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REPORT TO THE SUBCOMMITTEE
ON LONG-TERM CARE
SPECIAL COMMITTEE ON AGING
UNITED STATES SENATE

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Drugs Provided To Elderly Persons
In Nursing Homes Under The
Medicaid Program B-164031(3)

Social and Rehabilitation Service
Department of Health, Education,
and Welfare

BY THE COMPTROLLER GENERAL
OF THE UNITED STATES

700913

JAN. 5, 1972



COMPTROLLER GENERAL OF THE UNITED STATES
WASHINGTON, D.C. 20548

B-164031(3)

Dear Mr. Chairman:

Enclosed are listings of prescribed drugs provided to recipients of old-age assistance in nursing homes under the Medicaid programs in Illinois, New Jersey, and Ohio. This information was obtained pursuant to your request of July 22, 1971.

On September 10, 1971, we furnished you with the information relating to Illinois only. To assist you in comparing the data in the three States, this report consolidates the drug information on Illinois with New Jersey and Ohio. These comparisons are shown in appendices I through VIII.

Officials who administer the Medicaid drug programs in these States furnished us with computer printouts listing purchases by drug name, number of prescriptions, and amount paid during the first month of each quarter of calendar year 1970. Assisted by a registered pharmacist on our staff, we grouped these drugs into 25 categories. The categories which we used are those contained in the American Hospital Formulary Service published by the American Society of Hospital Pharmacists.

As shown in appendix I, Central Nervous System drugs--which include tranquilizers--represent about 35 percent in Illinois, 36 percent in Ohio and 39 percent in New Jersey of all amounts paid for drugs on behalf of nursing home patients during these months. In appendices II through V we have identified the specific types of drugs which account for the majority of the purchases under the Central Nervous System category.

For 1 month (October 1970), we compared the number of prescriptions and amount paid for drugs provided to recipients of old-age assistance in nursing homes in these three States to drugs provided to all Medicaid recipients within the respective States. These comparisons, included as appendices VI and VII, show that about 11 percent of all prescriptions paid for in New Jersey in that month were for old-age assistance recipients in nursing homes; the percentage was 16 percent in Illinois and 24 percent in Ohio.

Appendix VIII consists of selected statistical information on the Medicaid and intermediate-care programs in Illinois,

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New Jersey, and Ohio for 1970. Appendix IX contains a general definition of the drug categories used in the other appendices.

We plan to make no further distribution of this report unless copies are specifically requested and then we shall make distribution only after your agreement has been obtained or public announcement has been made by you concerning the contents of the report.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "James P. Aronson".

Comptroller General
of the United States

The Honorable Frank E. Moss
Chairman, Subcommittee on Long-Term Care
Special Committee on Aging
United States Senate

APPENDIXES

MEDICAID DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN

JANUARY, APRIL, JULY, AND OCTOBER 1970 FOR DRUGS

FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES

Category	Illinois		New Jersey	
	Prescriptions		Prescriptions	
	Number	Amount	(note a)	Amount
Antihistamine Drugs	6,716	\$ 21,328.43	1,970	\$ 6,155.84
Anti-Infective Agents	20,503	103,455.06	4,620	20,955.40
Antineoplastic Agents	19	73.68	19	66.38
Autonomic Drugs	11,045	44,794.87	2,608	8,667.34
Blood Derivatives	-	-	-	-
Blood Formation and Coagulation	4,430	9,623.40	651	2,161.36
Cardiovascular Drugs	26,689	81,836.27	9,357	28,404.76
Central Nervous System Drugs (note b)	85,294	407,178.18	25,672	105,983.25
Diagnostic Agents	146	228.34	-	-
Electrolytic, Caloric, and Water Balance	24,636	96,896.38	6,423	22,821.87
Enzymes	302	2,288.26	69	398.36
Expectorants and Cough Preparations	3,884	8,842.61	460	1,547.20
Eye, Ear, Nose and Throat Preparations	761	1,572.71	1,251	4,642.69
Gastrointestinal Drugs	32,650	108,458.43	1,712	6,687.83
Gold Compounds	-	-	-	-
Heavy Metal Antagonists	-	-	-	-
Hormones and Synthetic Substitutes	13,852	62,212.44	3,660	15,195.74
Local Anesthetics	-	-	-	-
Oxytocics	-	-	1	3.65
Radioactive Agents	-	-	-	-
Serums, Toxoids and Vaccines	3,429	10,056.74	108	470.62
Skin and Mucous Membrane Preparations	7,167	24,794.98	799	3,870.65
Spasmolytic Agents	3,228	10,398.80	2,151	10,850.74
Vitamins	29,929	84,984.09	3,357	9,709.85
Unclassified Therapeutic Agents	109	638.65	101	507.82
Other Unclassified Drugs (note c)	19,104	85,774.24	5,862	25,243.48
Total	293,893	\$1,165,436.56	70,851	\$274,344.83

^aIncludes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

^bThis category, which includes tranquilizers, represents about 35 percent (Illinois), 39 percent (New Jersey), and 36 percent (Ohio) of all amounts paid for drugs on behalf of nursing home patients.

