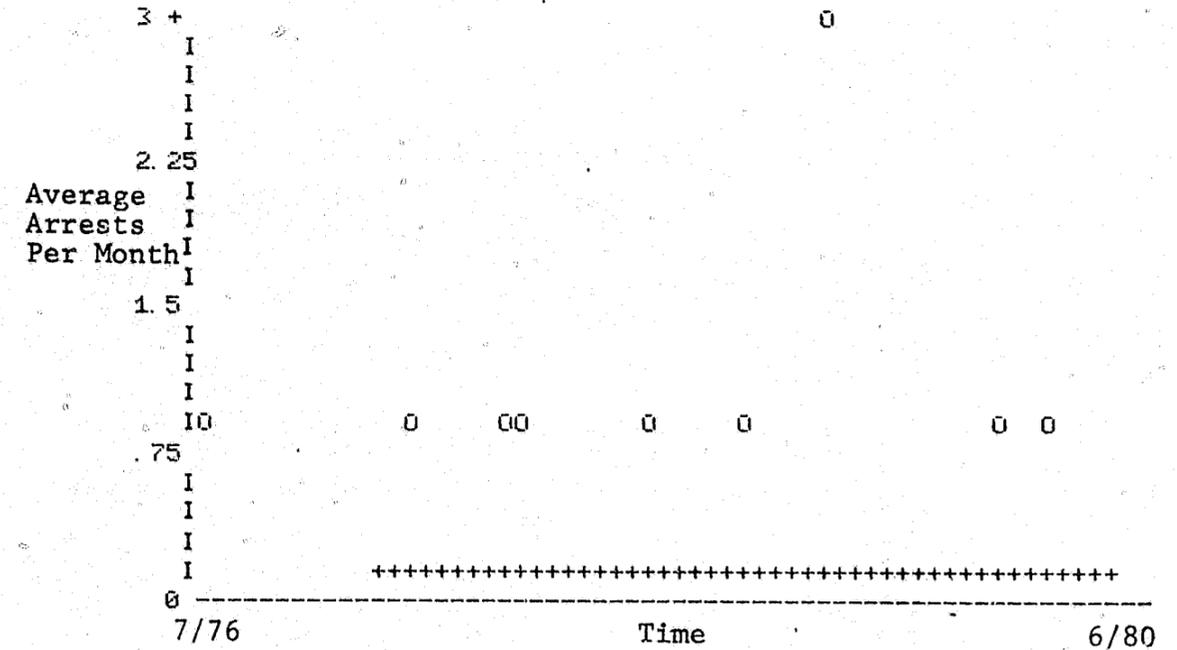
Crime	# Of Arrests	% Of Total Arrests
Murder	2	0.1%
Rape	16	0.6%
Robbery	92	3.5%
Assault	122	4.7%
Burglary	773	29.6%
Larceny	1477	56.5%
Motor Vehicle Theft	130	5.0%
Total	2612	100.0%

Table 24.1

Juvenile Arrests for Murder by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	2	0	0	2
1980	2	0	0	2
1979	1	0	2	3
1978	0	1	1	2
1977	2	0	1	3
1976	1	0	0	1

Table 25



JUVENILE ARREST TREND, MURDER. JUVENILE ARRESTS ARE A RARE OCCURANCE IN ANY MONTH, THUS THE TREND IS ZERO. 1981 DATA SUGGESTS NO CHANGE IN TREND. DELAWARE MAY EXPECT APPROXIMATELY 2 JUVENILE ARRESTS PER YEAR.

Figure 25

Murder

Juvenile arrests for Murder are a rare occurrence. From 1976 to 1980 there were only 11 arrests made, an average of 2 per year. In 1981 there were 2 juvenile arrests for Homicide.

The extremely low number of arrests does not lend itself to comparison. Actual arrests for 1981 (2) was not significantly different from past experience and will probably continue in the future.

