,

.



Ċ ASSAULTS ON POLICE OFFICERS IN IOWA 1980

x 1

P389

4 1

.

*

Prepared by:

STATISTICAL ANALYSIS CENTER Office for Planning and Programming 523 East 12th Street Des Moines, Iowa 50319

U.S. Department of Justice National Institute of Justice

This document has been reproduced exactly as received from the person or organization originating it. Points of view or opinions stated in this document are those of the authors and do not necessarily represent the official position or policies of the National Institute of Justice.

Permission to reproduce this copyrighted material has been

granted by Public Domain/U.S. Dept. of Justice/Bur. of Sustice Statistics

to the National Criminal Justice Reference Service (NCJRS).

Further reproduction outside of the NCJRS system requires permission of the copyright owner.

July, 1982

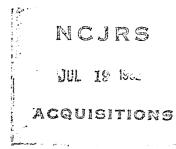
. .

Director.... Data Coordina Technical Ass Programmer Ar Research Anal Statistical A Secretary...

This report was published through financial assistance provided by the Bureau of Justice Statistics, U.S. Dept. of Justice, through Grant No. 81-BJ-CX-0009. Points of view or opinions contained herein do not necessarily represent the official position or policies of the U.S. Dept. of Justice.

State of Iowa Office for Planning and Programming 523 East 12th Street Des Moines, Iowa 50319

Edward J. Stanek, Ph.D., Director



,

STATISTICAL ANALYSIS CENTER

Paul Stageberg, M.A.
Daryl R. Fischer, Ph.D.
PlannerMarcia L. Cohan, M.S.
Gail Bontrager, M.P.A.
Fu-hau Yu, M.S.
Lettie Prell, B.A.
Joyce L. Samo
Lettie Prell, B.A.

			Ø	•			
				•			
					-		
					Introductio	m	•••••
	•				Amolwofa a	5 D 1	
					Analysis of	. Kesul	ts
				:	Table	1	Assaults on (
	-				INDIC	1.	By Population
							by ropulation
					Table	2.	Rates of Assa
							Population Ca
							-
					Table	3.	Situations Re
							By Population
					Table	4.	Types of Weap
	•						By Population
			233 V		Table	5	Delies Asser
					Table	۶.	Police Assau By Population
							by roputation
					Table	6.	Injuries Res
					-		By Population
	-						J
					Table	7.	Injuries Res
							Type of Weapo
						-	
					Table	8.	Police Assau
							Category - I
					m-11.	0	G1
	ang - 1 - 1				Table	9.	Clearance Rat
							Population Ca
		-			Table	10.	Police Assau
							Population Ca
							•
					Table	11.	Assaults Res
							Assignment,
	-					1.0	
	-				Table	12.	Clearance Rat
							Population Ca
					Summary and	I Concl	usion
					,		
	•				Append	li. T	Police Assau
		-			Append	LIX I.	By Population
							by ropuration
		2					
	,						
	1	•	5				
		:					
			95. 1				
		•	8				
	•						
		2. 24					
Book was been and a second and a							
the state of the state				- Shandhallan - Maria an Araba	·····································	gugatenaart oo daaraa	a na manana ang kanana ang kanana kanana na kanana na kanana kanana kanana kanana kanana kanana kanana kanana k

4 1

.

4

• ¥

TABLE OF CONTENTS

ج×...

	Page 1
	2
aults on Officers, 1980, Population Category	2
es of Assaults on Officers, by Mation Category, 1980	2
ations Resulting In Assaults on Police Officers Population Category - In Percent, 1980	3
es of Weapons Used in Assaults on Officers Population Category, 1980	4
ice Assaults By Weapon Used By Type of Call Population Category - Iowa, 1980	5
ries Resulting from Assaults on Officers Population Category, 1980	7
ries Resulting From Assaults on Officers By e of Weapon, In Percent, 1980	7
ice Assaults By Time of Day By Population agory – Iowa, 1980	8
arance Rate of Assaults on Officers By Ilation Category, in Percent, 1980	9
ice Assaults By Type of Assignment By Mation Category, 1980	10
aults Resulting in Injury By Type of ignment, In Percent, 1980	11
arance Rate By Injury Status By Mation Category, 1980	11
1:	12
ice Assaults By Type of Assignment Population Category - Iowa, 1980	13

.

•

The Iowa Uniform Crime Reporting system, operated by the Iowa Department of Public Safety, provides criminal justice practitioners and analysts with large volumes of data on crime and arrest patterns in Iowa. Unfortunately, because of its volume, much of this information escapes analysis, even when examination has the potential to assist in reducing crime or protecting the public.

(A) A 1997 No. 1 A present of the physical sector and the present of the physical sector of the present sector of the physical sector and the physical sector of the physical sector

> A case in point is information provided in the Uniform Crime Reports on assaults on police officers. Clearly, these assaults are a major concern of law enforcement officials and the public alike, as to some degree they strike at the heart of an orderly society by jeopardizing those entrusted to keep the peace.