^cIncludes drugs purchased under national formularies such as the National Formulary and U. S. Pharmacopeia; compounded prescriptions; specifically approved drugs; medical supplies (cotton, gauze, syringes) and other drugs which we could not classify.

APPENDIX I

<u>Ohio</u>		<u>Total</u>	
<u>Prescriptions</u>		<u>Prescriptions</u>	
<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
7,072	\$ 23,048.16	15,758	\$ 50,532.43
16,711	112,956.02	41,834	237,366.48
24	124.17	62	264.23
11,462	43,288.89	25,115	96,751.10
-	-	-	-
2,731	6,211.86	7,812	17,996.62
23,677	75,714.27	59,723	185,955.30
93,416	477,257.57	204,382	990,419.00
1,344	3,778.46	1,490	4,006.80
18,357	72,730.11	49,416	192,448.36
523	3,068.21	894	5,754.83
3,180	7,368.75	7,524	17,758.56
4,199	13,732.82	6,211	19,948.22
30,152	104,977.79	64,514	220,124.05
-	-	-	-
-	-	-	-
12,770	62,141.98	30,282	139,550.16
-	-	-	-
12	14.63	13	18.28
-	-	-	-
279	391.83	3,816	10,919.19
4,064	18,772.63	12,030	47,438.26
8,648	60,050.11	14,027	81,299.65
12,083	38,041.46	45,369	132,735.40
77	811.81	287	1,958.28
<u>42,298</u>	<u>197,417.34</u>	<u>67,264</u>	<u>308,435.06</u>
<u>293,079</u>	<u>\$1,321,898.87</u>	<u>657,822</u>	<u>\$2,761,680.26</u>

MEDICAID DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN

JANUARY, APRIL, JULY, AND OCTOBER 1970

FOR CENTRAL NERVOUS SYSTEM DRUGS

FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES

	<u>Illinois</u>	
	<u>Prescriptions</u>	
	<u>Number</u>	<u>Amount</u>
GENERAL ANESTHETICS	-	\$ -
ANALGESICS AND ANTIPYRETICS	23,726	115,020.09
NARCOTIC ANTAGONISTS	-	-
ANTICONVULSANTS	2,151	5,554.54
PSYCHOTHERAPEUTIC AGENTS:		
Antidepressants	3,456	22,496.69
Tranquilizers	32,153	207,015.48
Other psychotherapeutic agents	186	1,367.54
RESPIRATORY AND CEREBRAL STIMULANTS	1,615	6,721.23
SEDATIVES AND HYPNOTICS	<u>22,007</u>	<u>49,002.61</u>
Total	<u>85,294</u>	<u>\$407,178.18</u>

^aIncludes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

<u>New Jersey</u> <u>Prescriptions</u> <u>(note a)</u>		<u>Ohio</u> <u>Prescriptions</u>		<u>Total</u> <u>Prescriptions</u>	
<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
-	\$ -	1	\$ 5.40	1	\$ 5.40
5,452	23,606.68	20,632	103,452.08	49,810	242,078.85
-	-	-	-	-	-
742	1,922.54	3,840	8,122.90	6,733	15,599.98
1,878	9,949.02	5,073	39,179.74	10,407	71,625.45
10,749	52,265.10	36,052	265,100.73	78,954	524,381.31
-	-	4	8.10	190	1,375.64
523	2,061.21	2,367	11,278.39	4,505	20,060.83
<u>6,328</u>	<u>16,178.70</u>	<u>25,447</u>	<u>50,110.23</u>	<u>53,782</u>	<u>115,291.54</u>
<u>25,672</u>	<u>\$105,983.25</u>	<u>93,416</u>	<u>\$477,257.57</u>	<u>204,382</u>	<u>\$990,419.00</u>

APPENDIX III

MEDICAID DRUG PROGRAM, ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN JANUARY, APRIL, JULY, AND OCTOBER 1970 FOR ANALGESICS AND ANTIPIRETICS FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES

Name	Illinois		New Jersey		Ohio		Total	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Acetaminophen	944	\$ 2,687.44	-	\$ -	-	\$ -	944	\$ 2,687.44
Amytal with Aspirin	-	-	-	-	6	15.26	6	15.26
Anacin	-	-	-	-	223	380.80	223	380.80
Analgesic Balm	105	111.94	-	-	-	-	105	111.94
APC	291	314.98	-	-	316	336.52	607	651.50
APC with Demerol	-	-	3	7.09	-	-	3	7.09
Arthropan	-	-	-	-	5	25.34	5	25.34
A.S.A.	-	-	-	-	951	1,973.85	951	1,973.85
A.S.A. and Codeine	-	-	1	2.48	-	-	1	2.48
Ascriptin with Codeine	-	-	2	2.85	-	-	2	2.85
Aspirin	297	356.15	-	-	457	490.50	754	846.65
Aspirin, buffered	539	797.14	-	-	-	-	539	797.14
Aspirin, enteric coated	2,276	6,449.56	-	-	-	-	2,276	6,449.56
Bufferin	-	-	-	-	1,055	1,952.91	1,055	1,952.91
Butazolidin	636	3,802.40	268	1,105.04	208	1,039.34	1,112	5,946.78
Calurin	-	-	-	-	31	59.94	31	59.94
Codeine	-	-	-	-	42	126.53	42	126.53
Codeine with Aspirin, Phenacetin and Caffeine	1,104	3,079.14	-	-	-	-	1,104	3,079.14
Codeine Sulfate	-	-	25	89.69	-	-	25	89.69
Codeine Phosphate	26	68.73	-	-	10	18.60	36	87.33
Colchicine	53	138.42	14	38.31	35	72.93	102	249.66
Crystoids	1	1.25	-	-	-	-	1	1.25
Daprisal	-	-	19	84.65	34	137.46	53	222.11
Darvon	1,790	9,087.60	859	3,459.45	2,012	12,084.15	4,661	24,631.20
Darvon Compound	10,524	59,491.90	2,750	11,868.28	8,189	50,200.48	21,463	121,560.66
Darvon with A.S.A.	341	2,125.43	27	103.35	252	1,430.38	620	3,659.16
Darvo-Tran	-	-	11	62.38	61	309.75	72	372.13
Demerol	134	445.94	83	243.82	368	1,069.67	585	1,759.43
Dilaudid	9	19.44	5	19.45	7	34.16	21	73.05
Dolophine	-	-	5	11.73	15	16.53	20	28.26
Edrisal	-	-	-	-	2	7.73	2	7.73
Empirin with Codeine	-	-	26	92.92	358	873.38	384	966.30
Empirazil	-	-	-	-	33	111.40	33	111.40
Excedrin	-	-	-	-	4	6.39	4	6.39
Fiorinal	236	709.36	103	321.37	355	1,034.37	694	2,065.10
Gelpirin	-	-	-	-	36	41.11	36	41.11
Indocin	2,126	16,636.09	629	3,613.12	1,722	14,340.31	4,477	34,589.52
Leritine	5	16.42	-	-	5	13.30	10	29.72
Levo-Dromoran	-	-	3	8.23	1	7.95	4	16.18
Liquiprin	-	-	-	-	1	1.00	1	1.00
Methadone Hydrochloride	6	16.26	-	-	-	-	6	16.26
Morphine	-	-	-	-	74	180.26	74	180.26
Morphine Sulfate	9	26.12	7	15.17	-	-	16	43.36
Morphine and Atropine	-	-	2	6.14	-	-	2	6.14
Nebes	-	-	-	-	1	2.07	1	2.07
Numorphan	-	-	-	-	9	46.79	9	46.79
Opium and Belladonna Suppositories	-	-	-	-	1	2.66	1	2.66
Pabalate	411	1,585.14	3	14.05	222	1,070.07	636	2,669.26
Pabalate (Sodium free)	844	3,579.33	19	63.43	166	671.77	1,029	4,314.53
PAC with Gelsemium	-	-	-	-	1	1.00	1	1.00
Pantopon	-	-	-	-	1	4.80	1	4.80
Percobarb	-	-	1	3.06	1	3.71	2	6.77
Percodan	72	278.86	90	341.89	309	1,025.24	471	1,645.99
Phenacetin	-	-	-	-	1	1.90	1	1.90
Phenaphen	-	-	22	58.10	263	629.30	285	687.40
Ponstel	-	-	12	54.12	116	623.95	128	678.07
Procaine Solution	-	-	-	-	11	11.00	11	11.00
Protamide	-	-	-	-	10	136.83	10	136.83
Pyrilgin	-	-	-	-	34	65.61	34	65.61
Sodium Salicylate	637	1,620.97	1	2.85	442	771.29	1,080	2,395.11
Sterazolidin	-	-	30	124.41	48	276.81	78	401.22
Talwin	310	1,572.01	359	1,431.24	1,202	6,126.97	1,871	9,130.22
Tandearil	-	-	29	136.70	45	276.56	74	413.26
Tempra	-	-	-	-	9	32.73	9	32.73
Tybatran	-	-	2	8.20	37	337.07	39	345.27
Tylenol	-	-	7	22.52	719	2,182.52	726	2,205.04
Zactane	-	-	-	-	7	28.53	7	28.53
Zactirin	-	-	-	-	-	-	-	-
Total	23,726	\$115,020.09	5,452	\$23,606.68	20,632	\$103,452.08	49,810	\$242,078.85