Rape Arrests by Type 1981

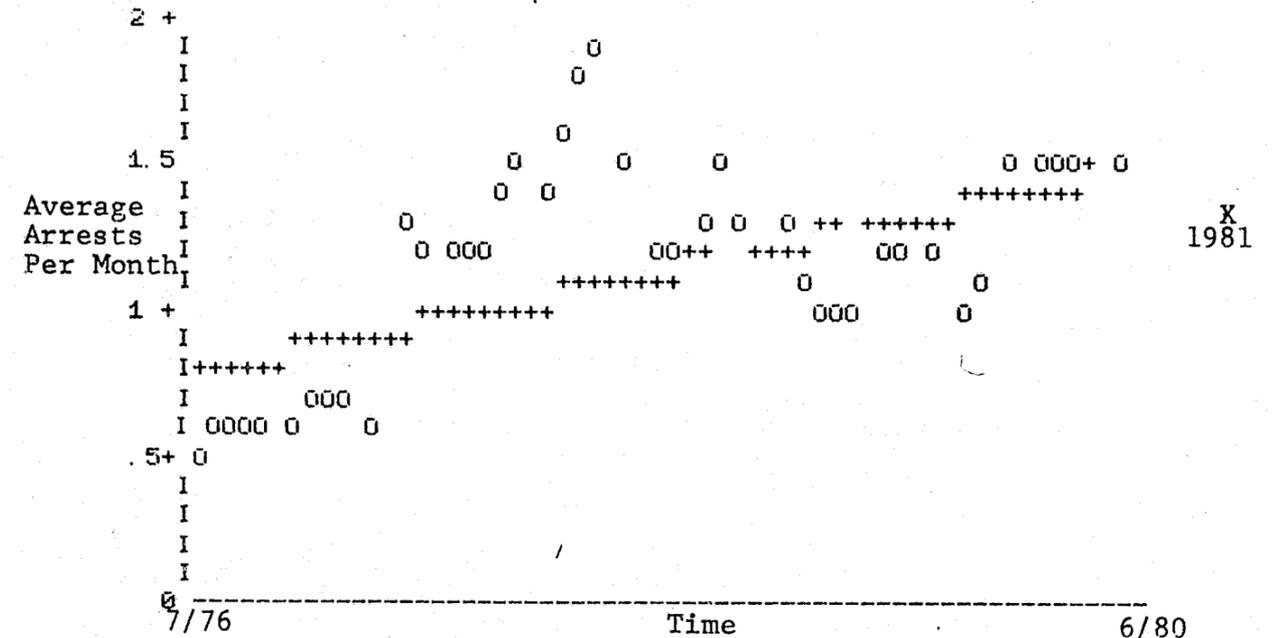
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Rape by Force	6	5	3	14
Assault to Rape	1	1	0	2

Table 26.1

Juvenile Arrests for Rape by Year & County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	7	6	3	16
1980	10	5	3	18
1979	8	3	3	14
1978	11	1	2	14
1977	15	0	1	16
1976	7	0	0	7

Table 26.2



JUVENILE ARREST TREND, RAPE. THE TREND IS STABLE AT APPROXIMATELY 1 ARREST PER MONTH. 1981 ARRESTS SHOW NO DEVIATION FROM THIS TREND.

Figure 26

Rape

There were 16 juveniles arrested for rape in 1981, an average of 1.3 per month. The annual average for 1976 to 1980 was 14 arrests per year or 1.2 arrests per month.

The trend of juvenile rape arrests has remained stable showing only a slight tendency to increase. The number of arrests predicted for 1981 from the trend was 1.9 per month, the actual arrests for 1981 averaged 1.3 per month. There is no significant shift from the trend and 1981 appears to be a continuation of the stable movement (000) noticed in the last 6 periods of Figure 16.