While data on assaults on officers in Iowa have been readily-available since 1975, no analyses of these data have occurred with the exception of yearly tables contained in the Annual Uniform Crime Reports published by the Department of Public Safety. These tables, while useful, are not intended to thoroughly examine assaults on officers, as they list assaults by jurisdiction and population grouping, officers killed, the types of circumstances leading to assaults, and the types of weapons involved, but do not crosstabulate these. While the report provides the raw number of assaults stemming from burglaries, and indicates the types of weapons used in these situations, for example, there is no breakdown of these by population grouping, so the reader has no way of knowing if assaults stemming from burglaries are more common in rural areas or large cities.

Because analyses of these factors could assist the law enforcement community in better understanding assaults on officers -- and, we would hope, perhaps assist in reducing these assaults because of a more complete understanding of the types of situations most likely leading to assaults -- the Iowa Statistical Analysis Center in early 1982 embarked on a project to analyze information available on assaults on officers in the Iowa Uniform Crime reports. This publication is the result of this project.

While the goal of this project is to lead to a better understanding of assaults on officers, the information included here is included primarily to provide a broad overview of the subject. Readers desiring more specific information on these assaults are encouraged to contact the Iowa Statistical Analysis Center with specific requests.

Introduction

Introduction

The Iowa Uniform Crime Reporting system, operated by the Iowa Department of Public Safety, provides criminal justice practitioners and analysts with large volumes of data on crime and arrest patterns in Iowa. Unfortunately, because of its volume, much of this information escapes analysis, even when examination has the potential to assist in reducing crime or protecting the public.

A case in point is information provided in the Uniform Crime Reports on assaults on police officers. Clearly, these assaults are a major concern of law enforcement officials and the public alike, as to some degree they strike at the heart of an orderly society by jeopardizing those entrusted to keep the peace.

While data on assaults on officers in Iowa have been readily-available since 1975, no analyses of these data have occurred with the exception of yearly tables contained in the Annual Uniform Crime Reports published by the Department of Public Safety. These tables, while useful, are not intended to thoroughly examine assaults on officers, as they list assaults by jurisdiction and population grouping, officers killed, the types of circumstances leading to assaults, and the types of weapons involved, but do not crosstabulate these. While the report provides the raw number of assaults stemming from burglaries, and indicates the types of weapons used in these situations, for example, there is no breakdown of these by population grouping, so the reader has no way of knowing if assaults stemming from burglaries are more common in rural areas or large cities.

Because analyses of these factors could assist the law enforcement community in better understanding assaults on officers -- and, we would hope, perhaps assist in reducing these assaults because of a more complete understanding of the types of situations most likely leading to assaults -- the Iowa Statistical Analysis Center in early 1982 embarked on a project to analyze information available on assaults on officers in the Iowa Uniform Crime reports. This publication is the result of this project.

While the goal of this project is to lead to a better understanding of assaults on officers, the information included here is included primarily to provide a broad overview of the subject. Readers desiring more specific information on these assaults are encouraged to contact the Iowa Statistical Analysis Center with specific requests.

-1-

Table 1, below, presents the distribution of assaults on officers among the three population groupings used in this report: Standard Metropolitan Statistical Areas (SMSAs), other cities (i.e., cities generally over 2,000 population which are not within SMSAs), and rural areas (areas covered by county sheriffs' offices and towns below 2,000 population):

SMSAs OTHER CITTES RURAL AREAS STATE TOTAL

*State total includes one assault on a Department of Public Safety Officer not included in the area breakdowns.

The table shows that a substantial majority of assaults on officers (82.0%) were reported by departments serving Standard Metropolitan Statistical Areas -- the counties of Polk/Warren, Scott, Dubuque, Black Hawk, Linn, Johnson, Woodbury, and Pottawattamie. Assaults were reported much less frequently in other cities and rural areas, as the combination of these accounted for only 17.9% of the reported assaults.

To determine if this distribution of assaults is, perhaps, accountable to a greater number of officers in the SMSAs, figures were developed on the number of officers serving each of these areas. With these figures, as shown below, one can develop rates with which to compare figures in the three population categories:

NUMBER OF ASSAULT NUMBER OF OFFICER RATE PER 100 OFFI

Reports.