^a Includes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

BEST DOCUMENT AVAILABLE

APPENDIX IV

MEDICAID DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN
 JANUARY, APRIL, JULY, AND OCTOBER 1970 FOR TRANQUILIZERS
 FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES

Name	Illinois		New Jersey		Ohio		Total	
	Prescriptions		Prescriptions (note a)		Prescriptions		Prescriptions	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Atarax	-	\$ -	402	\$ 1,948.64	460	\$ 3,312.19	862	\$ 5,260.83
Bucladin	-	-	-	-	25	103.56	25	103.56
Combid	323	1,910.00	124	596.81	453	3,929.12	900	6,435.93
Compazine	1,179	5,313.91	240	1,096.46	1,082	6,485.06	2,501	12,895.43
Deprol	-	-	44	228.54	140	2,203.12	284	2,431.66
Equagesic	189	1,423.81	103	484.61	444	3,811.40	736	5,719.82
Equanil	-	-	195	900.37	1,043	7,060.91	1,238	7,961.28
Eskatrol	-	-	-	-	47	220.59	47	220.59
Fluphenazine								
Dihydrochloride	181	1,157.57	-	-	-	-	181	1,157.57
Haldol	258	2,178.01	214	1,341.74	515	5,463.06	987	8,982.81
Hydroxyzine	1,321	10,384.23	-	-	-	-	1,321	10,384.23
Librax	246	1,577.79	116	581.86	253	1,696.43	615	3,856.08
Librium	3,265	21,351.37	1,036	4,691.59	2,958	20,823.57	7,259	46,866.53
Mellaril	6,854	53,526.51	3,078	16,234.04	8,045	69,121.48	17,977	138,882.03
Menrium	-	-	5	16.98	9	55.47	14	72.45
Meproamate	1,738	7,346.58	292	893.04	494	2,130.01	2,524	10,369.63
Meprospan	-	-	10	57.90	135	895.83	145	953.73
Meprotab	-	-	-	-	2	37.19	2	37.19
Miltown	-	-	109	454.22	453	2,955.86	562	3,410.08
Navane	-	-	70	388.85	252	2,423.12	322	2,811.97
Permitil	-	-	2	7.51	44	228.49	46	236.00
Proketazine	-	-	8	24.79	211	1,364.49	219	1,389.28
Prolixin	-	-	48	196.63	148	970.25	196	1,166.88
Prozine	-	-	5	44.45	104	664.25	109	708.70
Serentil	-	-	6	23.80	-	-	6	23.80
Serax	227	1,542.32	95	442.36	397	2,525.87	719	4,510.55
Softran	-	-	-	-	7	31.99	7	31.99
Solacen	-	-	-	-	53	148.48	53	148.48
Sparine	2,164	15,006.00	379	1,948.00	1,523	10,611.27	4,066	27,565.27
Stelazine	1,100	8,059.72	279	1,589.59	1,622	14,065.95	3,001	23,715.26
Taractan	-	-	80	357.33	405	3,045.30	485	3,402.63
Thorazine	10,146	55,924.11	2,656	11,949.55	10,324	64,428.65	23,126	132,302.31
Tindal	-	-	-	-	48	252.10	48	252.10
Tranco-Gesic	-	-	17	117.68	13	84.87	30	202.55
Trancopal	19	115.28	1	4.73	13	100.00	33	220.01
Trilafon	895	6,038.73	33	156.83	688	5,677.32	1,616	11,872.88
Ultran	-	-	2	4.80	1	5.37	3	10.17
Valium	1,901	13,270.28	922	4,332.65	2,485	19,214.31	5,308	36,817.24
Vesprin	147	889.26	1	5.50	106	800.99	254	1,695.75
Vistaril	-	-	177	1,143.25	950	8,152.81	1,127	9,296.06
Total	32,153	\$207,015.48	10,749	\$52,265.10	35,952	\$265,100.73	78,954	\$524,381.31

