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# VD STATISTICAL LETTER



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**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE**  
**Public Health Service**

**U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE  
Public Health Service  
Bureau of State Services - Division of Special Health Services  
Venereal Disease Program  
Office of Statistics**

**LIMITED EDITION**

**This paper has been prepared for a special  
audience, and should not be listed in reading  
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## ANALYSIS OF CONTACT INVESTIGATION IN THE VD PROGRAM

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In the Introduction of the Quarterly Epidemiologic Activity Report for Venereal Disease (27) and the Quarterly Report of Unproductive Contact Investigation (PHS-212a), an inventory is provided both for an over-all survey of the accomplishment of the contact program and for close surveillance of each element of the process. In this issue, tables 3 and 4 indicate for most of the States the over-all accomplishment and specific

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# ANALYSIS OF CONTACT INVESTIGATION IN THE VD PROGRAM

With the introduction of the Quarterly Epidemiologic Activity Report for Venereal Diseases (PHS-2127) and the Quarterly Report of Unproductive Contact Investigation (PHS-2126), an excellent opportunity is provided both for an over-all survey of the accomplishments of the contact investigation program and for close surveillance of each element of the process. In this issue the tables on pages 3 and 4 indicate for most of the States the over-all accomplishment and specific unproductive elements of contact investigation.

The accomplishments of the contact investigation program are measured by a series of ratios and percentages based on contact investigation among cases of primary and secondary syphilis. All of the ratios excluding the percentage of contacts examined are based on cases of primary and secondary syphilis reported by clinics, hospitals, or other institutions as obtained from the quarterly Morbidity Report (PHS-688).

The various ratios and their sources are shown in the table below:

## SOURCES OF DATA FOR TABLE "RESULTS OF CONTACT INVESTIGATION"

Clinic Cases Reported	Contacts Obtained Per Case Reported	Percent of Contacts Examined	Contacts Infected With Syphilis Per Case Reported	Contacts Brought or Returned to Treatment for Syphilis Per Case Reported	Contacts With Lesion Syphilis Per Case Reported
Primary and secondary syphilis cases reported from Clinics, Hospitals, and Other Institutions section of PHS-688. Referred to as X in Subsequent columns.	B/X	G/G+H	$\frac{L+M+N+Q}{X}$	$\frac{L+M+N}{X}$	$\frac{L}{X}$

Letters other than X refer to column designations on PHS-2127 for line 21, contacts of primary and secondary syphilis in clinics and P&C Centers.

The interpretation of these ratios are generally similar to the contact investigation indices obtained from the Special Semi-Annual Contact Investigation Report which is no longer in use. Strictly interpreted, these new ratios cannot be directly compared to the old indices because the old indices presented the results of investigation for the contacts named by a given number of patients whereas the new ratios present the relationship between the results of

investigation of contacts investigated during a given period and reported cases during the same period. The contacts investigated during the period may not be exactly the same as those named by the patients reported during the period. (To those familiar with the terms, the old indices were based on an "evaluation" report whereas the new ratios are based on an "activity" report.)

As indicated by the table on page 3 for all areas which reported during July-December 1953, there was an average of 2.71 contacts named per case of primary or secondary syphilis reported by public facilities (or 271 contacts per 100 reported cases). About 67 percent of the contacts investigated were brought to examination. For every 100 cases reported, 58 contacts infected with syphilis were identified, of whom 35 were brought or returned to treatment. Twenty contacts with lesion syphilis were diagnosed for every hundred such cases reported. Since ideally one should be able to identify at least one infected contact for every case reported, it is clear that the present accomplishment still has far to go.

Just where this accomplishment can be improved upon (i.e., where the process falls down on the job) is the subject of the Report of Unproductive Contact Investigation. Epidemiologic failure rates based on this report were explained in the November 1953 Statistical Letter (Number 39), and the failure rates were presented for eleven cities and States (unidentified) for the period January-June 1953. In that issue we also requested comments on the advisability of publishing the data with the States identified. In the absence of response to that inquiry, it was assumed that there is no objection.

The table on page 4 shows the extent to which the epidemiologic processes on diagnosed cases of primary or secondary syphilis failed to produce an infected contact within 30 days in those States and cities which have reported. The over-all percentage of epidemiologic failures is 45.7 for the first fiscal quarter and 47.6 for the second. This means that no infected contacts were found within 30 days for about half of the primary or secondary syphilis cases reported by public facilities. By comparing the two quarters for individual States one can tell which States have improved their epidemiologic processes during the 6 months. For all areas reporting there has been little if any improvement since these computations were started in January 1953.

For the eleven unidentified areas as reported in the Statistical Letter of November 1953 the over-all failure rate for January-June 1953 was 48.3 percent, and for July-December it was 47.2. There were slight reductions in failures to interview and to secure contacts but these gains were almost entirely lost by an increase in the failure to find infected contacts. In the eleven areas, 6 decreased their failures and 5 had higher rates.

There is one contribution to the failure rates which is beyond the control of the State. It occurs when all the contacts named by the patient live in another State. However, the evidence at hand indicates this problem is small in most areas. Its contribution to the failure rate can be reduced if each State will investigate and report epidemiologic results on referred contacts with the same dispatch necessary to keep its own failure rate low.

Statistical analyses of the data indicate there is a very significant negative correlation between the size of the contact index and the failure rates, i.e., the higher the index the lower the failure rate. This confirms previous findings that productive interviewing is an important factor in preventing epidemiologic failures.

**RESULTS OF CONTACT INVESTIGATION, BY AREA REPORTING  
PRIMARY AND SECONDARY SYPHILIS**

July - December 1953

STATES REPORTING BY HEW REGIONS	Clinic Cases Reported <sup>a/</sup>	Contacts Obtained Per Case Reported	Percent of Contacts Examined	Contacts Infected With Syphilis Per Case Reported	Contacts Brought or Returned To Treatment For Syphilis Per Case Reported	Contacts With Lesion Syphilis Per Case Reported
REGION I TOTAL	39	1.13	83.7	0.23	0.08	0.08
Connecticut	6	1.33	50.0	0	0	0
Maine	1	0	-	0	0	0
Massachusetts	31	1.16	89.2	0.29	0.10	0.10
New Hampshire	0	-	-	-	-	-
Rhode Island	1	0	-	0	0	0
Vermont	0	-	-	-	-	-
REGION II TOTAL	344	1.28	58.3	0.20	0.11	0.02
Delaware	3	4.67	25.0	0	0	0
New Jersey	57	0.54	61.3	0.09	0.04	0
New York	205 <sup>b/</sup>	1.37 <sup>b/</sup>	55.3 <sup>b/</sup>	0.19 <sup>b/</sup>	0.10 <sup>b/</sup>	0.01 <sup>b/</sup>
New York City	199	1.39	55.5	0.13	0.11	0.01
Pennsylvania	79	1.46	68.1	0.32	0.20	0.08
Philadelphia	47	1.43	68.4	0.32	0.21	0.09
Pittsburgh	8	2.62	72.7	0.62	0.50	0.12
CONT. REGION III TOTAL	328	2.68	71.5	0.64	0.41	0.25
Dist. of Columbia	27	1.37	69.2	0.30	0.22	0.04
Kentucky	49	2.86	73.5	0.80	0.37	0.24
Maryland	31	2.16	66.1	0.23	0.10	0.06
North Carolina	182	3.23	78.8	0.85	0.61	0.39
Virginia	65	2.12	54.1	0.46	0.26	0.15
West Virginia	14	2.71	71.8	0.36	0.29	0
REGION IV TOTAL	753	3.62	66.9	0.84	0.47	0.29
Alabama	90	4.58	43.7	0.59	0.43	0.23
Florida	100	1.83	64.3	0.59	0.47	0.34
Georgia	272	3.93	64.5	1.14	0.47	0.35
Mississippi	68	4.44	82.2	0.87	0.50	0.35
South Carolina	87	2.86	66.4	0.74	0.43	0.18
Tennessee	136	3.75	89.1	0.65	0.52	0.24
REGION V TOTAL	160	3.48	58.0	0.60	0.40	0.17
Illinois	125 <sup>c/</sup>	3.50 <sup>c/</sup>	66.8 <sup>c/</sup>	0.66 <sup>c/</sup>	0.44 <sup>c/</sup>	0.19 <sup>c/</sup>
Chicago	116	3.64	68.5	0.72	0.47	0.21
Indiana	31 <sup>d/</sup>	3.00 <sup>d/</sup>	22.2 <sup>d/</sup>	0.33 <sup>d/</sup>	0.33 <sup>d/</sup>	0.07
Michigan	32	3.44	30.8	0.38	0.25	0.09
REGION VI TOTAL	67	2.79	65.6	0.55	0.34	0.28
Iowa	4	1.75	92.9	1.00	0.50	0.50
Kansas	15	2.20	58.0	0.53	0.47	0.40
Minnesota	2	1.00	0	0	0	0
Missouri	45	3.22	66.5	0.56	0.31	0.24
Nebraska	0	-	0	-	-	-
North Dakota	0	-	-	-	-	-
South Dakota	1	0	-	0	0	0
REGION VII TOTAL	222	2.59	77.2	0.58	0.40	0.18
Arkansas	16	6.50	83.8	1.44	1.00	0.38
Louisiana	91	1.75	72.5	0.49	0.30	0.08
New Mexico	8	2.00	40.0	0.12	0.12	0
Oklahoma	36	1.83	87.5	0.50	0.22	0.14
Texas	71 <sup>e/</sup>	3.24 <sup>e/</sup>	74.4 <sup>e/</sup>	0.58 <sup>e/</sup>	0.52 <sup>e/</sup>	0.31 <sup>e/</sup>
REGION VIII TOTAL	21	0.33	78.6	0	0	0
Colorado	13	0.08	100.0	0	0	0
Idaho	3	0.33	73.4	0	0	0
Utah	3	0.67	100.0	0	0	0
Wyoming	2	1.50	66.7	0	0	0
CONT. REGION IX TOTAL	165	1.69	56.1	0.22	0.18	0.08
Arizona	18	0.50	43.8	0.06	0.06	0
California	124	1.91	55.1	0.25	0.19	0.07
Oregon	9	0.89	33.3	0	0	0
Washington	14	1.79	78.6	0.36	0.36	0.36
CONTINENTAL U.S.	2,099	2.71	66.7	0.58	0.35	0.20

<sup>a/</sup> Cases reported by clinics, hospitals and institutions on quarterly Morbidity Report PHS 688

<sup>b/</sup> Does not include Upstate New York for July-September

<sup>c/</sup> Does not include Downstate Illinois for July-September

<sup>d/</sup> October-December only

<sup>e/</sup> Five months only

Source: PHS 688

PHS 2127

HEW-PHS-VD

Division of Special Health Services

4/21/54 MC:BL:tmk

## UNPRODUCTIVE EPIDEMIOLOGY

July - December 1953

STATES BY REGION	July - September 1953								October - December 1953							
	Patients Available for Interview		Reason for Failure				Patients Available for Interview		Reason for Failure							
	Total	Failures	Failure to Interview	%	Failure to Secure Contacts	%	Failure to Locate Inf. Contacts	%	Total	Failures	Failure to Interview	%	Failure to Secure Contacts	%	Failure to Locate Inf. Contacts	%
<b>REGION II</b>																
Pennsylvania	18	10	55.6	5.6	16.7	33.3		3	2	66.7	0	0	0	66.7		
Philadelphia																
Pittsburgh																
<b>REGION III</b>																
District of Columbia	4	2	50.0	0	25.0	25.0		7	2	28.6	0	0	0	28.6		
Kentucky	20	4	20.0	5.0	0	15.0		28	9	32.1	10.7	0	0	21.4		
Maryland	4	0	0	0	0	0		6	4	66.7	0	0	0	66.7		
North Carolina	73	33	45.2	0	13.7	31.5		77	35	45.5	3.9	6.5	0	35.1		
Puerto Rico	45	40	88.9	8.9	37.8	42.2		47	35	74.5	2.1	40.5	0	31.9		
Virginia	20	12	60.0	25.0	0	35.0		17	10	58.8	0	0	0	58.8		
West Virginia	8	3	37.5	0	0	37.5		6	3	50.0	16.7	0	0	33.3		
<b>REGION IV</b>																
Alabama	53	36	67.9	0	1.9	66.0		66	35	53.0	0	0	0	53.0		
Florida	38	16	42.1	0	0	42.1		61	33	54.1	0	0	0	54.1		
Georgia	180	43	23.9	0.6	0.6	22.7		103	36	35.0	1.0	1.0	0	33.0		
Mississippi	45	17	37.8	2.2	0	35.6		30	11	36.7	0	0	0	36.7		
South Carolina	42	24	57.1	0	11.9	45.2		40	29	72.5	0	0	0	62.5		
Tennessee	69	28	40.5	1.4	1.4	37.7		39	7	17.9	0	0	0	17.9		
<b>REGION V</b>																
Michigan	6	5	83.3	0	0	83.3		16	9	56.3	37.5	6.3	0	12.5		
Illinois (Chicago)	56	28	50.0	0	5.4	44.6		24	7	29.2	50	0	0	29.2		
<b>REGION VI</b>																
Iowa	4	1	25.0	25.0	0	0		8	0	-	-	-	-	-		
Kansas	13	9	69.2	0	38.4	30.8		1	1	100.0	0	0	0	0		
Missouri	24	14	58.3	8.3	0	50.0		21	8	38.1	0	0	0	38.1		
North Dakota	2	1	50.0	0	0	50.0		1	0	0	0	0	0	0		
<b>REGION VII</b>																
Arkansas	14	0	0	0	0	0		2	0	0	0	0	0	0		
Louisiana	38	15	39.5	0	2.6	36.9		42	14	33.3	9.5	0	0	23.8		
Oklahoma								9	8	88.8	33.3	22.2	0	33.3		
Texas	65	24	36.9	0	3.1	33.8		51	27	52.9	0	0	0	52.9		
<b>REGION VIII</b>																
Colorado	19	17	89.5	52.6	21.1	15.8		4	4	100.0	0	0	0	100.0		
Utah	14	13	92.9	64.3	0	28.6		11	10	91.0	45.5	0	0	45.5		
<b>REGION IX</b>																
Arizona	10	9	90.0	30.0	0	60.0		8	7	87.5	50.0	0	0	37.5		
Washington								7	4	57.1	0	0	0	57.1		