ANALYSIS OF RESULTS

TABLE 1

ASSAULTS ON OFFICERS, 1980, BY POPULATION CATEGORY

ASSAULTS REPORTED	PERCENT
932	82.0
153	13.5
50	4.4
1,136*	100.0

TABLE 2

RATES OF ASSAULTS ON OFFICERS, BY POPULATION CATEGORY 1980

	SMSAs	OTHER CITIES	RURAL AREAS	STATE TOTAL
rs	932	153	50	1136
RS [*]	1831	1122	952	3905
ICERS	50.9	13.6	5.2	29.1

*Figures on the number of officers taken from FY 1981 surveys conducted for the Iowa Association of Chiefs of Police, and from FY 1980 surveys

conducted for the Iowa State Sheriffs' and Deputies' Association. Figures for agencies not responding to surveys taken from 1980 Iowa Uniform Crime

-- 2 ---

The table shows clearly that assaults are much more common in the Standard Metropolitan Statistical Areas of the State than in either rural areas or other (non-SMSA) cities. This is not surprising given that reported crime rates in SMSAs are also significantly higher than in the other areas, but the size of the discrepancy is much larger here than in reported crime figures, as rural areas and other cities typically show about 1/4 and 3/4 the crime rate, respectively, of SMSAs. A truer representation can be found in rates o violent crime, as the rural rate of violent crime typically is about 10% of that reported in SMSAs, and rates in other cities are about 45% of the SMSA rates. By whatever measure, however, rates of assaults on officers are substantially higher in the major cities of Iowa than in the rest of the State.

Table 3, presenting the situations resulting in police assaults, shows that disturbance calls were the most likely type of call to result in assaults on police officers in Iowa in 1980. Figures for SMSAs and rural areas are consistent with the State total, both showing disturbance calls as the largest single source of assaults. Arrests other than for burglary, robbery, or disturbances resulted in che largest percentage of assaults on police officers in non-SMSA cities, and were the second and third most likely type of call to result in assaults on officers in SMSAs and rural areas, respectively. Two other situations, traffic pursuits and handling prisoners, also resulted in a substantial number of assaults on police officers.

TABLE 3

SITUATIONS RESULTING IN ASSAULTS ON POLICE OFFICERS BY POPULATION CATEGORY IN PERCENT 1980

		OTHER		STATE
	SMSA	CITIES	RURAL	TOTAL
Disturbance Call	34.1	19.0	26.0	31.7
Burglary in Progress	1.1	0.0	6.0	1.1
Other Arrest	23.0	35.9	16.0	24.4
Civil Disorder	3.4	2.6	8.0	3.5
Handling Prisoner	13.1	17.0	8.0	13.5
Investigating Suspect	5.4	2.6	2.0	4.8
Ambush	0.0	0.7	2.0	0.2
Mentally Deranged	1.9	2.6	2.0	2.0
All Others	4.5	8.5	12.0	5.4
TOTAL N	932	153	50	1136*
PERCENT	82.0	13.5	4.4	100.0

Includes one assault on a Department of Public Safety officer not included in area breakdowns.

-3-

Table 4, below, lists the number of assaults by type of weapon for each population group. Of the 1,136 total assaults, 10 (0.9%) were committed with firearms, 15 (1.3%) with knives, and 51 (4.5%) with other weapons. The remaining 1,060 (93.3%) were committed with hands, fists, feet, and other "personal" weapons.

FIR SMSA 5 Other Cities 3 Rural Areas 2 DPS 0 STATE TOTAL 10 0.9%

The table also shows that, although they are not frequent, assaults with firearms are proportionately more common in non-SMSA cities and rural areas than are assaults in general. While only 13.4% of all assaults occurred in non-SMSA cities, 30.0% of the firearm-related assaults occurred in these areas. Similarly, while only 4.4% of all assaults occurred in the rural areas, 20.0% of the firearmrelated assaults were reported in these areas. A similar occurrence is noted for knives, as 26.7% of the knife assaults occurred in the non-SMSA cities, while these areas, as noted, accounted for only 13.4% of the total assaults. These results should be viewed with caution, however, as they are based on very small numbers, and may be very susceptible to wide variation from year to year. Analyses of data from future years should assist in determining if any trends exist in these areas.

Table 5 examines these data in a slightly different manner, and presents the types of weapons used in assaults by the circumstance leading to the assault. Highlights of this table include the following:

TABLE 4

TYPES OF WEAPONS USED IN ASSAULTS ON OFFICERS, BY POPULATION CATEGORY, 1980

			07	HER	HANDS,	FIST,		
REARM	I	KNIFE	WEA	PON	FEI	ET	TOT	AL
%	N	%	N	<u>%</u>	N	<u>%</u>	N	<u>%</u>
50.0	10	66.7	44	86.3	873	82.4	932	82.0
30.0	4	26.7	5	9.8	141	13.3	153	13.5
20.0	1	6.7	2	3.9	45	4.2	50	4.4
0.0	0	0.0	0	0.0	1	0.1	1	0.1
100.0	15	100.0	51	100.0	1060	100.0	1136	
	1.3%		4.5%		93.3%		100.0%	

• With the exception of assaults stemming from robberies or ambushes, a large majority of assaults in each category involved personal weapons such as hands, feet, or fists.