Juvenile Arrests for Robbery by Type 1981

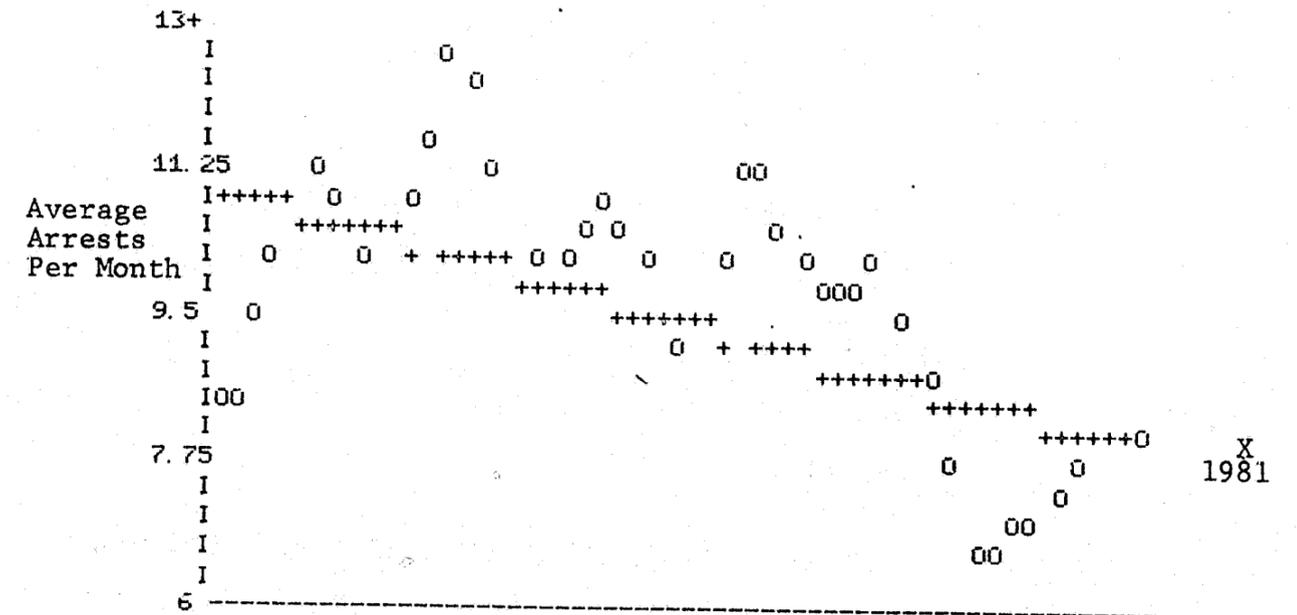
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Firearm	13	4	2	19
Knife/Cut Instrument	6	0	0	6
Other Dang. Weapon	6	2	1	9
Strong Arm	52	5	1	58

Table 27.1

Juvenile Arrests for Robbery by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	77	11	4	92
1980	83	10	7	100
1979	99	9	4	112
1978	101	5	4	110
1977	128	18	5	151
1976	88	13	7	108