Source: Form PHS-2126  
HHS-PHS-VD  
4/27/54 LS:mnc

# RESULTS OF INVESTIGATION OF SYPHILIS SUSPECTS AMONG SELECTEES AND SEPARATES

In this issue we are presenting the first summary tabulations of data relating to the syphilis suspects among military Separates, together with similar data for Selectees.

For some time there has been a feeling that the recall and examination of Separates has had a low priority in epidemiology on the grounds that if the man has a positive reaction at the time of separation, he doubtless had adequate treatment while in service, or, that the address given at separation has little relationship to his present whereabouts.

The data on this program thus far, tend somewhat to discount both of these reasonings. Looking at it first from the standpoint of locating the man, 9 percent of the dispositions returned indicated that he was unknown at the address given and another 9 percent said he had moved with a new address. This means that at least 80 percent of the returns were located, which is better than the "run of the mill" epidemiology. Of those that were located and examined, 10.5 percent were brought to treatment and 6.6 percent were returned to treatment. This means that every sixth suspected Separatee was in need of treatment for syphilis. This too, is better than "run of the mill."

Indeed, why should it not be? By their separation procedures, the Armed Services have performed the first part of a mass blood testing program and have turned into the hands of the Health Departments, at no cost, respectable leads to "pay dirt." Surely, this is an avenue to syphilis control that should be given more attention.

These comments are based on the dispositions that have been returned. The large percentage of "no returns" is disconcerting. It could be of course, that some Health Departments have examined their records on the patient, and, having considered him adequately treated have not bothered to re-examine the patient or notify us of their decision. This leaves everyone uninstructed on a large area of activity, and may actually tend to distort conclusions drawn from available data.

It must in all fairness, however, be said that the returns of dispositions have improved recently. The response to lists of "open" forms has been most encouraging, and awareness of the potential productivity of this phase of syphilis control will undoubtedly bring about more complete and rapid investigation so that the need for such lists will disappear.

During the first 9 months of this fiscal year there was a sharp drop in the number of syphilis suspects reported among Selectees. While there had been 2,000 or more reported each quarter prior to July 1953, the number thus far this year is less than half that.

Dispositions have been received for only about 3/4 of the suspects originally screened out by Selective Service. Part of this noninformation may have been due to snags in the reporting procedure - most of which have now been cleared.

Of the suspects reported as examined, 30.6 percent were brought to treatment for the first time, and 10.6 percent were returned for additional therapy. This means that nearly every other suspect was in actual need of treatment. Here again is a productive adjunct to your regular casefinding activities.

**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SEPARATEES  
BY DATE OF SEPARATION**

Fiscal Year 1953

REGIONS AND STATES	Brought to Treatment	Returned to Treatment	Total	Needing Treatment	Adequate Treatment	Not Infected	Returned Not Examined	No Disposition
	Total	Total	Total	Needing Treatment	Adequate Treatment	Not Infected	Returned Not Examined	No Disposition
REGION I TOTAL	83	6	6	12	24	27	13	7
Connecticut	40	3	6	6	8	16	7	3
Maine	3	0	1	1	0	0	0	2
Massachusetts	30	2	2	14	14	10	2	0
New Hampshire	4	0	0	0	0	1	3	0
Rhode Island	2	1	0	1	1	0	0	0
Vermont	4	0	0	0	1	0	1	2
REGION II TOTAL	343	16	28	144	103	55	91	50
Delaware	3	0	0	0	2	0	1	0
New Jersey	121	10	12	22	43	27	22	7
New York	48	1	1	4	4	6	5	31
New York City	114	5	12	17	38	15	42	3
Pennsylvania	27	0	2	2	5	2	9	8
Philadelphia	27	0	1	1	11	5	9	10
Pittsburgh	3	0	0	0	0	0	0	3
REGION III TOTAL	346	20	17	37	132	63	74	40
District of Columbia	15	1	0	6	2	1	1	5
Kentucky	73	5	3	8	34	16	12	30
Maryland	14	1	0	1	4	1	6	30
Baltimore	6	0	0	0	0	0	1	5
North Carolina	138	3	7	10	46	28	35	19
Virginia	64	3	3	6	28	11	15	44
West Virginia	35	6	6	10	14	5	2	4
Puerto Rico	1	1	0	1	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0
REGION IV TOTAL	807	42	33	75	232	144	146	210
Alabama	162	15	4	19	40	57	38	6
Florida	158	7	4	11	85	27	33	2
Georgia	171	1	1	1	13	8	10	139
Mississippi	78	6	8	14	33	13	16	2
South Carolina	129	3	6	9	21	12	29	58
Tennessee	109	10	11	21	40	27	20	1
REGION V TOTAL	220	25	8	33	62	45	51	29
Illinois	73	0	0	2	21	29	19	2
Chicago	46	9	3	12	19	3	8	4
Indiana	38	5	4	9	11	9	5	1
Michigan	17	2	0	2	5	2	7	1
Ohio	39	7	1	8	4	1	7	19
Wisconsin	7	0	0	0	2	1	2	2
REGION VI TOTAL	103	6	3	9	40	29	23	2
Iowa	2	1	0	1	0	0	0	1
Kansas	18	1	1	2	4	7	5	0
Minnesota	9	0	0	0	4	5	0	1
Missouri	38	3	1	4	11	14	8	1
St. Louis	32	1	0	1	19	3	9	0
Nebraska	4	0	1	1	2	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	0
REGION VII TOTAL	209	19	6	25	100	33	33	18
Arkansas	29	1	0	1	18	4	5	1
Louisiana	74	6	4	10	36	15	9	4
New Mexico	9	0	0	2	0	0	0	6
Oklahoma	27	1	0	1	16	4	6	0
Texas	70	11	2	13	28	10	12	7
REGION VIII TOTAL	13	0	0	0	3	4	2	4
Colorado	5	0	0	0	2	4	2	0
Idaho	2	0	0	0	1	0	0	1
Montana	0	0	0	0	0	0	0	0
Utah	3	0	0	0	0	0	0	3
Wyoming	0	0	0	0	0	0	0	0
REGION IX TOTAL	176	4	3	7	24	13	21	111
Arizona	17	0	0	0	1	0	2	14
California	138	4	3	7	22	13	17	79
Nevada	3	0	0	0	0	0	0	3
Oregon	8	0	0	0	1	0	0	7
Washington	10	0	0	0	0	0	2	8
<b>TOTAL REPORTED</b>	<b>2,300</b>	<b>138</b>	<b>104</b>	<b>242</b>	<b>720</b>	<b>413</b>	<b>454</b>	<b>471</b>

DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SEPARATEES  
BY DATE OF SEPARATION

July - December 1953

REGIONS AND STATES	Brought to Treatment		Returned to Treatment		Needing Treatment	Adequate Treatment	Not Infected	Returned		No Disposition	Reports Received Jan-March 1954
	Total	Treatment	Total	Treatment				Not Examined	Infected		
REGION I TOTAL	224	0	22	2	2	16	4	2	6	4	4
Connecticut	8	0	2	2	1	3	1	1	1	1	1
Maine	4	0	0	0	1	0	0	0	3	1	1
Massachusetts	8	0	0	0	5	1	0	1	1	2	1
New Hampshire	1	0	0	0	1	0	0	0	0	0	0
Rhode Island	1	0	0	0	0	0	0	0	1	0	0
Vermont	0	0	0	0	0	0	0	0	0	0	0
REGION II TOTAL	244	20	7	27	35	37	94	51	87	87	87
Delaware	1	0	0	0	1	0	0	0	0	0	0
New Jersey	57	8	4	12	9	17	11	5	17	17	17
New York	32	0	0	0	5	2	16	11	9	11	11
New York City	116	10	3	13	18	15	59	11	29	29	29
Pennsylvania	15	0	0	0	1	0	5	5	9	16	16
Philadelphia	19	2	0	0	2	0	3	3	10	11	11
Pittsburgh	4	0	0	0	0	0	0	0	4	3	3
REGION III TOTAL	172	11	8	19	49	36	35	30	100	100	100
District of Columbia	4	1	1	2	1	0	0	1	0	0	0
Kentucky	25	3	1	4	8	6	7	0	20	20	20
Maryland	14	0	0	0	12	0	1	1	5	1	5
Baltimore	7	1	0	1	0	1	2	2	3	1	1
North Carolina	59	2	2	4	11	13	13	11	20	17	17
Virginia	47	3	3	6	13	12	12	12	4	13	13
West Virginia	16	1	1	2	4	4	5	1	7	7	7
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0
REGION IV TOTAL	337	22	5	27	107	80	63	60	139	139	139
Alabama	49	3	0	3	18	10	12	6	34	34	34
Florida	55	7	4	6	22	17	6	3	21	21	21
Georgia	65	2	2	3	33	22	11	13	31	31	31
Mississippi	20	0	2	2	12	2	4	9	9	9	9
South Carolina	87	2	1	3	16	16	15	34	31	31	31
Tennessee	41	6	0	6	6	13	12	4	13	13	13
REGION V TOTAL	69	4	2	6	10	13	19	21	42	42	42
Illinois	17	3	2	5	3	4	3	2	7	7	7
Chicago	8	0	0	0	0	2	4	1	1	1	1
Indiana	8	0	0	0	1	2	4	1	5	5	5
Michigan	17	1	0	1	5	5	3	3	8	8	8
Ohio	18	0	0	0	1	0	4	1	13	21	21
Wisconsin	1	0	0	0	0	0	0	0	0	0	0
REGION VI TOTAL	48	3	0	3	8	13	15	9	32	32	32
Iowa	2	0	0	0	0	0	0	0	3	3	3
Kansas	5	1	0	1	1	0	0	0	2	2	2
Minnesota	5	0	0	0	0	0	0	0	0	0	0
Missouri	5	0	0	0	0	0	1	0	0	0	0
St. Louis	12	1	0	1	1	6	4	4	14	14	14
Nebraska	20	1	0	1	6	3	10	0	10	10	10
North Dakota	1	0	0	0	0	0	0	0	0	0	0
South Dakota	2	0	0	0	0	0	0	1	2	1	1
REGION VII TOTAL	62	5	1	6	15	21	9	8	31	31	31
Arkansas	5	1	0	1	2	1	1	1	1	1	1
Louisiana	29	2	0	2	9	8	4	5	5	5	5
New Mexico	3	0	1	1	1	0	1	0	0	0	0
Oklahoma	6	1	1	2	1	2	1	1	10	10	10
Texas	19	1	0	1	5	10	3	3	15	15	15
REGION VIII TOTAL	6	0	0	0	0	0	2	4	5	5	5
Colorado	1	0	0	0	0	0	1	0	4	4	4
Idaho	1	0	0	0	0	0	0	1	0	0	0
Montana	2	0	0	0	0	0	0	0	2	0	0
Utah	1	0	0	0	0	0	0	1	0	0	0
Wyoming	1	0	0	0	0	0	0	0	1	0	0
REGION IX TOTAL	85	2	1	3	24	21	30	7	42	42	42
Arizona	7	1	0	1	0	2	4	4	3	3	3
California	72	1	1	2	24	18	24	4	39	39	39
Nevada	0	0	0	0	0	0	0	0	0	0	0
Oregon	1	0	0	0	0	0	1	1	0	0	0
Washington	5	0	0	0	0	1	1	3	0	0	0
<b>TOTAL REPORTED</b>	<b>1,045</b>	<b>67</b>	<b>26</b>	<b>93</b>	<b>259</b>	<b>225</b>	<b>272</b>	<b>196</b>	<b>482</b>		