• Assaults during burglaries were most likely to involve weapons other than firearms or knives. While only 13 burglary-related assaults were reported for 1980, 23.1% of these involved other weapons.

• If an assault on an officer occurs during a robbery in progress, it is most likely to involve use of a firearm, as two of the three assaults occurring during robberies involved firearms.

• Assaults during ambushes are also likely to involve firearms, as both ambush assaults in Iowa in 1980 involved firearms.

TABLE 5

POLICE ASSAULTS BY WEAPON USED BY TYPE OF CALL BY POPULATION CATEGORY IOWA, 1980

-5-

. -

4 1

. *

4

Type of Assault Disturbance Call SMSA Other Cities Rural Areas TOTAL	Firearm 0 1 <u>1</u> 2 0.6%	<u>Knife</u> 4 1 <u>0</u> 5 1.4%	Other <u>Weapon</u> 15 1 0 16 4.4%	Hands, Fist, <u>Feet, Etc.</u> 299 26 <u>12</u> 337 93.6%	<u>TOTAL</u> 318 29 <u>13</u> 360 100.0%	Type of Assault Investig. Susp. Person SMSA Other Cities Rural Areas
Burglary in Progress SMSA Other Cities Rural Areas TOTAL	0.8% 0 0 <u>0</u> 0	$ \begin{array}{c} 0 \\ 0 \\ \frac{0}{0} \\ \overline{0} \end{array} $	$ \begin{array}{r} 2 \\ 0 \\ -\frac{1}{3} \\ 23.1\% \end{array} $	8 0 2 10 76.9%	$ \begin{array}{r} 10 \\ 0 \\ -3 \\ 13 \\ 100.0\% \end{array} $	TOTAL Ambush SMSA Other Cities Rural Areas TOTAL
Robbery in Progress SMSA Other Cities Rural Areas TOTAL	2 0 <u>0</u> 2 66.7%	0 0 <u>0</u>	0 0 <u>0</u> 0	$ \begin{array}{r} 1 \\ 0 \\ - 0 \\ 1 \\ 33.3\% \end{array} $	$ \begin{array}{r} 3 \\ 0 \\ - \frac{0}{3} \\ 100.0\% \end{array} $	Mentally Deranged SMSA Other Cities Rural Areas TOTAL
Other Arrest SMSA Other Cities Rural Areas TOTAL	$ \begin{array}{c} 1\\ 0\\ \underline{0}\\ 1\\ 0.4\% \end{array} $	0 2 <u>0</u> 2 0.7%	$ \begin{array}{r} 12 \\ 1 \\ 0 \\ \overline{13} \\ 4.7\% \end{array} $	201 52 <u>8</u> 261 94.2%	214558277100.0%	Traffic Pursuit SMSA Other Cities Rural Areas TOTAL
Civil Disorder SMSA Other Cities Rural Areas TOTAL	0 0 <u>0</u> 0	0 0 0 0	$ \begin{array}{r} 1 \\ 0 \\ - 0 \\ 1 \\ 2.5\% \end{array} $	31 4 - <u>4</u> 39 97.5%	$ 32 \\ 4 \\ - \frac{4}{40} \\ 100.0\% $	All Other SMSA Other Cities Rural Areas TOTAL
Handling Prisoner SMSA Other Cities Rural Areas DPS TOTAL	0 0 0 0 0	1 0 0 <u>0</u> 1 0.7%	3 1 0 $-\frac{0}{4}$ 2.6%	$ 118 25 4 \frac{1}{148} 96.7\% $	$ 122 26 4 \frac{1}{153} 100.0\% $	TOTAL SMSA Other Cities Rural Areas DPS TOTAL

. م• د

TABLE 5 (Continued)

POLICE ASSAULTS BY WEAPON USED BY TYPE OF CALL BY POPULATION CATEGORY IOWA, 1980

Firearm	Knife	Other Weapon	Hands, Fist, Feet, Etc.	TOTAL
1 1 <u>0</u> 2 3.6%	2 0 <u>0</u> 2 3.6%	$ \begin{array}{r} 1 \\ 0 \\ -1 \\ 2 \\ 3.6\% \end{array} $	46 3 <u>0</u> 49 89.1%	50 4 1 55 $100.0%$
$ \begin{array}{c} 0 \\ 1 \\ \frac{1}{2} \\ 100.0\% \end{array} $		0 0 0	0 0 <u>0</u> 0	0 1 $-\frac{1}{2}$ 100.0%
0 0 <u>0</u>	$ \frac{1}{\frac{0}{2}} 8.7\% $	$ \begin{array}{r}1\\0\\-\\-\\1\\4.3\%\end{array} $	$ \begin{array}{r} 16 \\ 3 \\ -1 \\ 20 \\ 87.0\% \end{array} $	18 4 -1 23 100.0%
$ \begin{array}{c} 1 \\ 0 \\ \frac{0}{1} \\ 0.7\% \end{array} $	2 0 <u>1</u> 3 2.0%	5 2 <u>0</u> 7 4.7%	$ 115 15 \frac{8}{138} 92.6\% $	123 17 9 149 100.0%
0 0 <u>0</u> 0	0 0 <u>0</u> 0	4 0 <u>0</u> 4 6.6%	38 13 <u>6</u> 57 93.4%	$ \begin{array}{r} 42 \\ 13 \\ \underline{-6} \\ 61 \\ 100.0\% \end{array} $
5 3 2 0 10 0.9%	$ \begin{array}{r} 10 \\ 4 \\ 1 \\ 0 \\ 15 \\ 1.3\% \end{array} $	44 5 2 <u>0</u> 51 4.5%	873 141 45 <u>1</u> 1060 93.3%	932 153 50 <u>1</u> 1136 100.0%