Table 27.2

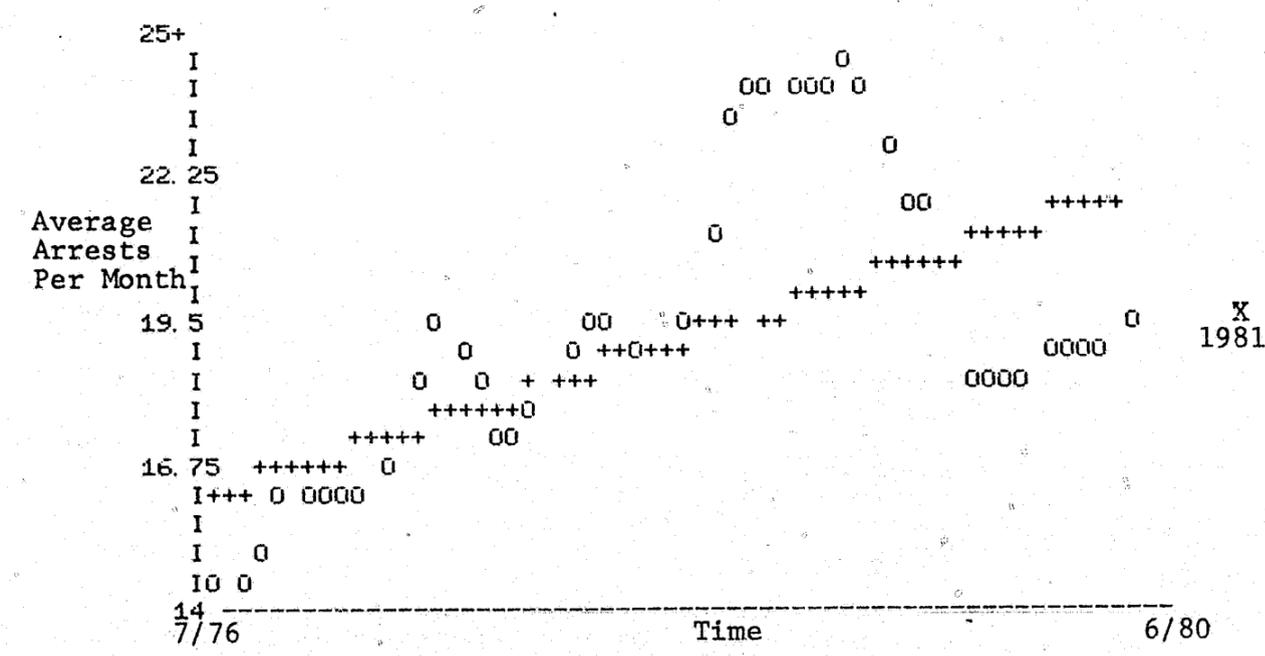


JUVENILE ARREST TREND, ROBBERY. THE TREND FOR ROBBERY ARRESTS SHOWS A MINIMAL DECLINE. 1981 ARRESTS SHOW NO DEVIATION FROM THIS TREND.

Figure 27

Robbery

There were 92 juveniles arrested for Robbery in 1981, an average of 7.7 per month. The five year average for 1976-1980 was 116 per year or 9.7 per month. The trend of juvenile Robbery arrests has shown only a minimal decline of approximately 1 arrest per year. The comparison between the predicted arrests for 1981 of 90 or 7.5 per month compared to the actual number of 92 or 7.7 per month indicates a continuation of the trend.



JUVENILE ARREST TREND, VIOLENT CRIME. THE TREND OF ARRESTS HAS SHOWN SLIGHT BUT ERRATIC GROWTH. ARRESTS FOR 1981 WERE SIGNIFICANTLY FEWER THAN THE TREND.

Figure 29

Total Juvenile Arrests for Violent Crime

Juvenile Arrests for all Violent Crimes totaled 232 for 1981, an average of 19.3 per month. The monthly average for the five years prior to 1981 was 19.2.

The trend of arrests for 1976 through 1980 indicated an increase from an average of 16.6 arrests per month in 1976 to 22.3 arrests in 1980. The trend was relatively stable until 1978 when it began erratic movements. The comparison between the predicted average for 1981 of 23.8 arrests per month and the actual of 19.3 indicates a significant shift from the trend.