Source: PHS-691  
NW-PHS-VD  
4/21/54 LS:kmc

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**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SEPARATEES  
BY DATE OF SEPARATION**

REGIONS	Brought to Treatment		Returned to Treatment		Needing Treatment		Adequate Treatment		Not Infected		Returned Not Examined		No.
	Total	Treatment	Total	Treatment	Needing	Treatment	Adequate	Treatment	Not	Infected	Examined	Disposition	
<u>Prior to July 1953</u>													
I	83	6			6		12		24		27		13
II	343	16			28		44		103		55		91
III	346	20			17		37		132		63		74
IV	607	42			33		75		232		144		146
V	220	25			8		33		62		45		51
VI	103	6			3		9		40		29		23
VII	209	19			6		25		100		33		33
VIII	13	0			0		0		3		4		2
IX	176	4			3		7		24		13		21
<b>TOTAL</b>	<b>2,300</b>	<b>138</b>			<b>104</b>		<b>242</b>		<b>720</b>		<b>413</b>		<b>454</b>
<u>July-September 1953</u>													
I	13	0			1		1		8		2		0
II	140	9			4		13		29		29		68
III	103	6			2		8		35		25		27
IV	201	12			4		16		61		49		43
V	35	4			1		5		8		6		15
VI	28	3			0		3		6		8		3
VII	41	3			1		4		12		16		5
VIII	3	0			0		0		0		0		1
IX	57	1			0		1		17		15		22
<b>TOTAL</b>	<b>621</b>	<b>38</b>			<b>13</b>		<b>51</b>		<b>176</b>		<b>150</b>		<b>189</b>
<u>October-December 1953</u>													
I	9	0			1		1		0		2		4
II	104	11			3		14		6		26		50
III	69	5			6		11		14		11		22
IV	136	10			1		11		46		31		28
V	34	0			1		1		2		7		20
VI	20	0			0		0		6		5		6
VII	21	2			0		2		6		5		4
VIII	3	0			0		0		0		0		2
IX	28	1			1		2		7		6		5
<b>TOTAL</b>	<b>424</b>	<b>29</b>			<b>13</b>		<b>42</b>		<b>83</b>		<b>75</b>		<b>83</b>
<u>Continental U. S. By Period Of Separation</u>													
July-Sept. 1952	257	20			19		39		86		52		45
Oct-Dec. 1952	604	39			37		76		185		117		106
Jan-March 1953	851	47			32		79		263		140		139
Apr-June 1953	588	32			16		48		188		105		91
July-Sept. 1953	621	38			13		51		176		150		189
Oct-Dec. 1953	424	29			13		42		83		75		83
													141

Source: Form PHS-691  
HEW-PHS-VD  
4/22/54 LS:kmc

**SUMMARY TABULATIONS OF SYPHILIS SUSPECTS AMONG SEPARATEES  
BY PERIOD OF SEPARATION  
Continental U. S.**

**Dispositions Received by April 1, 1954**

<u>Period</u>	<u>Re- ported</u>	<u>Re- turned</u>	<u>Locat- ed</u>	<u>Examined</u>	<u>Brought to Treatment</u>	<u>Returned to Treatment</u>	<u>Needing Treatment</u>
July-Sept. 1952	257	222	185	177	20	19	39
Oct.-Dec. 1952	604	484	401	378	39	37	76
Jan.-March 1953	851	621	512	482	47	32	79
April-June 1953	588	532	378	341	32	16	48
July-Sept. 1953	621	566	426	377	38	13	51
Oct.-Dec. 1953	424	283	211	200	29	13	42

	<u>Percent Returned of Reported</u>	<u>Percent Located of Returned</u>	<u>Percent Examined of Located</u>	<u>Percent of Examined</u>		
	<u>Brought to Treatment</u>	<u>Returned to Treatment</u>	<u>Needing Treatment</u>			
July-Sept. 1952	86.4	83.3	95.7	11.3	10.7	22.0
Oct.-Dec. 1952	80.1	82.9	94.3	10.3	9.8	20.1
Jan.-March 1953	73.0	82.4	94.1	9.8	6.6	16.4
April-June 1953	90.5	71.1	90.2	9.4	4.7	14.1
July-Sept. 1953	91.1	75.3	88.5	10.1	3.4	13.5
Oct.-Dec. 1953	66.7	74.6	94.8	14.5	6.5	21.0
July 1952-Dec. 1953	81.0	78.0	92.5	10.5	6.6	17.1

Source: PHS 691  
HEW-PHS-VD  
5/6/54 LS:tmk

**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SELECTEES**  
**BY DATE OF REPORT**

Prior to July 1952

REGIONS AND STATES	Total	Brought to Treatment	Returned to Treatment	Total Needing Treatment	Adequate Treatment	Not Infected	Returned Not Examined	No Disposition
REGION I TOTAL	307	66	19	85	91	65	24	42
Connecticut	162	28	7	35	66	39	16	6
Maine	30	6	2	8	4	1	2	15
Massachusetts	98	30	10	40	18	23	6	11
New Hampshire	10	2	0	2	3	2	0	3
Rhode Island	1	0	0	0	0	0	0	1
Vermont	6	0	0	0	0	0	0	6
REGION II TOTAL	2,363	551	137	688	467	255	262	691
Delaware	95	21	6	27	12	6	15	35
New Jersey	329	52	26	78	65	30	23	133
New York	276	21	8	29	45	9	13	180
New York City	1,296	403	90	493	287	160	168	188
Pennsylvania	170	25	2	27	20	33	9	81
Philadelphia	195	29	5	34	38	16	34	73
Pittsburgh	2	0	0	0	0	1	0	1
REGION III TOTAL	4,435	775	239	1,014	1,113	548	406	1,354
District of Columbia	323	55	22	77	109	82	41	14
Kentucky	340	81	27	108	78	50	61	43
Maryland	350	76	24	100	109	37	25	79
Baltimore	394	50	7	57	127	48	12	150
North Carolina	1,445	197	52	249	266	149	96	685
Virginia	1,355	280	93	373	392	121	150	319
West Virginia	213	36	14	50	32	60	21	50
Puerto Rico	15	0	0	0	0	1	0	14
Virgin Islands	0	0	0	0	0	0	0	0
REGION IV TOTAL	8,696	2,173	698	2,871	2,620	1,000	715	1,490
Alabama	1,464	514	125	639	306	218	128	173
Florida	1,379	343	131	474	457	125	136	187
Georgia	1,508	202	100	302	592	232	109	273
Mississippi	1,279	233	189	422	559	79	84	135
South Carolina	2,079	731	96	827	498	278	219	257
Tennessee	987	150	57	207	208	68	39	465
REGION V TOTAL	3,478	419	265	684	770	481	201	1,342
Illinois	368	16	3	19	30	22	17	280
Chicago	831	126	142	268	222	87	44	210
Indiana	537	57	34	91	108	95	30	210
Michigan	693	112	63	175	188	203	44	83
Ohio	977	96	18	114	206	63	62	532
Wisconsin	72	12	5	17	16	8	4	27
REGION VI TOTAL	915	112	54	166	175	205	94	275
Iowa	69	4	0	4	5	4	2	94
Kansas	120	30	5	35	14	46	10	15
Minnesota	18	0	0	0	0	0	0	18
Missouri	280	48	10	58	36	69	41	76
St. Louis	348	22	30	52	112	64	36	84
Nebraska	56	7	9	16	5	21	5	9
North Dakota	4	1	0	1	1	0	0	2
South Dakota	20	0	0	0	2	1	0	17
REGION VII TOTAL	4,303	942	370	1,312	869	448	471	1,203
Arkansas	994	149	121	270	321	157	89	157
Louisiana	1,465	428	172	600	252	175	154	284
New Mexico	141	26	8	34	24	16	18	49
Oklahoma	212	41	22	63	76	13	10	50
Texas	1,491	298	47	345	196	87	200	663
REGION VIII TOTAL	126	10	5	15	23	20	13	55
Colorado	66	7	5	12	19	10	11	14
Idaho	19	1	0	1	4	10	0	4
Montana	17	0	0	0	0	0	0	17
Utah	14	1	0	1	0	0	0	12
Wyoming	10	1	0	1	0	0	1	8
REGION IX TOTAL	1,449	292	75	367	338	132	152	460
Arizona	237	68	6	74	31	9	37	86
California	1,055	207	63	270	282	75	100	328
Nevada	13	2	2	4	1	0	0	8
Oregon	50	2	0	2	10	12	4	22
Washington	94	13	4	17	14	36	11	16
<b>TOTAL REPORTED</b>	<b>26,072</b>	<b>5,340</b>	<b>1,862</b>	<b>7,202</b>	<b>6,466</b>	<b>3,154</b>	<b>2,338</b>	<b>6,912</b>

**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SELECTEES  
BY DATE OF REPORT**

Fiscal Year 1953

REGIONS AND STATES	Total	Brought to Treatment	Returned to Treatment	Total Needing Treatment	Adequate Treatment	Not Infected	Returned Not Examined	No Disposition
REGION I TOTAL	82	14	3	17	22	9	5	29
Connecticut	31	8	3	11	9	4	3	4
Maine	16	0	0	0	0	1	0	0
Massachusetts	27	6	0	6	11	2	1	7
New Hampshire	3	0	0	0	0	0	0	3
Vermont	5	0	0	0	2	2	1	0
REGION II TOTAL	633	156	34	190	133	76	80	154
Delaware	24	1	1	2	6	1	2	13
New Jersey	138	31	11	42	44	15	26	26
New York	92	10	4	14	22	8	10	38
New York City	204	86	15	101	25	25	38	15
Pennsylvania	77	20	0	20	10	12	15	30
Philadelphia	94	7	3	10	26	15	13	30
Pittsburgh	4	1	0	1	0	0	1	2
REGION III TOTAL	1,565	296	102	398	427	142	173	425
District of Columbia	93	19	7	26	43	10	13	1
Kentucky	83	11	5	16	15	27	16	9
Maryland	107	21	5	26	45	18	7	11
Baltimore	92	10	3	13	27	7	5	40
North Carolina	680	146	47	193	143	46	65	233
Virginia	425	78	33	111	141	26	50	97
West Virginia	66	10	2	12	13	8	17	16
Puerto Rico	19	1	0	1	0	0	0	18
Virgin Islands	0							
REGION IV TOTAL	3,125	526	205	733	1,111	389	371	521
Alabama	488	91	16	107	88	148	57	88
Florida	684	164	50	214	264	68	65	65
Georgia	598	57	37	94	235	86	64	119
Mississippi	541	59	57	116	113	25	54	33
South Carolina	594	110	32	142	148	54	110	140
Tennessee	220	47	13	60	63	8	13	76
REGION V TOTAL	983	133	55	188	231	227	110	227
Illinois	89	12	2	14	27	5	13	30
Chicago	157	15	32	47	56	16	14	24
Indiana	247	52	2	54	33	106	28	26
Michigan	254	26	12	38	67	72	25	52
Ohio	208	21	5	26	41	27	29	55
Wisconsin	28	7	2	9	7	1	1	10
REGION VI TOTAL	222	42	22	64	64	47	22	25
Iowa	20	3	1	4	5	5	0	6
Kansas	41	16	12	18	5	15	0	0
Minnesota	2	1	0	1	0	0	3	0
Missouri	69	13	8	21	18	18	9	3
St. Louis	60	5	5	14	34	3	5	1
Nebraska	10	2	2	4	1	3	2	0
North Dakota	1	0	0	0	0	0	0	0
South Dakota	19	2	0	2	0	0	1	14
REGION VII TOTAL	1,429	310	87	397	407	172	170	283
Arkansas	366	40	22	62	155	43	50	56
Louisiana	232	60	17	77	55	28	23	49
New Mexico	24	1	0	1	2	1	0	20
Oklahoma	118	22	0	22	39	14	7	36
Texas	689	187	48	235	156	86	90	122
REGION VIII TOTAL	24	3	0	3	3	4	5	9
Colorado	9	0	0	0	1	3	4	1
Idaho	7	1	0	1	0	0	1	5
Montana	0							
Utah	6	2	0	2	2	1	0	1
Wyoming	2	0	0	0	0	0	0	2
REGION IX TOTAL	432	79	25	104	60	51	82	135
Arizona	86	16	5	21	4	2	25	34
California	268	53	17	70	48	24	41	85
Nevada	0							
Oregon	46	5	0	5	6	18	10	5
Washington	32	5	3	8	2	7	6	11
<b>TOTAL REPORTED</b>	<b>8,495</b>	<b>1,561</b>	<b>533</b>	<b>2,094</b>	<b>2,458</b>	<b>1,117</b>	<b>1,018</b>	<b>1,808</b>