^aIncludes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

MEDICAL DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN

JANUARY, APRIL, JULY, AND OCTOBER 1970 FOR SEDATIVES AND HYPNOTICS

FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES

Name	Illinois		New Jersey Prescriptions (note a)		Ohio		Total	
	Prescriptions		Prescriptions		Prescriptions		Prescriptions	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Alurate Elixer	-	\$ -	2	\$ 5.97	23	\$ 41.33	25	\$ 47.30
Algoson	-	-	-	-	3	11.49	3	11.49
Amesec	-	-	16	55.09	84	246.63	100	301.72
Amobarbital	277	545.53	-	-	-	-	277	545.53
Amobarbital Sodium	325	711.99	-	-	-	-	325	711.99
Amytal	-	-	8	18.32	69	81.24	77	99.56
Amytal Sodium	-	-	14	34.25	109	168.55	123	202.80
Beta-Chlor	-	-	14	44.20	324	1,109.60	338	1,153.80
Butabarbital	-	-	-	-	55	76.75	55	76.75
Butabarbital Sodium	1,306	3,157.47	-	-	-	-	1,306	3,157.47
Butibel	-	-	30	87.19	132	312.24	162	399.43
Butibelzyme	-	-	5	32.45	49	359.94	54	392.39
Buticaps	-	-	-	-	33	95.86	33	95.86
Butigetic	-	-	-	-	4	14.57	4	14.57
Butisol	-	-	168	440.31	1,123	2,695.97	1,291	3,136.28
Carbital	-	-	67	166.69	550	907.57	617	1,074.26
Chloral Hydrate	6,141	15,294.31	675	1,590.42	1,448	2,579.37	8,264	19,464.10
Dalmane	-	-	25	77.36	-	-	25	77.36
Dimethacol	-	-	-	-	1	9.00	1	9.00
Doriden	2,964	8,419.60	975	2,915.07	3,863	9,794.08	7,802	21,128.75
Eskabarb	-	-	14	44.44	17	41.71	31	86.15
Ethobral	-	-	-	-	11	19.36	11	19.36
Ipral	-	-	-	-	2	3.02	2	3.02
Ipral Calcium	-	-	3	7.55	-	-	3	7.55
Levoprome	-	-	-	-	9	65.25	9	65.25
Lotusate	-	-	3	9.00	9	15.90	12	24.90
Medomin	-	-	-	-	3	8.19	3	8.19
Nebralin	-	-	1	3.35	30	87.57	31	90.92
Nembutal	-	-	653	1,524.52	1,621	2,219.19	2,274	3,743.71
Noctec	-	-	899	2,466.13	5,234	11,489.12	6,133	13,955.25
Noludar	-	-	344	1,087.72	1,123	3,187.30	1,467	4,275.02
Paraldehyde	-	-	-	-	7	22.45	7	22.45
Parest	-	-	5	17.13	57	120.11	62	137.24
Pentobarbital	-	-	-	-	55	63.51	55	63.51
Pentobarbital Sodium	2,187	3,643.83	-	-	-	-	2,187	3,643.83
Phenobarbital	4,043	6,579.52	1,062	2,129.89	4,558	4,639.36	9,663	13,348.77
Phenobarbital with Belladonna	-	-	8	17.65	-	-	8	17.65
Placidyl	1,932	5,808.53	251	715.83	1,416	3,655.68	3,599	10,180.04
Quaalude	-	-	147	463.95	669	1,692.45	816	2,156.40
Quadra-Bar	-	-	-	-	2	2.00	2	2.00
Secobarbital	-	-	34	61.09	91	91.30	125	152.39
Secobarbital Sodium	2,832	4,841.83	-	-	-	-	2,832	4,841.83
Seconal	-	-	-	-	1,530	1,913.14	1,530	1,913.14
Seconal Sodium	-	-	631	1,468.22	-	-	631	1,468.22
Sominex	-	-	-	-	12	21.70	12	21.70
Somnafac	-	-	-	-	2	6.62	2	6.62
Somnos	-	-	5	15.40	169	442.36	174	457.76
Sopor	-	-	-	-	174	527.34	174	527.34
Stental Extentabs	-	-	1	5.00	-	-	1	5.00
Triple Bromides	-	-	-	-	1	1.00	1	1.00
Tuinal	-	-	262	659.75	736	1,178.03	998	1,837.78
Valmid	-	-	6	14.76	39	92.38	45	107.14
Total	22,007	\$49,002.61	6,328	\$16,178.70	25,447	\$50,110.23	53,782	\$115,291.54