Juvenile Arrests for Violent Crimes by Year & County

Year	New Castle	Kent	Sussex	Statewide
1981	160	56	16	232
1980	174	37	28	239
1979	193	39	35	267
1978	166	33	30	229
1977	169	38	27	234
1976	135	27	21	183

1981 Juvenile Burglary Arrests by Type and County

	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Forced Entry	483	84	81	648
Non-Forced Entry	40	17	35	92
Attempted Forced Entry	32	0	1	33

Table 30.1

Juvenile Arrests for Burglary by Year & County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	555	101	117	773
1980	498	124	125	747
1979	608	141	102	851
1978	603	96	91	789
1977	531	92	150	773
1976	632	97	106	835

Table 30.2

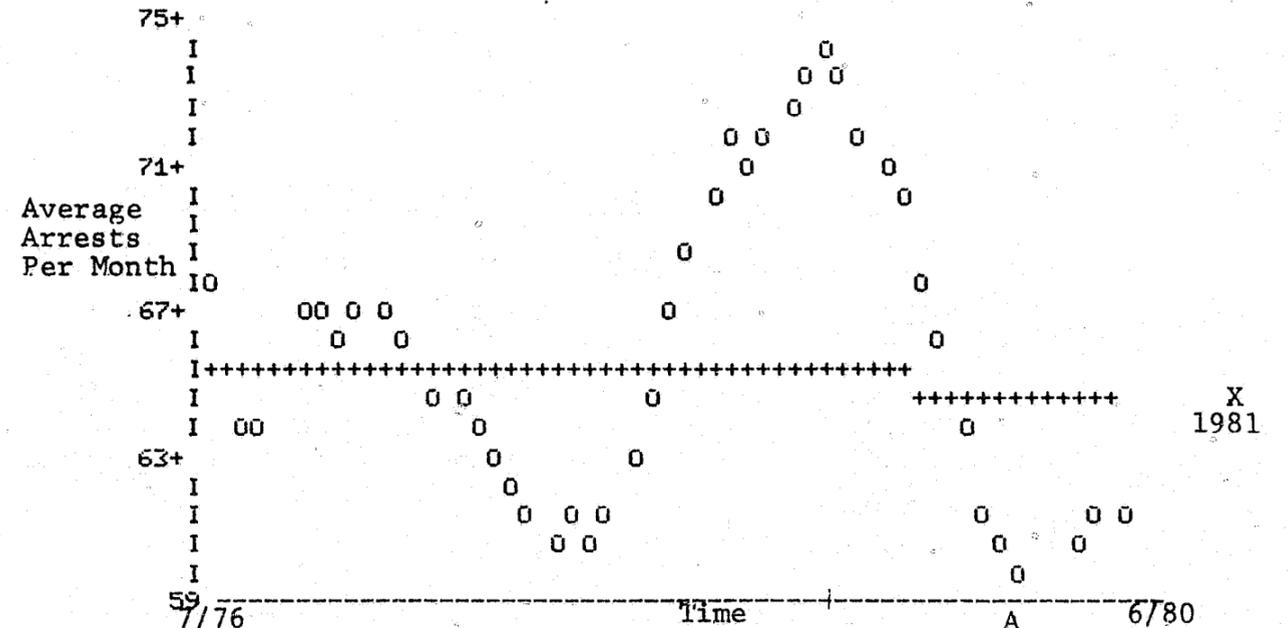


Figure 30
 JUVENILE ARREST TREND, BURGLARY. THE TREND OF BURGLARY ARRESTS HAS REMAINED VERY STABLE, WITH WIDE VARIATION AROUND THE TREND. ARRESTS FOR 1981 SHOW NO DEVIATION FROM THE TREND.

Figure 30

Burglary

There were 773 juveniles arrested for Burglary in 1981, an average of 64.4 per month. The five years preceding 1981 averaged 66.6 arrests per month.

The trend for the years 1976-1980 indicates extreme stability with great variation in movement around the trend line. The comparison between the predicted average arrests for 1981 of 60 arrests per month and the actual of 64.4 indicates no shift from the trend, however the average for 1981 continues a short upswing from the low at Point A.