**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SELECTEES  
BY DATE OF REPORT**

July - December, 1953

REGIONS AND STATES	Total	Brought to Treatment	Returned to Treatment	Total Needing Treatment	Adequate Treatment	Not Infected	Returned Not Examined	No Disposition	Reports Received Jan-March 1954
REGION I TOTAL	11	1	0	1	2	1	0	7	13
Connecticut	6	1	0	1	1	1	0	3	4
Maine	2	0	0	0	0	0	0	2	2
Massachusetts	3	0	0	0	1	0	0	2	0
New Hampshire	0	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	4	4
REGION II TOTAL	146	32	6	38	32	16	35	25	99
Delaware	2	0	0	0	0	0	0	3	3
New Jersey	46	8	3	11	12	1	14	8	12
New York	14	1	1	2	6	2	1	3	3
New York City	49	18	2	20	5	16	2	2	62
Pennsylvania	16	3	0	3	2	2	2	5	6
Philadelphia	18	2	0	2	6	4	0	4	13
Pittsburgh	1	0	0	0	0	0	0	1	1
REGION III TOTAL	280	46	25	71	52	21	43	93	205
District of Columbia	22	1	1	2	14	1	5	0	12
Kentucky	16	2	2	4	4	2	3	0	11
Maryland	12	0	2	2	6	0	4	1	13
Baltimore	23	1	0	1	5	4	12	1	10
North Carolina	33	2	1	3	7	4	9	19	41
Virginia	48	6	6	12	11	1	0	2	24
West Virginia	6	1	1	2	1	0	0	1	1
Puerto Rico	116	33	12	45	4	7	6	54	95
Virgin Islands	4	0	0	0	0	0	0	4	0
REGION IV TOTAL	659	118	27	145	268	69	70	107	158
Alabama	117	23	6	29	45	19	9	15	21
Florida	49	11	1	12	20	2	6	9	19
Georgia	307	45	12	57	140	33	30	47	67
Mississippi	32	1	2	3	25	2	2	0	6
South Carolina	118	32	5	37	23	11	18	29	18
Tennessee	36	6	1	7	15	2	5	7	27
REGION V TOTAL	164	23	17	40	24	29	32	39	260
Illinois	11	1	1	2	3	2	2	2	5
Chicago	27	4	10	14	0	5	6	2	18
Indiana	34	7	2	9	1	1	2	1	205
Michigan	7	0	0	0	0	0	0	1	41
Ohio	78	11	3	14	13	10	14	27	3
Wisconsin	7	0	1	1	2	0	0	4	34
REGION VI TOTAL	445	7	0	7	13	12	10	20	11
Iowa	8	1	1	2	3	4	0	0	8
Kansas	6	2	0	0	1	2	1	0	0
Minnesota	0	0	0	0	0	0	0	0	0
Missouri	13	2	0	2	3	4	4	0	7
St. Louis	1	1	1	1	0	1	2	0	5
Nebraska	4	1	0	0	0	0	0	0	0
North Dakota	2	0	0	0	0	0	0	0	0
South Dakota	4	0	0	0	0	0	1	2	2
REGION VII TOTAL	141	41	12	53	27	14	27	20	81
Arkansas	5	0	0	0	0	0	0	5	2
Louisiana	30	5	5	13	8	2	3	8	5
New Mexico	3	0	0	0	0	0	0	0	0
Oklahoma	10	4	0	4	3	0	3	8	10
Texas	93	29	7	36	16	12	21	56	56
REGION VIII TOTAL	5	1	0	0	0	0	1	6	12
Colorado	1	0	0	0	0	0	1	0	7
Idaho	5	0	0	0	0	0	0	5	0
Montana	0	0	0	0	0	0	0	0	0
Utah	2	1	0	1	0	0	0	1	4
Wyoming	0	0	0	0	0	0	0	0	0
REGION IX TOTAL	59	12	6	18	9	21	11	30	59
Arizona	16	2	1	3	2	1	4	6	4
California	51	7	5	12	6	10	5	18	44
Nevada	1	0	0	0	0	0	0	1	9
Oregon	19	3	0	3	1	9	2	1	2
Washington	2	0	0	0	0	1	0	0	1
<b>TOTAL REPORTED</b>	<b>1,542</b>	<b>281</b>	<b>93</b>	<b>37401</b>	<b>427</b>	<b>183</b>	<b>229</b>	<b>329</b>	<b>941</b>

Source: PES-956  
NME-PES-VD  
4/21/54 LS:kmc

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**DISPOSITION OF SYPHILIS SUSPECTS AMONG ARMED SERVICES SELECTEES**  
BY DATE OF REPORT

REGIONS	Total	Treatment	Returned to Treatment	Total Needng Treatment	Adequate Treatment		Not Infected	Returned Net Examined		No Disposition
					Not Infected	Total Infected		Not Examined	Disposition	
<u>Prior to July 1952</u>										
I	307	66	19	85	91	65	24	42		
II	2,363	551	137	688	467	255	262	691		
III	4,435	775	239	1,034	1,113	548	406	1,353		
IV	6,696	2,173	698	2,871	2,620	1,000	715	1,490		
V	3,478	419	265	684	770	481	201	1,342		
VI	915	112	54	166	175	205	94	275		
VII	4,303	942	370	1,312	869	448	471	1,203		
VIII	126	10	5	15	23	20	13	55		
IX	1,449	292	75	367	338	132	152	460		
<b>TOTAL</b>	<b>26,072</b>	<b>5,340</b>	<b>1,862</b>	<b>7,202</b>	<b>6,466</b>	<b>3,154</b>	<b>2,338</b>	<b>6,912</b>		
<u>Fiscal Year 1953</u>										
I	82	14	3	17	22	9	5	29		
II	633	156	34	190	133	76	80	154		
III	1,565	296	102	398	427	142	173	425		
IV	3,125	528	205	733	1,111	389	371	521		
V	983	133	55	188	231	227	110	227		
VI	222	42	22	64	64	47	22	25		
VII	1,429	310	87	397	407	172	170	283		
VIII	24	3	0	3	3	4	5	9		
IX	432	79	25	104	60	51	82	135		
<b>TOTAL</b>	<b>8,495</b>	<b>1,561</b>	<b>533</b>	<b>2,094</b>	<b>2,458</b>	<b>1,117</b>	<b>1,018</b>	<b>1,506</b>		
<u>July-December 1953</u>										
I	11	1	0	1	2	1	0	7		
II	146	32	6	38	32	16	35	25		
III	280	46	25	71	52	21	43	93		
IV	659	118	27	145	268	69	70	107		
V	164	23	17	40	24	29	32	39		
VI	44	7	0	7	13	12	10	2		
VII	141	41	12	53	27	14	27	20		
VIII	5	1	0	1	0	0	1	6		
IX	89	12	6	18	9	21	11	30		
<b>TOTAL</b>	<b>1,542</b>	<b>281</b>	<b>93</b>	<b>374</b>	<b>427</b>	<b>183</b>	<b>229</b>	<b>329</b>		
<u>Continental U. S.</u>										
Prior to July 1952	26,072	5,340	1,862	7,202	6,466	3,154	2,338	6,912		
July-Sept. 1952	2,453	326	170	496	725	289	323	620		
Oct-Dec. 1952	1,725	273	88	361	470	204	187	503		
Jan-March 1953	2,317	535	169	704	712	341	260	280		
Apr-June 1953	2,000	427	106	533	551	283	228	405		
July-Sept. 1953	995	200	59	259	294	120	155	164		
Oct-Dec. 1953	547	81	34	115	133	63	71	165		

Source: Form PHS-956  
NW-PHS-VD  
4/21/54 LS:kmc

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**SUMMARY TABULATIONS OF SYPHILIS SUSPECTS AMONG SELECTEES  
BY DATE OF REPORT  
Continental U. S.**

**Dispositions Received by April 1, 1954**

Period	Re-ported	Re-turned	Locat-ed	Examined	Brought to Treatment	Returned to Treatment	Needing Treatment
Prior to July '52	26,072	19,160	17,115	16,822	5,340	1,862	7,202
July-Sept. 1952	2,453	1,833	1,564	1,510	326	170	496
Oct.-Dec. 1952	1,725	1,222	1,057	1,035	273	88	361
Jan.-March 1953	2,317	2,037	1,796	1,757	535	169	704
April-June 1953	2,000	1,595	1,390	1,367	427	106	533
July-Sept. 1953	995	831	690	673	200	59	259
Oct.-Dec. 1953	547	382	323	311	81	34	115
Percent Returned of Reported	Percent Locat-ed of Returned	Percent Examined of Locat-ed	Percent of Examined				
			Brought to Treatment	Returned to Treatment		Needing Treatment	
Prior to July 1952	73.5	89.3	98.3	31.7	11.1	42.8	
July-Sept. 1952	74.7	85.3	96.5	21.6	11.2	32.8	
Oct.-Dec. 1952	70.8	86.5	97.9	26.4	8.5	34.9	
Jan.-March 1953	87.9	88.2	97.8	30.4	9.6	40.0	
April-June 1953	79.8	87.1	98.3	31.2	7.8	39.0	
July-Sept. 1953	83.5	83.0	97.5	29.7	8.8	38.5	
Oct.-Dec. 1953	69.8	84.6	96.3	26.0	10.9	36.9	
All Periods	74.9	88.5	98.1	30.6	10.6	41.2	

Source: PHS 956  
HEW-PHS-VD  
5/6/54 LS:tmk

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**CASES OF SYPHILIS AND GONORRHEA REPORTED TO THE PUBLIC HEALTH SERVICE  
BY STATE AND TERRITORIAL HEALTH DEPARTMENTS  
(Known Military Cases Excluded)**