-6-

Table 6 presents the number and percentage of injuries resulting from assaults on officers, by population category. Less than one-fifth of the assaults on officers reported in Iowa in 1980 resulted in injuries to officers. Perhaps surprisingly, assaults in non-SMSA cities and the rural areas were more likely to result in injury than those occurring in the SASAs.

TABLE 6

INJURIES RESULTING FROM ASSAULTS ON OFFICERS BY POPULATION CATEGORY

159	17.1%
773	82.9%
40	26.1%
113	73.9%
14	28.0%
36	72.0%
1	100.0%
0	0.0%
214	18.8%
922	81.2%
1136	100.0%
	773 40 113 14 36 1 0 214 922

Table 7 lists injuries by type of weapon. Overall, about 40 percent of police officers assaulted with a firearm or a weapon other than a knife suffered some type of injury. Officers assaulted with knives suffered injuries 20 percent of the time. Officers experiencing a "strong arm" attack (hands, fist, feet, etc.) suffered injuries about 18 percent of the time. Of all assaults on police officers during 1980, 81 percent resulted in no injuries to officers.

TABLE 7

INJURIES RESULTING FROM ASSAULTS ON OFFICERS BY TYPE OF WEAPON, 1980 IN PERCENT

	Firearms	Knives	Other Weapon	Hands, Fists, Feet, Etc.	TOTAL
Injury	40.0	20.0	41.2	17.5	18.8
No Injury	60.0	80.0	58.8	82.5	81.2
N	10	15	51	1060	1136

-7-

Table 8 shows that the majority of reported assaults on officers (86%) occurred during the evening and night-time hours between 6 P.M. and 6 A.M. A slightly higher percentage of assaults in non-SMSA cities (90.2%) occurred between these hours. The likelihood is that the types of circumstances likely to lead to assaults (e.g., armed robberies, burglaries, domestic disputes) occur most frequently during this period, naturally resulting in more assaults.

SMSA 6 A.M. -6 P.M. -

Other Cities 6 A.M. -6 P.M. -

Rural Areas 6 A.M. -6 P.M. -

DPS 6 A.M. -6 P.M. -

STATE TOTAL 6 A.M. -6 P.M. -

The rate at which assaults on officers are "cleared" by the arrest of a suspect is presented in Table 9. Clearances were least common for assaults resulting from robberies in progress -- only two of three cases were cleared -- but one should be cautious about this finding because of the small number of cases involved. The clearance rate was highest for assaults resulting from ambushes or mentally deranged suspects, as both of these were cleared in all cases. Generally, the clearance rates for all types of assaults were exceptionally high: as a point of reference, one should consider that clearance rates for Part I "property" crimes average only about 15%, and for violent crimes is typically about 55%. Thus, these assaults are cleared in a very high percentage of cases.

TABLE 8

POLICE ASSAULTS BY TIME OF DAY BY POPULATION CATEGORY IOWA, 1980

	N	<u>%</u>
P.M. A.M.	137 795 932	14.7 <u>85.3</u> 100.0
5 P.M. A.M. P.M. A.M.	$ \begin{array}{r} 15 \\ 138 \\ 153 \\ 7 \\ 43 \\ 50 \\ \end{array} $	9.8 90.2 100.0 14.0 86.0 100.0
P.M. A.M.	0 1 1	$ \begin{array}{r} 0.0 \\ \underline{100.0} \\ 100.0 \end{array} $
P.M. A.M.	159 <u>977</u> 1136	14.0 <u>86.0</u> 100.0

The table, too, shows that these high rates of clearance exist in all population groupings. Assaults occurring in SMSAs were cleared in 97.7% of the reported incidents, while other cities and rural areas showed rates of 96.1% and 94.0%, respectively.