1981 Juvenile Arrests, Motor Vehicle Theft By Type & County

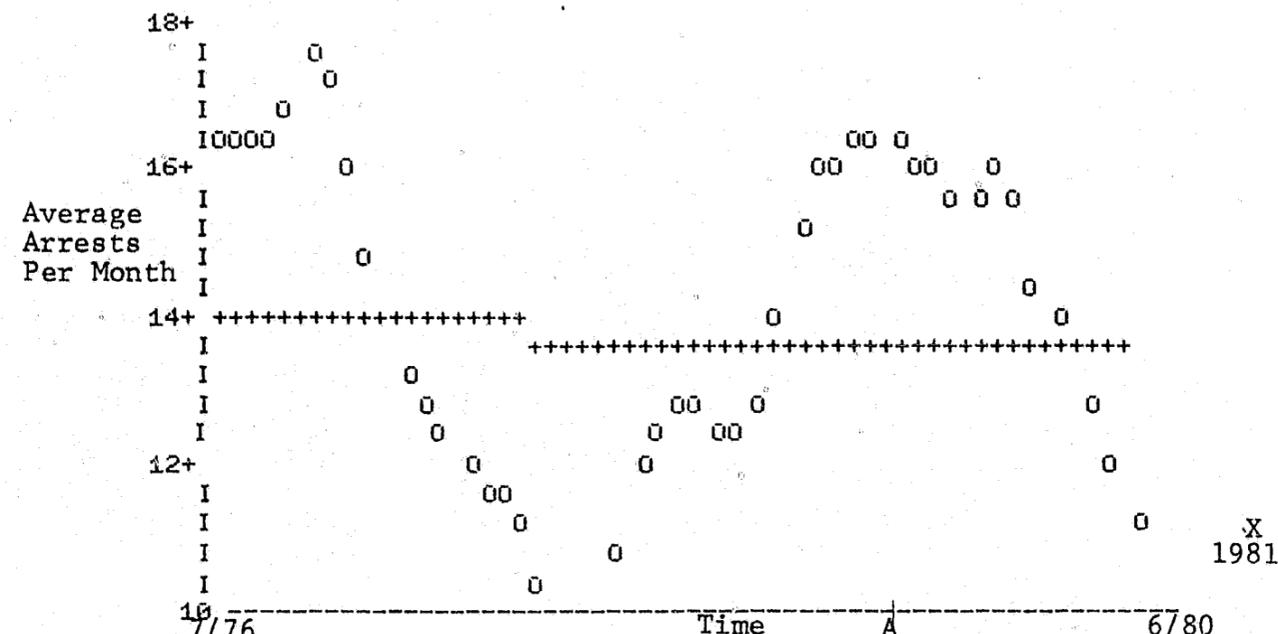
	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
Autos	79	16	10	105
Trucks, Buses	6	2	-	8
Other Vehicles	7	5	5	17

Table 32.1

Juvenile Arrests for Motor Vehicle Theft by Year and County

<u>Year</u>	<u>New Castle</u>	<u>Kent</u>	<u>Sussex</u>	<u>Statewide</u>
1981	92	23	15	130
1980	89	25	20	134
1979	140	33	27	200
1978	117	19	13	149
1977	107	27	17	151
1976	156	30	10	196

Table 32.2



JUVENILE ARREST TREND, MOTOR VEHICLE THEFT. THE TREND FOR MOTOR VEHICLE THEFT ARRESTS HAS REMAINED VERY STABLE, WITH WIDE VARIATIONS. ARRESTS FOR 1981 DEVIATE SIGNIFICANTLY FROM THIS TREND.