^aIncludes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

MEDICAID DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN OCTOBER 1970
 FOR DRUGS FOR RECIPIENTS OF OLD-AGE ASSISTANCE IN NURSING HOMES
 COMPARED TO DRUGS PROVIDED TO ALL RECIPIENTS STATEWIDE

	Illinois Prescriptions					
	Statewide		Nursing homes		Percent of nursing homes to Statewide	
	Number	Amount	Number	Amount	Number	Amount
Antihistamine Drugs	27,830	\$ 81,404.68	1,693	\$ 5,700.90	6	7
Anti-Infective Agents	69,214	343,191.78	5,359	27,471.46	8	8
Antineoplastic Agents	45	369.07	2	11.33	4	3
Autonomic Drugs	18,470	71,825.36	3,295	13,407.21	18	19
Blood Derivatives	-	-	-	-	-	-
Blood Formation and Coagulation	6,598	15,740.92	1,287	2,902.24	20	18
Cardiovascular Drugs	33,717	118,541.97	7,842	24,503.65	23	21
Central Nervous System Drugs	144,809	652,065.07	25,202	119,722.56	17	18
Diagnostic Agents	1,381	2,075.13	47	77.06	3	4
Electrolytic, Caloric, and Water Balance	31,355	131,243.10	7,562	29,750.46	24	23
Enzymes	1,328	9,102.98	58	433.75	4	5
Expectorants and Cough Preparations	14,362	38,744.77	885	2,070.60	6	5
Eye, Ear, Nose and Throat Preparations	8,367	17,725.23	305	600.37	4	3
Gastrointestinal Drugs	35,753	109,267.99	9,835	32,518.42	28	30
Gold Compounds	-	-	-	-	-	-
Heavy Metal Antagonists	-	-	-	-	-	-
Hormones and Synthetic Substitutes	38,371	178,644.60	4,096	18,333.18	11	10
Local Anesthetics	-	-	-	-	-	-
Oxytocics	230	494.14	-	-	-	-
Radioactive Agents	-	-	-	-	-	-
Serums, Toxoids and Vaccines	6,513	20,056.59	1,211	3,670.19	19	18
Skin and Mucous Membrane Preparations	21,258	72,787.60	2,504	8,980.49	12	12
Spasmodic Agents	7,545	26,637.41	1,109	3,296.76	15	12
Vitamins	38,310	113,582.15	9,397	26,715.97	25	24
Unclassified Therapeutic Agents	508	2,400.32	29	165.65	6	7
Other Unclassified Drugs (note b)	33,956	140,032.46	7,346	32,475.24	22	23
Total	539,920	\$2,145,933.32	89,064	\$352,807.49	16	16

^aIncludes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

^bIncludes drugs purchased under national formularies such as the National Formulary and U.S. Pharmacopeia; compounded prescriptions; specifically approved drugs; medical supplies (cotton, gauze, syringes) and other drugs which we could not classify.

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New Jersey Prescriptions (note a)						Ohio Prescriptions					
Statewide		Nursing homes		Percent of nursing homes to Statewide		Statewide		Nursing homes		Percent of nursing homes to Statewide	
Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount	Number	Amount
21,973	\$ 65,508.34	813	\$ 2,536.11	4	4	12,215	\$ 35,685.20	1,659	\$ 5,535.69	14	16
47,334	218,646.55	1,868	8,397.41	4	4	26,064	152,623.95	3,876	26,486.53	15	17
73	408.83	9	30.43	12	7	68	572.34	9	44.75	13	8
9,204	31,615.45	971	3,137.56	11	10	11,444	43,979.01	2,828	10,768.82	25	24
9	36.51	-	-	-	-	-	-	-	-	-	-
3,137	9,744.85	399	1,286.45	13	13	3,077	10,123.44	690	1,587.70	22	16
15,507	57,574.31	3,797	11,818.48	24	21	24,458	94,349.91	6,115	19,491.53	25	21
64,672	275,799.98	10,281	42,185.37	16	15	97,272	471,203.40	23,981	117,836.55	25	25
288	619.61	-	-	-	-	910	2,283.50	352	1,000.54	39	44
11,816	47,805.54	2,629	9,240.49	22	19	18,156	77,294.72	3,610	13,843.39	20	18
599	3,203.55	30	165.12	5	5	545	3,659.79	144	1,062.90	26	29
7,730	22,050.06	182	626.25	2	3	4,994	11,601.20	614	1,494.71	12	13
8,372	29,872.42	513	1,934.22	6	6	6,654	22,263.21	1,131	3,335.27	17	15
7,252	22,680.12	701	2,601.17	10	11	19,874	69,596.65	7,713	27,244.42	39	39
-	-	-	-	-	-	8	17.90	-	-	-	-
-	-	-	-	-	-	2	33.60	-	-	-	-
21,165	88,398.35	1,615	6,318.83	8	7	19,800	93,629.00	4,160	19,856.04	21	21
-	-	-	-	-	-	-	-	-	-	-	-
219	557.92	-	-	-	-	93	120.78	2	2.74	2	2
-	-	-	-	-	-	1	15.20	-	-	-	-
163	798.36	45	186.21	28	23	65	298.73	2	10.71	3	4
6,527	26,720.68	376	1,813.97	6	7	5,936	25,458.45	1,033	5,333.48	17	21
5,409	21,387.43	912	4,634.36	17	22	7,223	42,877.68	2,200	15,143.02	30	35
15,264	59,175.11	2,153	5,867.25	14	10	7,027	21,369.06	2,923	9,224.07	42	43
431	2,046.25	83	455.12	19	22	334	2,440.37	67	633.56	20	26
22,715	88,322.87	2,326	10,394.11	10	12	45,429	191,554.46	10,764	43,524.14	24	23
<u>269,859</u>	<u>\$1,072,973.09</u>	<u>29,703</u>	<u>\$113,628.91</u>	<u>11</u>	<u>11</u>	<u>311,649</u>	<u>\$1,373,051.55</u>	<u>73,873</u>	<u>\$323,460.56</u>	<u>24</u>	<u>24</u>