TABLE 9

CLEARANCE RATE OF ASSAULTS ON OFFICERS BY POPULATION CATEGORY, IN PERCENT 1980

	Distur- bance <u>Call</u>	Burglary In Progress	Robbery In Progress	Other Arrest	Civil Disorder	Handling Prisoners
SMSA Other Cities Rural Areas STATE TOTAL N	98.4 100.0 <u>92.3</u> 98.3 360	90.0 <u>100.0</u> 92.3 13	66.7 66.7 3	99.1 96.4 <u>87.5</u> 98.2 277	90.6 100.0 <u>100.0</u> 92.5 40	99.2 100.0 75.0 98.7 153

	Invest. Suspicious Person	Ambush	Mentally Deranged	Traffic Pursuit	Other	TOTAL
SMSA Other Cities Rural Areas STATE TOTAL N	96.0 50.0 <u>100.0</u> 92.7 55	100.0 100.0 100.0 2	$ \begin{array}{r} 100.0 \\ 100.0 \\ 100.0 \\ 100.0 \\ 23 \end{array} $	97.6 88.2 <u>100.0</u> 96.6 149	92.9 100.0 <u>100.0</u> 95.1 61	97.7 96.1 94.0 97.4 1136

Data are also available on the assignment of officers at the time of the assault, as shown in Table 10. Assaults are broken down depending on the number of officers assigned to a car -- a one-man car, a two-man car, or other -- whether the officers were in uniform or plain clothes, and whether they were assisted in the progress of the assault.

Table 10 shows this information with all types of assaults grouped together. Persons interested in an itemized breakdown by the situation leading to the assault should consult Appendix I.

	Two Ma	n Car	۱	One Man			n Car			1 <u>Other</u>		1	
•	Uniform	<u>Plain</u>	1 1 1	Un: Alone	iformed Assiste		Plain Alone	Clothes Assisted	י ביי	Alcne	Assisted	ו 1 1	TOTAL
SMSA	514	5	1	103	209	I	2	32	I	13	54	I	932
Other Cities	30	0	L	27	80	1	0	4	ł	2	10	1	153
Rural Areas	1	1	I.	20	18	1	2	0	l	3	5	ł	50
DPS	0	0	t	0	0	I	0	0	1	0	0	Ŧ	1
STATE TOTAL	545	6	ł	150	308	i	4	36	1	18	69	I	1136
PERCENT	48.0	Q.5	ł	13.2	27.1	F	0.4	3.2	ł	1.6	6,1	L	
	\ 48.	5	1	4	0.3	I		3.5	I		7.7	1	
					43	8.8							

The table shows that 48.5% of the assaults on law enforcement officers in Iowa in 1980 occurred with officers assigned to two-man cars. Almost the same percentage ---43.8% -- occurred with one-man cars. Assaults occurred much more frequently when officers were uniformed, as opposed to being in plain clothes. Officers assaulted while in one-man cars in a majority of cases received assistance from other police. Note, however, that such assistance was less common in assaults in the rural areas of the State.

Table 11 shows the percentage of cases in which injuries occurred to officers, broken down by type of assignment. The table shows that injury was by far the most probable when assaults occurred on officers in plain clothes assigned to one-man cars, as 47.5% of these assaults resulted in injury. The next highest percentage of injuries also occurred in assaults on officers in one-man cars, as uniformed officers with such assignments reported injuries in 22.5% of the reported cases.

One should note, however, that the absolute number of assaults on plain-clothes officers on one-man cars was small, perhaps being an indication that this type of assignment is rare in Iowa. Nevertheless, when assaults of this type occurred, injury was most frequent.

TABLE 10

POLICE ASSAULTS BY TYPE OF ASSIGNMENT BY POPULATION CATEGORY, 1980

-10-

The next highest percentage of injuries resulting from assaults occurred when single officers in uniform were assaulted, as 22.5% of these assaults resulted in injury. The least frequent incidence of injury occurred with assaults on officers in two-man cars -- 14.7% resulted in injuries -- and in "other" situations, where 13.8% of the assaults resulted in injury.

The table also shows that the percentage of assaults resulting in injury was most frequent in the rural areas. While assaults were less frequent in these areas than in the SMSAs and other cities, when assaults did occur they more frequently resulted in injury. The SMSAs, by far, showed the lowest percentage of assaults resulting in injury.

TABLE 11

ASSAULTS RESULTING IN INJURY BY TYPE OF ASSIGNMENT, 1980 IN PERCENT

	Two Ma	n Car	I		One	Ma	n Car		1 1	Other	1
			1		formed	- 1		Clothes	1		1
	Uniform	<u>Plain</u>	<u> </u>	lone	Assisted	- I	Alone	Assisted	Alor	e Assisted	TOTAL
SMSA	13.8	0.0	2	5.2	17.2	1	50.0	50.0	1 30.8	9.3	17.1
Other Cities	26.7		, 4	0.7	21.3	ł		50.0	۰.0	30.0	26.8
Rural Areas	100.0	100.0	2	5.0	38.9	1	0.0		1 0.0	0.0	28.0
DPS					100.0	I					100.0
	14.7	20.0	2	8.0	19.8	۱	25.0	50.0	1 22.2	11.6	18.9
	14.	7	•	2	2.5	I	47	7.5		13.8	1
N	545	6		150	308		4	36	18	69	1136.