Figure 32

Motor Vehicle Theft

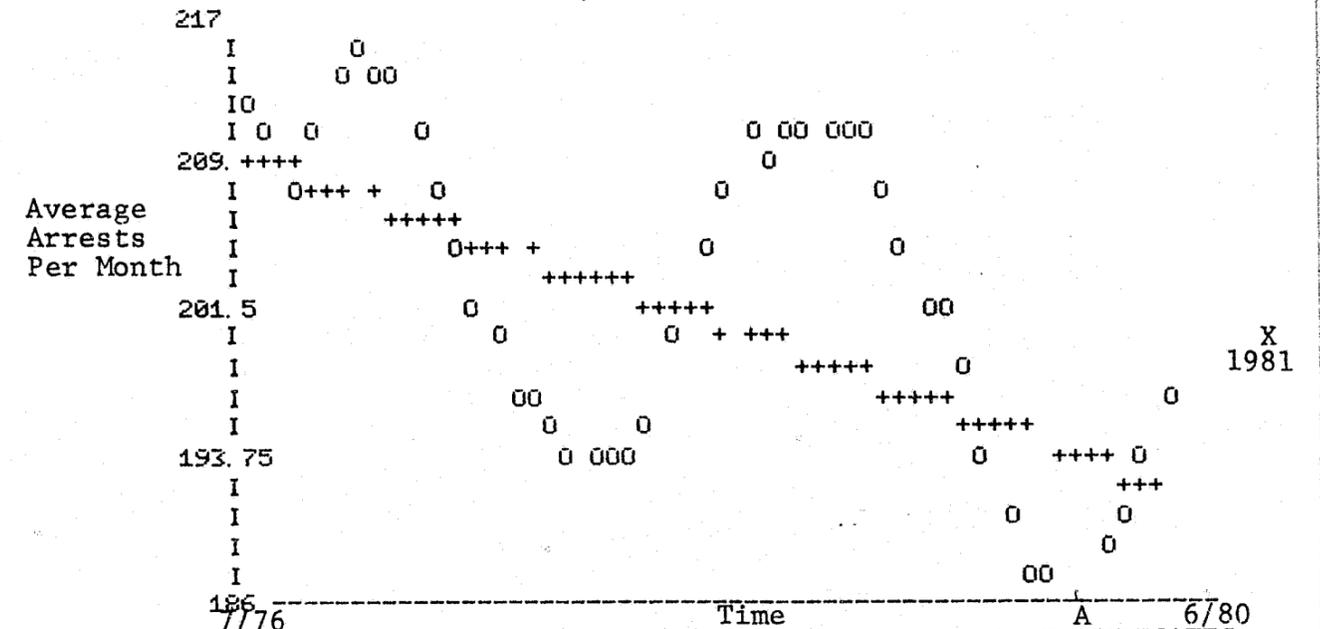
There were 130 juvenile arrests for Motor Vehicle Theft in 1981, an average of 10.8 per month. The previous five year monthly average was 13.8.

The trend of arrests has remained very stable at approximately 14.4 arrests per month, however the average line (000) shows wide movement about the trend line (+++). The comparison between the predicted average of 13.8 arrests per month and the actual average of 10.8 arrests indicates a deviation from the trend and a continuation of the downward movement in the average line (000) which started at Point A, Figure 32.

Juvenile Arrests for Property Crimes by Year and County

Year	New Castle	Kent	Sussex	Statewide
1981	1636	418	326	2380
1980	1566	481	353	2400
1979	1639	480	318	2437
1978	1647	445	347	2439
1977	1636	397	395	2428
1976	1846	410	338	2594

Table 33



JUVENILE ARREST TREND, PROPERTY CRIMES. THE TREND INDICATES A STEADY DECLINE WITH WIDE VARIATION. ARRESTS FOR 1981 INDICATE NO SIGNIFICANT DEVIATION FROM THIS TREND.

Figure 33

Property

2380 juvenile arrests for Property Crimes were made in 1981, an average of 198.3 per month. The five year monthly average for 1976-1980 was 205 per month.

The trend of juvenile Property Crime arrests has declined from an average of 212 per month in 1976 to 194.4 arrests per month in 1980. The movement of arrests around the trend has been erratic. The comparison of the predicted monthly arrest average of 190 arrests and the actual of 198.3 arrests shows no significant deviation for the trend. However, 1981 arrests appear to be a continuation of the rise in the average line (000) noticed from Part A.

END