October - December 1953

**S Y P H I L I S**

REGIONS AND STATES	S Y P H I L I S												GONORRHEA	
	Total All Sources	Total Private Physician												
REGION I TOTAL	947	521	54	34	109	69	690	357	66	41	621	238		
Connecticut	238	164	8	6	34	21	173	119	12	9	133	55		
Maine	27	15	3	2	5	4	18	8	1	1	26	26		
Massachusetts	551	237	36	19	61	36	413	162	41	20	387	96		
New Hampshire	21	19	1	1	0	0	14	12	5	5	13	13		
Rhode Island	94	70	4	4	7	6	64	48	3	2	49	35		
Vermont	16	16	2	2	2	2	8	8	4	4	13	13		
REGION II TOTAL	9,249	3,713	323	129	1,231	431	7,465	3,046	196	78	7,377	1,602		
Delaware	101	70	13	10	24	14	41	27	4	0	64	19		
New Jersey	1,125	342	63	23	330	92	696	217	30	10	1,310	268		
New York	7,057	3,089	194	88	670	256	6,051	2,676	133	62	4,340	1,218		
New York City	6,212	2,588	178	78	658	246	5,278	2,224	97	40	3,617	817		
Pennsylvania	966	209	53	8	207	69	677	126	29	6	1,663	97		
Philadelphia	649	108	28	1	126	34	481	71	14	2	1,446	97		
Pittsburgh	39	9	2	1	14	7	23	1	0	0	94	0		
REGION III TOTAL <sup>b</sup>	6,114	2,195	354	113	1,173	437	4,101	1,497	323	80	11,486	679		
CONT. REGION III	5,327	2,195	307	113	1,032	437	3,589	1,497	281	80	10,476	679		
District of Columbia	1,083	429	22	5	198	57	837	362	26	5	2,768	24		
Kentucky	464	241	39	10	53	25	352	196	20	10	717	63		
Maryland	565	88	38	5	83	17	385	52	27	4	1,720	134		
Baltimore	293	16	32	3	43	3	181	55	14	0	1,553	83		
North Carolina	928	273	104	30	248	90	511	145	58	8	3,083	188		
Virginia	1,535	651	76	41	337	169	943	362	58	26	1,669	144		
West Virginia	752	513	28	22	113	79	561	380	45	27	519	126		
Puerto Rico	718	0	47	0	126	0	470	0	75	0	1,000	0		
Virgin Islands <sup>b</sup>	69	0	0	0	15	0	42	0	7	0	10	0		
REGION IV TOTAL	4,936	1,189	420	95	1,279	311	2,703	593	332	28	13,488	698		
Alabama	470	166	57	5	192	8	85	13	24	2	988	258		
Florida	1,232	675	111	61	342	199	740	400	39	15	2,760	111		
Georgia	567	50	114	10	195	15	187	11	33	1	3,291	104		
Mississippi	443	65	31	2	73	24	278	38	61	1	1,596	122		
South Carolina	1,630	30	44	4	342	8	1,084	7	149	1	1,253	18		
Tennessee	594	203	63	13	175	57	329	124	26	8	3,600	85		
REGION V TOTAL	5,567	3,165	246	145	1,193	680	3,543	1,977	278	137	9,937	1,741		
Illinois	1,390	668	111	57	307	118	888	466	84	27	4,774	489		
Chicago	751	224	76	31	223	62	394	126	58	5	3,986	141		
Indiana	356	262	11	8	75	62	292	179	18	13	443	90		
Michigan	1,290	791	33	17	248	179	738	412	51	28	2,219	653		
Ohio	2,243	1,185	68	41	527	294	1,489	763	112	56	2,016	459		
Wisconsin	288	259	23	22	36	27	176	157	13	13	185	90		
REGION VI TOTAL	1,974	1,270	67	42	262	167	1,524	979	104	69	1,752	559		
Iowa	454	366	9	9	37	29	369	294	29	24	176	85		
Kansas	490	289	5	4	63	34	395	237	27	14	340	61		
Minnesota	77	52	4	2	9	7	64	43	0	0	202	120		
Missouri	793	440	43	22	130	84	583	312	37	22	829	211		
St. Louis	341	148	17	6	58	31	256	108	10	3	410	23		
Nebraska	105	86	4	4	8	6	80	69	7	5	126	29		
North Dakota	15	15	1	1	4	4	7	7	2	2	42	42		
South Dakota	40	22	1	0	11	3	26	17	2	2	37	15		
REGION VII TOTAL	4,291	848	337	226	639	70	2,695	265	276	28	7,861	2,681		
Arkansas	275	63	5	3	59	14	184	45	27	1	303	26		
Louisiana	1,946	18	45	2	233	1	1,496	10	94	2	1,716	98		
New Mexico	394	71	15	10	73	13	277	42	29	6	226	56		
Oklahoma	398	191	12	2	52	32	296	138	38	19	822	66		
Texas	1,278	505	260	209	232	10	442	30	88	0	4,794	2,433		
REGION VIII TOTAL	269	196	19	16	36	29	195	143	14	7	439	119		
Colorado	97	67	4	4	17	12	72	49	2	2	251	41		
Idaho	47	27	3	2	2	2	42	23	0	0	91	20		
Montana	17	11	0	0	3	2	10	9	0	0	36	6		
Utah	88	73	11	9	10	9	58	51	9	4	47	41		
Wyoming	20	18	1	1	4	4	13	11	1	1	14	11		
REGION IX TOTAL	2,286	1,010	142	73	444	199	1,612	711	75	24	5,073	1,144		
CONT. REGION IX	2,255	995	141	72	440	197	1,591	703	70	20	4,959	1,084		
Arizona	446	297	21	13	118	77	301	203	6	4	410	187		
California	1,513	545	88	39	264	94	1,090	398	58	11	3,964	769		
Los Angeles	394	114	15	3	69	15	291	92	16	4	1,667	127		
San Francisco	94	37	16	4	12	1	64	32	16	2	393	58		
Nevada	16	7	1	1	5	3	10	3	0	0	51	7		
Oregon	151	100	15	11	27	18	105	67	4	4	132	39		
Washington	129	46	16	8	26	5	85	32	2	1	402	82		
Alaska	3	3	0	0	1	1	2	0	0	0	80	39		
Hawaii	28	12	1	1	3	1	19	6	5	4	34	21		
Canal Zone	56	0	2	0	13	0	29	0	0	0	161	0		
CONTINENTAL U. S.	34,815	14,092	1,914	872	6,221	2,391	23,995	9,560	1,577	488	56,910	9,401		
U. S. & TERRITORIES <sup>b</sup>	35,689	14,107	1,964	873	6,379	2,393	24,557	9,568	1,664	492	58,195	9,461		

<sup>a</sup>/ Includes "Not Stated"

<sup>b</sup>/ Estimated

Source: Form PBS 688

HEW-PBS-Division of Venereal Disease

Office of Statistics

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VENEREAL DISEASE MORBIDITY SUMMARY  
CONTINENTAL UNITED STATES

October - December 1953

SOURCE OF REPORT	COLOR AND SEX	SYPHILIS					GONORRHEA	CHANCREOID	GRANULOMA INGUINALE	LYMPHO-GRANULOMA VENEREUM
		Primary and Secondary	Early Latent	Late and Late Latent	Congenital	Total*				
BY PRIVATE PHYSICIANS	White and Unknown	Male	330	448	2,912	111	4,028	4,055	17	2
		Female	171	599	2,537	237	3,705	927	5	3
	Nonwhite	Male	200	498	1,849	45	2,781	3,581	11	3
		Female	171	846	2,262	95	3,578	838	1	6
	TOTAL,		872	2,391	9,560	488	14,092	9,401	34	11
										15
	White and Unknown	Male	179	361	2,655	102	3,355	4,704	132	3
		Female	63	318	1,523	147	2,082	2,823	15	
BY CLINICS, HOSPITALS, OR OTHER INSTITUTIONS	Nonwhite	Male	464	1,192	5,111	351	7,240	27,190	505	86
		Female	336	1,959	5,146	489	8,046	12,792	134	54
	TOTAL,		1,042	3,830	14,435	1,089	20,723	47,509	786	143
										210
TOTAL ALL SOURCES	White and Unknown	Male	509	809	5,567	213	7,383	8,759	149	5
		Female	234	917	4,060	384	5,787	3,750	20	3
	Nonwhite	Male	664	1,690	6,960	396	10,021	30,771	516	89
		Female	507	2,805	7,408	584	11,624	13,630	135	60
	TOTAL,		1,914	6,221	23,995	1,577	34,815	56,910	820	154
* Includes stage "Not Stated"					Source: Form PHS 688 HEW-PHS-Division of Venereal Disease Office of Statistics 3/12/54 ML:MWS:tmk					

**DIAGNOSTIC OBSERVATIONS FOR VENEREAL DISEASES IN PUBLIC CLINICS  
AND PREVENTION AND CONTROL CENTERS**

October - December 1953

STATES REPORTING BY HEW REGIONS	Diagnostic Observations Completed*			Persons Infected		Persons Given Prophylactic Treatment
	Number	Annual Rate for 100,000 Population	Ratio to This Quarter Last Year	Number	Percent of Observations	
REGION I TOTAL	1,521	80.30	0.73	1,033	67.9	326
Connecticut	188	35.81	0.40	85	45.2	221
Massachusetts	1,257	107.09	0.83	901	71.7	98
Rhode Island	76	38.87	0.79	47	61.8	7
REGION II TOTAL	30,732	397.66	0.85	8,194	26.7	2,329
Delaware	195	228.07	0.59	71	36.4	10
New Jersey	8,394	668.05	0.88	1,483	17.7	247
New York	13,125	349.21	0.91	4,047	30.8	1,058
New York City	7,446	377.39	0.97	3,590	48.2	1,022
Pennsylvania	9,018	343.18	0.76	2,593	28.8	1,014
Philadelphia	7,739	1494.02	0.77	2,096	27.1	932
Pittsburgh	233	137.67	0.31	138	59.2	53
REGION III TOTAL	133,926	3026.58	0.93	15,764	11.8	3,235
CONT. REGION III	78,369	2027.40	0.89	13,196	16.8	1,421
Dist. of Columbia	6,703	3398.23	0.86	3,597	53.7	281
Kentucky	7,431	1036.04	0.60	638	8.6	40
Maryland	3,750	613.75	0.81	1,849	49.3	345
Baltimore	2,250	947.37	0.85	1,678	74.6	247
North Carolina	40,184	3934.79	0.80	3,864	9.6	747
Virginia	14,305	1730.79	1.86	2,540	17.8	0
West Virginia	5,996	1218.08	1.20	708	11.8	8
Puerto Rico	55,557	10037.40	0.98	2,568	4.6	1,814
REGION IV TOTAL	192,365	4529.17	0.78	19,463	10.1	4,042
Alabama	4,156	544.51	0.63	364	8.8	446
Florida	44,888	5951.34	1.06	3,842	8.6	937
Georgia	55,865	6522.48	0.77	4,564	8.2	1,031
Mississippi	44,959	8419.29	1.02	4,581	10.2	506
South Carolina	35,223	6642.72	0.48	2,257	6.4	86
Tennessee	7,274	899.13	0.78	3,855	53.0	1,036
REGION V TOTAL	29,768	435.91	0.50	10,247	34.4	4,381
Illinois	12,972	582.62	0.68	4,956	38.2	2,577
Chicago	12,303	1359.07	0.68	4,492	36.5	2,451
Michigan	5,343	320.56	0.92	2,219	41.5	413
Ohio	10,938	530.26	0.33	2,908	26.6	1,391
Wisconsin	515	58.99	0.92	164	31.8	0
REGION VI TOTAL	10,030	297.41	1.33	1,943	19.4	806
Iowa	222	34.08	0.81	119	53.6	13
Kansas	1,430	295.15	0.97	446	31.2	0
Minnesota	701	93.13	0.64	81	11.6	2
Missouri	6,180	627.25	1.98	1,154	18.7	791
St. Louis	4,838	2258.11	2.83	809	16.7	612
Nebraska	1,215	361.61	0.94	143	11.8	0
South Dakota	282	173.54	1.07	0	0	0
REGION VII TOTAL	87,999	2288.36	0.96	9,045	10.3	1,483
Arkansas	4,726	1035.84	0.36	644	13.6	82
Louisiana	26,659	3937.81	1.77	3,226	12.1	426
New Mexico	1,687	947.75	3.06	433	25.7	10
Oklahoma	11,187	2045.16	0.70	933	8.3	132
Texas	43,740	2201.03	0.93	3,809	8.7	833
REGION VIII TOTAL	5,331	593.98	0.92	383	7.2	5
Colorado	3,264	941.31	0.87	245	7.5	3
Idaho	1,724	1180.82	1.09	108	6.3	0
Montana	99	66.89	0.64	9	9.1	0
Utah	72	39.29	0.55	17	23.6	0
Wyoming	172	234.01	1.04	4	2.3	2
REGION IX TOTAL	22,300	533.88	1.00	5,179	23.2	712
CONT. REGION IX	22,048	547.47	1.02	5,106	23.2	712
Arizona	3,912	1840.94	1.06	391	10.0	45
California	12,331	444.44	0.99	3,925	31.8	573
Nevada	150	337.08	0.90	51	34.0	10
Oregon	1,038	259.82	2.14	286	27.6	12
Washington	4,617	774.34	0.95	453	9.8	72
Alaska	50	151.52	0.32	41	82.0	0
Hawaii	202	173.02	0.40	32	15.8	0
ALL AREAS REPORTING CONTINENTAL U.S.	458,163	1235.11	0.82	68,610	15.0	15,505
ALL AREAS REPORTING U.S. & TERRITORIES	513,972	1359.78	0.83	71,251	13.9	17,319

\* A diagnostic observation is an examination of a person to determine the presence or absence of venereal disease (other than observations to determine response to therapy). Observations are excluded for persons given prophylactic treatment transferred to another clinic or lapsing from observation before the diagnosis is completed.