There also appears to be a slight relationship between the likelihood of making arrests of suspects involved in assaults on officers and whether or not officers were injured, as shown below. While clearances are high regardless of whether officers were injured, clearance rates were highest for assaults not resulting in injuries. This was true in each population category.

TABLE 12

CLEARANCE RATE, BY INJURY STATUS, BY POPULATION CATEGORY, 1980

		NO			
	Personal	Personal			
	Injury	Injury	TOTAL	N	
SMSA	93.1	98.7	97.7	932	
Other Cities	90.2	98.2	96.1	153	
Rural Areas	92.9	94.4	94.0	50	
DPS	100.0		100.0	1	
STATE TOTAL	92.6	98.5	97.4	1136	

This report has analyzed assaults against law enforcement officers in Iowa in 1980. Included here are tables examining the areas in which assaults' have occurred -- SMSAs, non-suburban cities, and rural areas -- the situations leading toward the assaults, the types of weapons used, the type of assignment of officers assaulted, and whether injuries resulted from the assaults.

This is the first of what is expected to be an annual series of reports on assaults on officers in Iowa. Because this is the first report on this topic, no effort has been made to identify yearly trends. Analyses of this type will be contained in future reports.

The report shows that most assaults on officers in Iowa --82%-- occur in Standard Metropolitan Statistical Areas (SMSAs): the counties of Polk/Warren, Johnson, Scott, Dubuque, Black Hawk, Woodbury, Linn, and Pottawattamie. Cities outside these areas reported 13.5% of the assaults, and rural areas and small towns (under 2,000 population) accounted for 4.4%. Non-suburban cities and the rural areas both accounted for a smaller percentage of the total than would be expected based from crime rates, as in 1980 the SMSAs reported 58.5% of the serious crime in Iowa, non-suburban cities reported 26.9%, and rural areas 12.9%.

The rate of assault was also highest in SMSAs, as they reported 50.9 assaults for every 100 officers in 1980, compared with 13.6 per 100 officers in other cities, and 5.2 per 100 officers in rural areas.

Few assaults on officers in Iowa in 1980 involved weapons other than hands and feet. Of the 1,136 assaults reported, only ten involved firearms, 15 involved knives, and 51 involved other weapons. The remainder involved "personal" weapons such as hands and feet. This pattern held true for each of the population categories.

Most assaults arose from situations involving an arrest, as disturbance calls (domestic situations, loud parties, etc.) accounted for almost 32% of the assaults, and other arrests other than for burglary and robbery accounted for another 24% of the assaults. The third most frequent situation resulting in assaults was handling of prisoners.

The vast majority of assaults on officers did not result in injury to the officers. This was true in each population category, although injury was slightly more common in assaults in the non-SMSA areas. Injuries correlated most highly with assaults involving firearms and weapons other than knives and hands and feet.

Assaults in each population category were also most likely to occur between the hours of 6 P.M. and 6 A.M.

Clearance rates for assaults on officers were exceptionally high, as in each population category over 94% of these assaults were cleared by arrest. Assaults in each category also were likely to be directed toward uniformed officers, as opposed to those in plain clothes, and were almost evenly split between officers in one-man and two-man cars.

Summary and Conclusion

APPENDIX I

POLICE ASSAULTS BY TYPE OF ASSIGNMENT BY POPULATION CATEGORY IOWA, 1980

		Two Mar	n Car		One M	an Car	
				Uni	formed	Plain	Clothes
	Type of Assault	Uniform	Plain	Alone	Assisted	Alone	Assisted
	Disturbance Call						
	SMSA	202	0	33	70	1	9
	Other Cities	7	0	6	16	0	0
	Rural Areas	1	$\frac{0}{0}$	$\frac{4}{43}$	$\frac{6}{92}$	$\frac{1}{2}$	0
	TOTAL	210	0	43	92	2	9
	Burglary in Progress						
	SMSA	6	0	1	2	0	1
	Other Cities	0	0	0	0	0	U
ī	Rural Areas	0	<u>0</u>	2	1	$\frac{0}{0}$	0
μ μ	TOTAL	6	ō	$\frac{2}{3}$	3	ō	1
I	Robbery in Progress						
	SMSA	2	0	0	1	0	0
	Other Cities	0	0	0	0	0	0
	Rural Areas	0	0	0	0	0	0
	TOTAL	2	$\frac{0}{0}$	0	$\overline{1}$	0	0
	Other Arrest				-		
	SMSA	119	1	24	58	0	6
	Other Cities	10	0	9	29	0	3
	Rural Areas	0		<u>5</u> 38		0	0
	TOTAL	129	$\frac{0}{1}$	38	$\frac{3}{90}$	$\frac{0}{0}$	9
	Civil Disorder						
	SMSA	10	0	0	8	0	12
	Other Cities	2	0	0	2	0	0
	Rural Areas	0		1	3	0	0
	TOTAL	12	$\frac{0}{0}$	1	$\frac{2}{\frac{3}{13}}$	<u>0</u>	$\frac{0}{12}$
	Handling Prisoner						
	SMSA	52	0	8	20	0	0
	Other Cities	3	0	3	14	0	0
	Rural Areas	0	0	2	1	Ũ	0.
	DPS	. 0	0	0	1	<u>0</u>	0
	TOTAL	55	<u>0</u>	13	36	ō	0