MEDICAID DRUG PROGRAM--ILLINOIS, NEW JERSEY, AND OHIO

NUMBER OF PRESCRIPTIONS AND AMOUNT PAID IN OCTOBER 1970
 FOR CENTRAL NERVOUS SYSTEM DRUGS FOR RECIPIENTS OF OLD-AGE ASSISTANCE
 IN NURSING HOMES COMPARED TO SIMILAR DRUGS PROVIDED TO ALL RECIPIENTS STATEWIDE

	Illinois Prescriptions					
	State-wide		Nursing homes		Percent of nursing homes to State-wide	
	Number	Amount	Number	Amount	Number	Amount
GENERAL ANESTHETICS	-	\$ -	-	\$ -	-	-
ANALGESICS AND ANTIPYRETICS	56,573	227,899.34	6,939	33,650.54	12	15
NARCOTIC ANTAGONISTS	-	-	-	-	-	-
ANTICONVULSANTS	4,878	14,001.00	614	1,612.90	13	12
PSYCHOTHERAPEUTIC AGENTS:						
Antidepressants	4,546	30,509.89	1,125	7,613.32	25	25
Tranquilizers	49,378	310,415.89	9,464	59,562.87	19	19
Other psychotherapeutic agents	331	2,157.62	47	366.50	14	17
RESPIRATORY AND CEREBRAL STIMULANTS	3,977	13,426.68	512	2,154.34	13	16
SEDATIVES AND HYPNOTICS	<u>25,126</u>	<u>53,654.65</u>	<u>6,501</u>	<u>14,762.09</u>	26	28
Total	<u>144,809</u>	<u>\$652,065.07</u>	<u>25,202</u>	<u>\$119,716.56</u>	17	18

^a Includes drugs purchased for Cuban refugees and the aged which were not paid for under Medicaid. The number of prescriptions and amount, however, were insignificant.

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APPENDIX VII

New Jersey Prescriptions (note a)						Ohio Prescriptions					
<u>State-wide</u>		<u>Nursing homes</u>		<u>Percent of nursing homes to State-wide</u>		<u>State-wide</u>		<u>Nursing homes</u>		<u>Percent of nursing homes to State-wide</u>	
<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
-	\$ -	-	\$ -	-	-	1	\$ 5.40	1	\$ 5.40	100	100
22,258	83,750.41	2,074	9,068.47	9	11	30,346	136,073.05	5,324	26,125.87	18	19
-	-	-	-	-	-	1	2.10	-	-	-	-
2,649	8,421.93	256	687.59	10	8	3,254	8,064.38	981	2,159.47	30	27
4,145	25,500.23	747	3,855.31	18	15	4,899	40,530.20	1,361	10,510.23	28	26
24,657	126,998.20	4,512	21,346.09	18	17	33,202	222,922.89	9,413	63,973.56	28	29
13	39.97	-	-	-	-	2	5.76	-	-	-	-
1,234	5,219.96	196	804.22	16	15	6,003	26,908.26	581	2,706.02	10	10
<u>9,716</u>	<u>25,869.28</u>	<u>2,496</u>	<u>6,423.69</u>	26	25	<u>19,564</u>	<u>36,691.36</u>	<u>6,320</u>	<u>12,356.00</u>	32	34
<u>64,672</u>	<u>\$275,799.98</u>	<u>10,281</u>	<u>\$41,185.37</u>	16	15	<u>97,272</u>	<u>\$471,203.40</u>	<u>23,981</u>	<u>\$117,836.55</u>	25	25