Source: Form PHS 724-1  
HEW:PHS - Division of Venereal Disease  
Office of Statistics  
4/1/54 (MC:ML) tmk

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**CONTACTS OBTAINED IN HEALTH DEPARTMENTS  
PUBLIC CLINICS AND PREVENTION AND CONTROL CENTERS  
ALL AREAS REPORTING**

October - December 1953

STATES REPORTING BY NEW REGIONS	Primary and Secondary Syphilis				Early Latent Syphilis				Gonorrhea			
	Cases Reported <sup>a</sup>	of Cases Interviewed	Number	Number per Case Reported	Cases Reported <sup>a</sup>	of Cases Interviewed	Number	Number per Case Reported	Male <sup>b</sup> / Cases Reported	Male Cases Reported	Percent of Male Cases Interviewed <sup>c</sup> /	Number Case Reported
REGION I TOTAL	20	50.0	12	0.60	40	50.0	45	1.12	274	92.7	310	1.13
Connecticut	2	250.0	3	1.50	13	69.2	28	2.15	63	50.8	35	0.56
Maine	1	0	0	0	1	0	0	0	0	0	-	-
Massachusetts	17	29.4	9	0.53	25	44.0	17	0.68	203	98.5	267	1.32
New Hampshire	0	-	0	-	0	-	0	-	0	-	0	-
Rhode Island	0	-	0	-	1	0	0	0	8	275.0	8	1.00
Vermont	0	-	0	-	0	-	0	-	0	-	0	-
REGION II TOTAL	194	44.8	176	0.91	800	31.8	480	0.60	4,661	68.6	2,938	0.63
Delaware	3	66.7	4	1.33	10	0	4	0.40	31	51.6	49	1.58
New Jersey	40	12.5	13	0.32	238	1.7	6	0.03	820	14.4	174	0.21
New York	106	42.5	105	0.99	414	12.8	205	0.50	2,632	71.7	1,521	0.58
New York City	100	40.0	100	1.00	412	11.4	200	0.49	2,379	79.1	1,502	0.63
Pennsylvania	45	77.8	54	1.20	138	142.8	265	1.92	1,178	99.9	1,194	1.01
Philadelphia	27	48.1	28	1.04	92	175.0	229	2.49	1,012	96.8	1,091	1.08
Pittsburgh	1	500.0	8	8.00	7	14.3	0	0	91	83.5	61	0.67
REGION III TOTAL	212	96.7	482	2.27	681	58.1	850	1.25	5,079	85.6	5,954	1.17
CONT. REGION III	165	95.8	433	2.62	555	57.7	695	1.25	4,706	86.1	5,636	1.20
Dist. of Columbia	17	47.1	15	0.88	141	55.3	131	0.95	1,582	90.5	1,707	1.08
Kentucky	29	124.1	73	2.22	28	114.3	66	2.36	492	80.9	511	1.04
Maryland	4	100.0	24	4.00	26	142.3	61	2.35	75	62.7	52	0.69
North Carolina	74	120.3	254	3.43	158	65.2	262	1.66	1,785	81.4	2,295	1.29
Virginia	35	54.3	62	1.77	168	33.3	148	0.88	611	101.0	930	1.52
West Virginia	6	33.3	5	0.83	34	41.2	24	0.71	161	65.2	141	0.88
Puerto Rico	47	100.0	49	1.04	126	60.3	155	1.23	373	79.1	318	0.85
REGION IV TOTAL	325	99.4	1,314	4.04	968	66.0	1,940	2.00	7,807	87.1	9,312	1.19
Alabama	32	130.8	277	5.33	144	129.9	525	4.34	424	99.8	284	0.67
Florida	50	90.0	120	2.40	183	45.5	154	1.08	1,893	73.6	1,901	1.03
Georgia	104	100.0	428	4.12	180	66.7	265	1.47	1,908	90.9	1,975	1.04
Mississippi	29	113.8	124	4.28	49	91.8	167	3.41	908	51.4	694	0.76
South Carolina	40	87.5	143	3.58	334	32.3	251	0.78	921	54.9	830	0.90
Tennessee	50	76.0	222	4.44	118	96.6	468	3.97	1,793	128.8	3,628	2.02
REGION V TOTAL	73	74.0	217	2.97	271	59.4	357	1.32	5,063	112.6	4,727	0.93
Illinois	54	55.6	150	2.78	189	43.4	216	1.14	3,613	99.4	2,438	0.67
Chicago	45	57.8	134	2.98	161	39.1	192	1.21	3,293	96.1	2,307	0.70
Indiana	3	333.3	9	3.00	13	215.4	36	2.77	226	121.7	302	1.34
Michigan	16	87.5	58	3.62	69	73.9	105	1.52	1,224	149.8	1,987	1.62
REGION VI TOTAL	25	104.0	68	2.72	95	72.6	101	1.06	832	126.9	1,267	1.52
Iowa	0	-	0	-	8	75.0	9	1.12	45	142.2	119	2.64
Kansas	1	100.0	1	1.00	29	82.8	35	1.21	159	175.5	395	2.48
Minnesota	2	100.0	2	1.00	2	100.0	3	1.50	53	118.9	26	0.49
Missouri	21	109.5	65	3.10	46	76.1	51	1.11	510	107.6	600	1.18
Nebraska	0	-	0	-	2	100.0	3	1.50	54	187.0	127	2.35
North Dakota	0	-	0	-	0	-	0	-	0	-	0	-
South Dakota	1	0	0	0	8	0	0	0	11	0	0	0
REGION VII TOTAL	111	77.5	244	2.20	569	93.0	1,039	1.83	3,111	122.5	4,552	1.46
Arkansas	2	100.0	4	2.00	45	80.0	95	2.11	143	81.1	203	1.42
Louisiana	43	60.5	55	1.28	222	50.0	266	1.20	1,071	75.0	1,238	1.16
New Mexico	5	100.0	14	2.80	60	100.0	4	0.07	116	146.6	35	0.33
Oklahoma	10	30.0	8	0.80	20	10.0	7	0.35	396	92.4	546	1.38
Texas	51	98.0	163	3.20	222	144.1	667	3.00	1,385	170.0	2,527	1.82
REGION VIII TOTAL	3	33.3	1	0.33	6	66.7	5	0.83	163	170.6	416	2.55
Colorado	0	-	0	-	5	60.0	4	0.80	115	180.9	320	2.78
Idaho	1	100.0	1	1.00	0	-	1	-	42	147.6	88	2.10
Utah	2	0	0	0	1	0	0	0	5	80.0	3	0.60
Wyoming	0	-	0	-	0	-	0	-	1	400.0	5	5.00
REGION IX TOTAL	69	85.5	127	1.84	243	78.6	115	0.47	2,778	129.0	2,121	0.76
CONT. REGION IX	69	85.5	127	1.84	241	78.4	113	0.47	2,754	129.2	2,089	0.76
Arizona	8	12.5	1	0.12	41	17.1	7	0.17	165	29.7	52	0.32
California	49	100.0	101	2.06	170	100.0	75	0.44	2,340	136.5	1,634	0.70
Oregon	4	50.0	4	1.00	9	11.1	8	0.89	70	88.6	75	1.07
Washington	8	87.5	21	2.62	21	52.4	23	1.10	179	141.3	328	1.83
Alaska	0	-	0	-	0	-	2	-	19	57.9	11	0.58
Hawaii	0	-	0	-	2	0	0	0	5	260.0	21	4.20
All Areas Reporting Continental U.S.	985	81.6	2,592	2.63	3,245	61.6	4,775	1.35	29,371	97.7	31,247	1.06
All Areas Reporting U.S. & Territories	1,032	82.5	2,641	2.56	3,673	61.6	4,932	1.34	29,768	97.5	31,597	1.06

a/ Cases reported by clinics, hospitals and institutions on quarterly Morbidity Report, PBS 688  
b/ Male cases reported by clinics, hospitals and institutions on quarterly Morbidity Report PBS 688

c/ Some areas may have over 100 percent because some females were interviewed.

<sup>d/</sup> Excludes Baltimore

Source: Form PBS 688

Form PBS 2127

HHS-PBS-VD

Division of Special Health Services

4/19/54 MC:ML:tmk

**VOLUME OF CASE-FINDING INVESTIGATIONS AND PERCENTAGE OF SUSPECTS EXAMINED**  
**1. - CONTACTS AND OTHER SUSPECTS AMONG CIVILIANS**  
**ALL AREAS REPORTING**

October - December 1953

STATES REPORTING BY NEW REGIONS	Investigations Completed								Percent Examined							
	Total* Contacts and Suspects	Contacts of Clinic Cases			Contacts of Private Physician Cases	Positive STS and Other Suspects	Total* Contacts and Suspects	Contacts of Clinic Cases			Contacts of Private Physician Cases	Positive STS and Other Suspects				
		Pri. & Sec.	Early Latent	Other				Pri. & Sec.	Early Latent	Other						
REGION I TOTAL	1,840	26	33	134	412	41	1,192	81.3	96.2	51.5	77.6	61.2	78.0	89.4		
Connecticut	1,131	2	13	50	107	0	959	86.8	100.0	53.8	56.0	52.3	-	92.7		
Maine	15	0	0	0	0	13	2	60.0	-	-	-	-	61.5	50.0		
Massachusetts	651	24	20	84	297	11	213	72.8	95.8	50.0	90.5	64.3	90.9	77.0		
New Hampshire	7	0	0	0	0	6	1	71.4	-	-	-	-	66.7	100.0		
Rhode Island	13	0	0	0	8	4	1	76.9	-	-	-	62.5	100.0	100.0		
Vermont	23	0	0	0	0	7	16	69.6	-	-	-	-	85.7	62.5		
REGION II TOTAL	8,139	115	425	616	2,596	81	4,224	64.7	63.5	56.9	63.0	58.4	48.1	70.3		
Delaware	100	2	4	10	54	0	30	52.0	50.0	50.0	80.0	40.7	-	63.3		
New Jersey	1,478	12	38	24	467	44	889	67.3	50.0	52.6	62.5	57.6	59.1	73.7		
New York	4,952	57	113	532	922	34	3,216	65.7	56.1	62.8	60.9	57.3	38.2	70.0		
New York City	4,878	49	106	514	898	34	3,201	65.8	57.1	63.2	60.5	58.1	38.2	69.9		
Pennsylvania	1,609	44	270	50	1,153	3	89	60.2	77.3	55.2	82.0	60.5	0	52.8		
Philadelphia	1,321	22	229	0	1,046	0	24	59.3	90.9	51.1	-	60.6	-	50.0		
Pittsburgh	115	4	5	2	63	2	39	45.2	25.0	20.0	50.0	49.2	0	46.2		
REGION III TOTAL	15,945	500	981	950	5,949	134	7,161	77.3	78.2	67.4	83.8	68.4	79.8	85.4		
CONT. REGION III	14,054	454	768	798	5,682	134	5,951	76.6	76.2	69.1	84.0	67.7	79.8	85.4		
Dist. of Columbia	2,383	13	133	170	1,481	0	494	76.0	53.8	70.7	84.7	72.8	-	86.2		
Kentucky	2,207	78	72	47	463	25	1,502	74.3	84.6	62.5	78.7	58.3	68.0	79.0		
Maryland/	491	19	79	95	156	12	122	63.5	73.7	87.3	86.3	41.0	91.7	54.9		
North Carolina	4,239	239	271	317	2,298	29	978	78.9	81.6	76.4	86.4	73.7	86.2	88.2		
Virginia	3,372	86	168	58	1,095	60	1,867	74.2	55.8	51.2	67.2	54.3	78.3	89.6		
West Virginia	1,362	19	45	111	189	8	988	85.3	84.2	66.7	84.7	76.7	87.5	88.0		
Puerto Rico	1,891	46	213	152	267	0	1,210	82.5	97.8	61.0	82.9	84.3	-	85.3		
REGION IV TOTAL	22,447	1,473	2,379	2,182	9,108	98	6,844	76.8	65.5	66.6	87.5	71.2	66.3	87.2		
Alabama	2,064	340	868	74	732	8	37	53.8	44.7	53.6	76.4	54.5	75.0	67.6		
Florida	2,976	119	169	124	1,802	47	624	68.9	67.2	64.5	75.0	65.5	51.1	80.3		
Georgia	1,062	517	291	39	2,099	0	997	76.8	61.9	67.4	64.1	77.8	-	88.9		
Mississippi	4,689	186	207	669	918	24	2,660	86.2	86.6	82.6	90.6	74.2	83.3	89.6		
South Carolina	4,351	126	481	928	817	4	1,964	81.4	67.5	66.5	87.1	71.7	75.0	87.9		
Tennessee	4,305	185	363	348	2,740	15	602	78.2	90.3	89.3	91.7	73.3	80.0	83.7		
REGION V TOTAL	6,855	260	411	359	3,010	219	2,565	54.7	51.2	50.9	69.6	54.1	46.6	55.5		
Illinois	1,960	170	244	105	242	191	1,005	63.1	61.2	51.5	72.4	47.5	44.5	71.9		
Chicago	1,277	140	214	96	123	2	700	62.5	66.4	24.7	71.9	26.0	50.0	69.4		
Indiana	508	9	36	13	302	28	117	52.8	22.2	66.7	84.6	51.3	60.7	49.6		
Michigan	4,387	81	131	241	2,466	0	1,443	51.2	33.3	39.7	67.6	55.0	-	44.5		
REGION VI TOTAL	3,793	96	145	180	1,176	393	1,784	66.4	72.9	52.4	63.6	61.2	77.1	68.5		
Iowa	836	4	13	29	156	115	519	85.5	100.0	76.9	62.1	80.8	76.5	90.4		
Kansas	597	15	28	53	312	28	153	56.8	53.3	42.9	66.0	60.9	96.4	41.2		
Minnesota	535	1	2	0	31	62	439	55.0	0	50.0	-	32.3	53.2	56.9		
Missouri	1,369	76	99	88	574	127	395	65.9	76.3	51.5	62.5	57.0	93.7	72.9		
Nebraska	274	0	3	10	103	32	125	74.8	-	66.7	100.0	65.0	56.2	86.4		
North Dakota	26	0	0	0	0	23	3	73.1	-	-	-	-	73.9	66.7		
South Dakota	156	0	0	0	0	6	150	27.6	-	-	-	-	16.7	26.0		
REGION VII TOTAL	13,830	275	1,059	2,177	4,395	29	5,797	81.5	78.5	73.8	89.2	70.6	75.9	88.6		
Arkansas	1,015	41	150	130	258	2	433	87.6	82.9	90.7	92.3	75.2	100.0	92.8		
Louisiana	5,552	59	314	1,023	1,227	4	2,855	81.6	79.7	70.4	88.0	66.8	100.0	87.2		
New Mexico	384	4	3	6	33	0	337	88.8	25.0	100.0	100.0	51.5	-	92.9		
Oklahoma	889	23	20	28	618	23	175	78.4	78.3	60.0	92.9	77.5	69.6	82.9		
Texas	5,990	148	572	990	2,259	0	1,997	80.4	78.4	71.7	89.9	70.6	-	89.6		
REGION VIII TOTAL	930	5	2	21	381	36	476	69.5	60.0	100.0	81.0	52.5	72.2	83.0		
Colorado	555	0	2	2	273	14	259	67.6	-	100.0	100.0	47.3	64.3	90.0		
Idaho	332	5	0	16	94	4	210	72.9	60.0	-	87.5	67.0	75.0	74.3		
Utah	29	0	0	2	9	15	2	72.4	-	0	0	66.7	86.7	100.0		
Wyoming	14	0	0	1	5	3	5	57.1	-	-	100.0	40.0	33.3	80.0		
REGION IX TOTAL	6,904	204	155	411	2,477	199	3,407	61.2	58.8	45.8	74.2	42.6	33.7	75.7		
CONT. REGION IX	6,838	204	152	409	2,442	173	3,407	61.4	58.8	46.7	74.6	42.7	29.5	75.7		
Arizona	410	8	24	12	84	6	275	65.9	25.0	33.3	16.7	36.9	0	82.5		
California	5,770	167	108	394	2,017	147	2,907	61.1	58.1	48.1	76.4	41.3	25.8	75.3		
Oregon	332	5	2	1	82	15	225	59.9	40.0	0	0	29.3	60.0	72.4		
Washington	326	24	18	2	259	5	0	62.0	79.2	61.1	100.0	59.5	80.0	-		
Alaska	29	0	3	2	24	0	0	20.7	-	0	0	25.0	-	-		
Hawaii	37	0	0	0	11	26	0	64.9	-	-	-	72.7	61.5	-		