×

 $\frac{1}{2}$ $\hat{n}_{\rm eff}$

0	ther		
Alone	Assisted	TOTAL	
3 0 <u>0</u> 3	$0 \\ 0 \\ -\frac{1}{1}$	318 29 <u>13</u> 360	
0 0 <u>0</u> 0	0 0 0 0	$ \begin{array}{r} 10\\ 0\\ \underline{3}\\ 13 \end{array} $	
0 0 <u>0</u> 0	0 0 0 0	3 0 <u>0</u> 3	
4 0 <u>0</u> 4	2 4 <u>0</u> 6	214 55 <u>8</u> 277	
1 0 <u>0</u> 1	1 0 <u>0</u> 1	$ \begin{array}{r} 32\\ 4\\ -4\\ -40 \end{array} $	
5 1 0 <u>0</u> 6	37 5 1 <u>0</u> 43	122 26 4 <u>1</u> 153	

1.7

 \mathbf{N}

ſ

٦

	100000000000000000000000000000000000000	1
	- 19278 B 6669	▲ ちょう うけのちゅうせい
	- 一辺の市 市たりの市	
	1.	
		and the second second
		and the second s
	「「「「「「」」「「」」	
	一 若國 把握的人员	
	- 1. State 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
	「空気を行きたち」	
	ALC: NOT A	
	- 김영석왕주 삼소 문	
	- ちょう ちかちがす	
- 24월 전 12세 14		
Real of the second second	National State	
a state of the sta	Contraction of the second s	

		Two Ma	n Car		One Ma	n Car		
				Unif	ormed ·		Clothes	
	Type of Assault	Uniform	Plain	Alone	Assisted	Alone	Assisted	Alone
	Investig. Susp. Person							
	SMSA	39	0	7	3	0	0	0
	Other Cities	1	· 0	1	1	0	0	0
	Rural Areas	0	$\frac{0}{0}$	0	0	$\frac{0}{0}$		0
	TOTAL	40	0	8	0	0	0	0
	Ambush					•		
	SMSA	0	0	0	0	0	0	0
	Other Cities	1	0	0	0	0	0	0
	Rural Areas	0	$\frac{1}{1}$	0	0	$\frac{0}{0}$	0	0
	TOTAL	1	ī	0	0	$\overline{0}$	0	0
	Mentally Deranged							
	SMSA	10	0	3	5	0	0	0
	Other Cities	1	0	0	3	0	0	0
	Rural Areas	0	$\frac{0}{0}$	$\frac{-0}{3}$	0	$\frac{1}{1}$	0	0
	TOTAL	11	0	3	8	1	0	0
	Traffic Pursued							
	SMSA	64	2	21	32	0	3	0
	Other Cities	1	0	8	8	0	0	0
	Rural Areas	0	$\frac{0}{2}$	5	4	$\frac{0}{0}$	0 3	0
-14-	TOTAL	65	2	34	44	0	3	0
1	All Other							
	SMSA	10	2	6	10	1	1	0
	Other Cities	4	0	0	7	0	1	1
	Rural Areas	0	$\frac{0}{2}$	1	0	$\frac{0}{1}$	_0	$\frac{-3}{4}$
	TOTAL	14	2	7	17	1	2	4
	Total							
	SMSA	514	5	103	209	2	32	13
	Other Cities	30	0	27	80	0	4	2
	Rural Areas	1	1	20	18	2	0	2 3
	DPS	0	$\frac{0}{6}$	0		$\frac{0}{4}$	0	$\frac{0}{18}$
	TOTAL	545	6	150	308	4	36	18

•
TOTAL
50 4 <u>1</u> 55
$\begin{array}{c} 0\\ 1\\ -\underline{1}\\ 2\end{array}$
$ \begin{array}{r} 18\\ 4\\ \underline{1}\\ 23 \end{array} $
123 17 <u>9</u> 149
42 13 <u>6</u> 61
932 153 50 <u>1</u> 1136



H

END

6