APPENDIX VIII

SELECTED STATISTICAL INFORMATION ON ILLINOIS,
NEW JERSEY, AND OHIO MEDICAID AND INTERMEDIATE CARE
PROGRAMS FOR CALENDAR YEAR 1970

	<u>ILLINOIS</u>	<u>NEW JERSEY</u>	<u>OHIO</u>
MEDICAID PROGRAM:			
Started	Jan. 1966	Jan. 1970	July 1966
1970 expenditures:			
Amount (millions)	\$200.6	\$130.9	\$120.0
Federal share (millions)	\$100.3	\$ 62.7	\$ 62.9
DRUGS:			
Percent of total Medicaid expenditures for drugs	11	8	14
1970 expenditures:			
Amount (millions)	\$22.2	\$10.4	\$16.9
Federal share (millions)	\$11.1	\$ 5.2	\$ 8.9
SKILLED NURSING CARE:			
Percent of total Medicaid expenditures for skilled nursing care	3	33	24
1970 expenditures:			
Amount (millions)	\$5.3	\$43.5	\$28.6
Federal share (millions)	\$2.7	\$20.7	\$15.0
Patient days of care paid for	598,349	2,375,411	2,810,826
INTERMEDIATE-CARE (note a):			
1970 expenditures:			
Amount (millions)	\$62.6	(b)	\$27.7
Federal share (millions)	\$31.3		\$14.5
Patient days of care paid for	7,773,530		3,475,479

^a Provided to eligible persons not in need of skilled nursing care but in need of more intensive care than that provided in residential facilities.

^b New Jersey did not participate in the intermediate-care program in calendar year 1970.

GENERAL DEFINITION OF DRUG CATEGORIES

Antihistamine Drugs--Products used to alleviate the symptoms of hayfever, allergy, and the common cold.

Anti-Infective Agents--Products used in the treatment of bacterial and viral diseases.

Antineoplastic Agents--Products used in the treatment of cancer.

Autonomic Drugs--Products whose primary effect is on the nervous system and includes drugs used to treat abnormalities in smooth muscle tone and certain abnormal eye conditions.

Blood Derivatives--Products used in blood replacement.

Blood Formation and Coagulation--Products used to enhance formation of blood cell products and components, including the treatment of anemia and the treatment and prevention of blood clotting.

Cardiovascular Drugs--Products used to treat abnormal blood pressure, heart congestion, and cardiac insufficiency.

Central Nervous System Drugs--Products whose primary effect is on the brain and are used to excite, sedate, tranquilize, or relieve pain.

Diagnostic Agents--Products used to diagnose diseases and in laboratory analysis.

Electrolytic, Caloric, and Water Balance--Products used to restore water balance of body fluids. Also, products are used to help eliminate abnormal water retention in tissues.

Enzymes--Products derived from naturally occurring substances and generally used to expedite or retard a natural body process. Frequently, these products are also used to treat undesirable blood coagulation.

APPENDIX IX

Expectorants and Cough Preparations--Products used to alleviate coughs and to break up excessive sputum.

Eye, Ear, Nose, and Throat Preparations--Anti-infectives, anti-inflammatories, and pain reducers used in treatment of eye, ear, nose, or throat disorders.

Gastrointestinal Drugs--Drugs used to treat hyper-acidity, diarrhea, nausea, and vomiting.

Gold Compounds--Products containing gold and generally used in treatment of rheumatoid arthritis.

Heavy Metal Antagonists--Products used primarily to treat certain types of poisoning.

Hormones and Synthetic Substitutes--Products used to treat hormonal deficiencies, inflammations, diabetes, and thyroid conditions.

Local Anesthetics--Preparations used for relieving pain on body surfaces, joints, and mucous membranes.

Oxytocics--Products used to control or induce uterine contractions.

Radioactive Agents--Radioactive products used most frequently as diagnostic agents or tracers.

Serums, Toxoids, and Vaccines--Naturally occurring substances generally used to treat or prevent infection and to treat certain types of poisoning.

Skin and Mucous Membrane Preparations--Products used to treat infections, inflammations, and itching of the skin.

Spasmodic Agents--Products which act largely on smooth muscle tissue in treating asthma and occasionally in treating gastrointestinal disorders.

Vitamins--Products used to supplement body enzymes.

Unclassified Therapeutic Agents--Products of naturally occurring substances which are not classified elsewhere.