All Areas Reporting

Continental U.S.

U.S. & Territories

\* Total includes Other VD not shown separately

a/ Excludes Baltimore

Source: PHS 2127  
 HEM-PHS-VD  
 Division of Special Health Services  
 4/20/54 MC:ML:tak

Stat. Inf. 41  
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**VOLUME OF CASE-FINDING INVESTIGATIONS AND PERCENTAGE OF SUSPECTS EXAMINED**  
**11. - CIVILIAN CONTACTS OF ARMED FORCES PERSONNEL AND SELECTEE AND SEPARATEE SUSPECTS**  
**ALL AREAS REPORTING**

October - December 1953

STATE REPORTING BY HEW REGIONS	Investigations Completed							Percent Examined							
	Total* Contacts and Suspects	Contacts of Military Cases				Total* Contacts and Suspects	Contacts of Military Cases				Selectees and Separates	Fri. & Sec.	Early Latent	Other	
		Syphilis	Pri. & Sec.	Early Latent	Other		Selectees and Separates	Fri. & Sec.	Early Latent	Other				Gonor- rhea	Selectees and Separates
REGION I TOTAL	445	7	2	2	392	32	53.3	71.4	100.0	100.0	50.5	50.5	78.1		
Connecticut	31	0	0	0	18	13	58.1	-	-	-	55.6	55.6	61.5		
Maine	11	0	0	0	0	0	81.8	-	-	-	81.8	81.8	-		
Massachusetts	317	7	2	2	290	10	55.5	72.4	100.0	100.0	53.1	53.1	50.0		
New Hampshire	12	0	0	0	0	1	50.0	-	-	-	54.5	54.5	0.0		
Rhode Island	72	0	0	0	60	8	37.5	-	-	-	30.0	30.0	100.0		
Vermont	2	0	0	0	0	0	50.0	-	-	-	50.0	50.0	-		
REGION II TOTAL	653	20	15	15	480	106	51.5	70.0	66.7	60.0	49.0	49.0	56.6		
Delaware	19	0	0	1	16	2	47.4	-	-	-	50.0	50.0	50.0		
New Jersey	193	4	9	4	125	43	53.4	100.0	66.7	50.0	47.2	47.2	69.4		
New York	225	9	2	5	171	32	43.4	55.6	50.0	40.0	44.4	44.4	55.2		
New York City	124	6	2	2	91	23	40.3	50.0	50.0	50.0	51.5	51.5	43.5		
Pennsylvania	216	7	4	5	168	27	53.2	71.4	75.0	69.0	54.3	54.3	37.9		
Philadelphia	108	1	3	0	99	2	50.5	100.0	100.0	-	56.6	56.6	0.0		
Pittsburgh	28	1	1	0	24	2	21.4	100.0	0	-	16.7	16.7	50.0		
REGION III TOTAL	2,250	70	20	3	1,840	279	56.1	59.7	50.0	66.7	54.0	54.0	71.7		
CONT. REGION III	2,019	69	16	3	1,690	205	53.5	55.1	62.5	66.7	51.6	51.6	65.3		
District of Columbia	264	8	3	1	220	21	31.1	25.0	66.7	0	25.5	25.5	85.7		
Kentucky	277	9	6	0	213	49	49.8	66.7	83.3	-	46.5	46.5	57.1		
Maryland <sup>a</sup> /	128	4	0	0	94	26	50.4	25.0	-	-	55.5	55.5	64.2		
North Carolina	647	27	3	1	556	52	62.3	59.3	0	100.0	62.9	62.9	63.4		
Virginia	590	20	4	1	307	45	52.5	65.0	75.0	100.0	49.3	49.3	77.8		
West Virginia	113	1	0	0	100	12	53.7	0	-	-	62.0	62.0	95.3		
Puerto Rico	231	1	4	0	150	74	78.4	100.0	0	-	50.7	50.7	76.4		
REGION IV TOTAL	2,642	104	43	15	2,058	365	67.7	60.6	81.4	80.0	66.2	66.2	75.6		
Alabama	499	29	13	2	126	25	54.7	44.8	84.6	50.0	54.5	54.5	60.0		
Florida	285	4	6	10	236	25	54.0	50.0	100.0	100.0	55.5	55.5	64.0		
Georgia	738	18	4	3	529	169	65.3	77.8	75.0	33.3	59.4	59.4	80.0		
Mississippi	241	7	5	0	217	9	50.8	57.1	86.0	-	58.5	58.5	66.7		
South Carolina	546	30	12	0	399	92	65.2	56.7	66.7	-	65.5	65.5	66.3		
Tennessee	333	16	3	0	251	49	79.6	81.2	100.0	-	78.9	78.9	53.7		
REGION V TOTAL	711	15	10	2	604	72	31.9	46.7	60.0	50.0	51.0	51.0	56.1		
Illinois	265	12	6	1	240	1	41.5	50.0	50.0	100.0	41.2	41.2	100.0		
Chicago	163	3	2	1	151	1	36.8	33.3	50.0	100.0	37.1	37.1	100.0		
Indiana	269	3	4	1	216	42	19.7	33.3	75.0	0	17.6	17.6	26.2		
Michigan	177	0	0	0	148	29	36.2	-	-	-	33.8	33.8	48.3		
REGION VI TOTAL	461	13	6	1	355	72	44.3	53.8	50.0	100.0	43.7	43.7	40.3		
Iowa	37	4	0	0	27	6	67.6	75.0	-	-	63.5	63.5	83.8		
Kansas	127	2	2	0	88	32	37.0	0	50.0	-	46.6	46.6	12.5		
Minnesota	30	0	0	0	23	6	40.0	-	-	-	21.7	21.7	100.0		
Missouri	217	7	2	1	179	21	51.6	57.1	50.0	100.0	48.6	48.6	61.2		
Nebraska	12	0	0	0	10	2	50.0	-	-	-	50.0	50.0	50.0		
North Dakota	2	0	0	0	0	2	0	-	-	-	0	0	0		
South Dakota	36	0	2	0	28	3	5.6	-	-	-	0	0	0		
REGION VII TOTAL	1,973	62	32	1	1,680	145	64.7	71.0	62.5	100.0	64.2	64.2	72.4		
Arkansas	161	4	2	0	135	14	54.7	100.0	0	-	52.6	52.6	74.4		
Louisiana	468	10	21	1	393	31	55.3	50.0	57.1	-	55.9	55.9	77.4		
New Mexico	85	0	1	0	74	6	54.1	-	100.0	-	50.0	50.0	95.3		
Oklahoma	254	16	4	0	217	10	73.2	87.5	75.0	-	72.4	72.4	70.0		
Texas	1,005	32	4	1	861	84	69.4	65.6	100.0	100.0	69.2	69.2	70.2		
REGION VIII TOTAL	114	4	0	0	100	5	41.0	100.0	-	-	40.0	40.0	40.0		
Colorado	88	1	0	0	80	3	43.2	100.0	-	-	41.2	41.2	33.1		
Idaho	8	0	0	0	7	1	50.0	-	-	-	27.1	27.1	0.0		
Utah	5	1	0	0	3	1	50.0	100.0	-	-	65.7	65.7	100.0		
Wyoming	13	2	0	0	10	0	23.1	100.0	-	-	10.0	10.0	0		
REGION IX TOTAL	1,867	36	12	4	1,723	30	31.1	44.4	58.3	50.0	30.2	30.2	40.0		
CONT. REGION IX	1,661	30	7	4	1,532	30	31.4	53.3	57.1	50.0	30.4	30.4	40.0		
Arizona	86	1	0	0	65	16	31.4	100.0	-	-	35.4	35.4	18.6		
California	1,241	20	6	4	1,165	14	32.6	55.0	50.0	50.0	31.8	31.8	-		
Oregon	63	1	0	0	44	14	28.6	0	-	-	18.2	18.2	0.0		
Washington	271	8	1	0	258	0	26.6	50.0	100.0	-	26.0	26.0	-		
Alaska	171	6	1	0	160	0	23.4	0	-	-	25.3	25.3	-		
Hawaii	35	0	4	0	31	0	34.3	0	75.0	-	51.6	51.6	-		
All Areas Reporting Continental U.S.	10,679	324	131	43	8,891	1,032	53.6	61.1	68.7	60.3	51.7	51.7	65.6		
All Areas Reporting U.S. & Territories	11,116	331	140	43	9,232	1,106	53.6	60.1	66.4	69.8	51.7	51.7	66.5		

\* Total includes Other WD not shown separately

/ Excludes Baltimore

Source: PHS 2127

HSM-PHS-WD

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**MORTALITY DUE TO SYPHILIS**  
 Reported Rates per 100,000 Population  
 By the Sixth Revision of the International Lists of Diseases and Causes of Death <sup>a/</sup>

1942 - 1951

REGIONS AND STATES	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	5.7	6.2	5.6	5.2	4.2	4.5	4.3	3.7	3.9	3.1
Connecticut	6.1	6.5	6.2	5.6	4.4	4.5	5.0	3.9	4.5	2.6
Maine	4.5	5.0	4.8	5.4	4.3	4.8	3.9	3.4	3.7	2.9
Massachusetts	5.6	6.2	5.2	4.6	3.9	4.6	4.0	3.2	3.4	3.3
New Hampshire	5.5	6.9	7.3	4.7	5.5	4.2	6.9	4.4	5.8	3.0
Rhode Island	7.7	6.4	6.1	8.0	4.3	4.3	4.2	6.3	4.6	3.3
Vermont	3.2	4.9	7.6	3.7	3.2	2.5	2.8	3.8	3.7	3.0
REGION II TOTAL	9.8	9.9	8.6	8.0	6.7	6.5	5.8	5.0	4.2	3.7
Delaware	12.0	10.8	11.3	10.5	8.7	8.4	7.3	8.5	3.4	4.2
New Jersey	8.2	8.5	7.5	5.7	5.0	5.4	5.1	3.6	2.9	
New York	10.7	11.0	9.4	8.8	7.1	7.0	6.1	5.1	4.6	3.6
Pennsylvania	9.3	9.0	8.0	7.8	6.9	6.3	5.6	4.7	3.8	4.1
REGION III TOTAL <sup>b/</sup>	9.6	8.9	8.3	8.6	7.1	7.1	6.0	6.4	5.1	4.3
District of Columbia	13.7	11.0	12.1	13.9	9.2	10.9	9.7	9.9	8.3	6.9
Kentucky	8.0	8.1	7.2	6.4	5.9	5.0	5.0	5.1	3.1	3.3
Maryland	13.9	11.5	11.5	12.4	9.5	9.1	8.9	8.0	7.5	5.0
North Carolina	6.7	6.4	6.1	6.2	4.9	5.3	3.8	4.9	4.1	2.9
Virginia	10.7	9.2	8.1	8.9	7.9	8.1	6.4	7.0	5.6	5.7
West Virginia	9.4	10.8	9.4	9.2	7.9	7.7	6.4	6.8	5.4	4.5
REGION IV TOTAL	11.0	10.4	10.2	9.0	8.0	7.5	6.9	6.7	5.6	4.5
Alabama	7.9	7.5	10.6	9.4	8.1	7.9	7.1	6.4	5.4	4.2
Florida	13.1	12.2	11.6	9.6	9.0	7.7	7.8	7.6	6.5	5.5
Georgia	11.6	10.7	9.4	8.7	7.8	7.6	6.4	7.2	5.9	4.5
Mississippi	14.4	13.1	11.0	9.4	8.0	7.5	7.5	7.5	5.5	4.7
South Carolina	10.4	11.1	10.3	10.2	9.8	9.5	8.6	7.3	6.6	3.9
Tennessee	9.6	8.8	8.7	7.4	6.4	6.0	5.0	4.7	4.3	4.0
REGION V TOTAL	8.1	8.6	8.0	7.7	6.9	6.4	5.9	6.1	5.2	4.2
Illinois	8.1	8.7	8.2	7.9	6.9	6.0	5.4	6.0	4.9	3.6
Indiana	8.6	9.5	8.6	8.6	7.9	7.8	6.0	6.7	5.9	4.9
Michigan	8.2	8.1	7.3	7.2	7.0	6.1	6.0	6.2	5.1	4.4
Ohio	9.5	10.3	9.4	8.6	7.8	7.5	7.4	7.0	6.3	5.3
Wisconsin	4.5	4.9	4.8	4.7	4.0	3.6	3.3	3.5	2.8	2.5
REGION VI TOTAL	7.3	6.9	6.9	6.9	6.3	5.8	4.9	5.1	4.7	3.9
Iowa	6.0	5.7	6.3	5.4	4.8	5.1	4.3	4.9	4.0	3.0
Kansas	8.1	6.6	7.2	8.2	6.1	6.2	4.8	5.3	5.0	4.3
Minnesota	5.8	4.1	5.1	5.1	5.2	4.4	3.5	4.0	3.8	2.9
Missouri	10.2	10.9	10.1	10.6	9.2	8.0	7.0	7.1	6.9	6.4
Nebraska	6.8	5.9	5.4	4.2	5.0	4.9	4.0	3.7	2.7	2.1
North Dakota	3.1	3.3	3.3	3.4	3.9	2.2	2.3	2.4	3.4	1.2
South Dakota	4.3	4.1	4.4	4.2	3.6	4.4	4.1	2.9	2.6	1.7
REGION VII TOTAL	9.6	9.5	9.3	8.7	7.8	7.5	6.9	6.8	6.4	5.2
Arkansas	8.4	8.2	8.0	8.1	6.2	8.1	6.1	5.0	5.4	4.3
Louisiana	15.7	14.3	15.2	14.1	12.2	11.7	11.5	11.4	10.0	8.2
New Mexico	7.5	10.4	7.7	8.7	10.1	7.1	7.9	6.8	6.0	4.0
Oklahoma	6.8	7.8	7.2	6.3	6.8	6.1	5.8	5.6	5.3	4.0
Texas	8.6	8.6	8.1	7.6	6.6	6.3	5.8	6.0	5.8	4.7
REGION VIII TOTAL	7.0	5.8	6.7	6.0	5.4	5.2	4.9	4.1	4.0	2.9
Colorado	9.2	6.9	6.1	6.5	6.6	7.0	6.5	4.6	3.7	2.5
Idaho	4.2	2.4	4.1	3.5	2.8	2.9	2.5	2.8	3.7	2.0
Montana	8.4	7.4	11.5	8.6	7.1	6.8	5.4	6.2	5.2	3.9
Utah	3.7	3.8	3.5	3.3	3.4	2.4	3.3	1.6	3.8	2.8
Wyoming	7.9	9.3	13.9	10.2	6.6	5.0	5.9	6.9	3.8	5.1
REGION IX TOTAL <sup>b/</sup>	10.3	9.7	8.9	8.2	6.9	6.6	5.8	6.3	5.2	4.0
Arizona	8.0	6.3	9.1	10.3	7.4	6.9	6.6	6.7	6.1	5.6
California	11.3	10.6	9.1	8.7	7.2	6.9	6.2	6.6	5.5	3.8
Nevada	10.5	13.9	11.3	8.8	11.0	9.2	6.9	7.5	9.3	8.2
Oregon	8.2	7.1	8.1	6.3	6.4	5.3	5.0	5.4	4.3	3.5
Washington	8.4	8.3	7.4	6.2	5.9	5.8	4.2	5.5	3.8	4.0
CONTINENTAL U.S.	9.0	9.0	8.3	7.9	6.9	6.5	5.9	5.8	5.0	4.1

<sup>a/</sup> For comparability of mortality trends, the rates for the years 1942-1948 have been adjusted from the Fifth to the Sixth Revision of the International Lists by applying the provisional comparability ratio to deaths coded by the Fifth Revision.

<sup>b/</sup> In Continental United States only.

Source: Mortality data from National Office of Vital Statistics  
 Population data from Bureau of the Census  
 HEW-PHS-VD  
 4/7/54 BEL:tmk

MORTALITY DUE TO PARESIS  
Reported Rates Per 100,000 Population  
By the Sixth Revision of the International Lists of Diseases and Causes of Death <sup>a/</sup>

1942 - 1951

REGIONS AND STATES	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	1.4	1.7	1.6	1.3	1.2	1.0	0.7	0.4	0.5	0.4
Connecticut	1.1	1.5	1.5	1.4	1.0	0.8	0.6	0.4	0.4	0.2
Maine	1.4	1.9	1.0	1.9	1.7	1.8	1.0	0.3	0.5	0.7
Massachusetts	1.4	2.0	1.7	1.1	0.9	1.0	0.7	0.4	0.3	0.4
New Hampshire	1.8	1.5	1.5	0.9	2.2	1.4	0.8	0.4	1.1	0.6
Rhode Island	1.6	0.5	1.3	1.5	1.3	1.2	0.9	1.4	0.6	0.4
Vermont	1.4	2.1	1.9	1.2	1.8	0.3	0.3	0	1.3	0.8
REGION II TOTAL	2.9	3.0	2.8	2.7	2.2	2.0	1.7	1.2	0.8	0.2
Delaware	3.3	5.4	3.2	2.4	2.3	2.6	1.9	1.9	0.6	0.9
New Jersey	2.3	2.4	2.6	1.8	1.6	1.4	1.4	1.0	0.7	0.4
New York	3.0	3.3	3.0	2.9	2.3	2.1	1.8	1.2	0.8	0.7
Pennsylvania	3.0	2.9	2.6	2.7	2.4	2.0	1.7	1.2	0.9	0.7
REGION III TOTAL <sup>b/</sup>	2.7	2.6	2.5	2.7	2.3	2.0	1.5	1.5	0.9	0.9
District of Columbia	2.4	1.5	2.0	2.0	1.4	1.7	1.5	1.8	0.5	0.9
Kentucky	2.7	3.1	2.9	2.9	2.4	1.6	1.7	1.1	0.5	0.7
Maryland	4.0	3.5	2.9	4.4	3.0	2.4	2.0	1.5	1.5	0.9
North Carolina	1.6	1.7	1.3	1.5	1.0	1.1	0.7	1.2	0.6	0.6
Virginia	3.1	2.9	2.9	2.9	2.9	2.8	1.9	1.6	1.1	1.4
West Virginia	2.9	3.0	3.2	3.0	3.2	2.5	1.8	2.2	1.4	1.1
REGION IV TOTAL	2.4	2.6	2.9	2.6	3.2	2.0	1.6	1.3	1.1	0.7
Alabama	0.7	0.8	1.2	1.1	0.8	1.1	0.9	0.7	0.7	0.6
Florida	2.2	2.7	3.3	2.9	2.8	1.9	1.5	0.6	0.6	0.6
Georgia	2.9	3.3	3.8	3.77	2.8	2.4	2.1	1.8	1.8	1.0
Mississippi	3.0	3.1	2.6	2.6	2.0	1.8	1.4	1.7	0.7	0.5
South Carolina	2.4	3.2	2.9	2.9	3.2	3.1	2.7	2.0	1.7	1.0
Tennessee	3.4	2.5	3.3	2.7	1.8	1.8	1.6	1.0	0.8	0.9
REGION V TOTAL	2.7	3.0	2.9	2.7	2.4	2.0	1.6	1.5	1.1	0.9
Illinois	3.2	3.3	3.3	2.9	2.8	2.3	1.8	2.0	1.3	1.0
Indiana	3.5	3.7	3.7	3.8	3.3	3.2	2.0	2.0	1.6	1.4
Michigan	2.2	2.3	2.3	2.1	1.8	1.4	1.2	1.0	0.6	0.6
Ohio	2.7	3.6	3.1	2.8	2.6	2.0	2.0	1.6	1.4	1.1
Wisconsin	1.2	1.4	1.5	1.2	1.0	1.0	0.7	0.4	0.3	0.4
REGION VI TOTAL	2.1	1.8	1.8	1.8	1.8	1.5	1.1	1.0	0.7	0.6
Iowa	1.9	1.5	2.1	1.7	1.8	1.5	0.8	0.6	0.5	0.4
Kansas	2.4	1.6	1.9	2.7	1.9	1.9	1.4	0.8	0.4	0.6
Minnesota	1.8	1.4	1.1	1.0	1.3	0.6	0.6	0.6	0.5	0.2
Missouri	2.6	2.6	2.6	2.6	2.6	1.9	1.5	1.6	1.4	1.0
Nebraska	2.1	1.8	1.7	1.5	1.7	1.9	1.2	1.3	0.7	0.8
North Dakota	0.5	0.2	0.2	0.2	0.4	0.4	0.2	0.9	0.2	0.3
South Dakota	0.7	1.2	1.1	0.7	1.1	1.4	1.7	0.8	0.8	0.0
REGION VII TOTAL	2.4	2.9	2.7	2.7	2.4	2.0	1.8	1.4	1.0	1.0
Arkansas	2.7	3.0	2.8	2.7	2.0	2.7	1.6	1.0	0.7	0.7
Louisiana	2.8	3.7	3.0	3.3	3.2	2.7	2.7	1.9	1.3	1.3
New Mexico	0.7	0.7	0.2	0.9	2.2	0.5	0.7	0.6	0.6	0.4
Oklahoma	2.1	2.1	2.1	2.0	2.5	1.7	1.6	1.3	0.9	1.2
Texas	2.3	2.9	3.0	2.9	2.2	1.9	1.6	1.5	1.0	0.9
REGION VIII TOTAL	2.1	1.9	1.8	1.7	1.5	1.0	0.8	0.5	0.7	0.5
Colorado	2.2	2.4	2.3	1.8	2.0	1.6	0.7	0.4	0.8	0.4
Idaho	0.8	0.8	0.7	0.8	0.2	0.2	0.7	0.2	0.3	0.5
Montana	3.4	1.6	1.9	1.9	1.4	1.4	0.2	0.9	0.5	0.0
Utah	1.2	1.3	0.7	1.3	1.2	0.3	0.9	0.1	0.9	0.8
Wyoming	3.7	3.5	4.4	3.7	2.3	1.2	1.9	1.4	0.3	0.7
REGION IX TOTAL <sup>b/</sup>	2.1	2.1	2.4	2.0	1.7	1.4	1.0	0.7	0.5	0.4
Arizona	0.8	0.6	0.6	2.0	0.9	1.0	0.8	0.6	0.5	0.5
California	2.2	2.1	2.5	2.2	1.8	1.4	1.0	0.8	0.5	0.4
Nevada	1.5	2.8	3.3	0.7	2.1	0.7	2.5	0.6	1.2	1.8
Oregon	2.7	2.1	2.5	1.8	1.7	1.0	1.2	0.9	0.3	0.4
Washington	1.7	2.4	2.2	1.4	1.5	1.3	0.7	0.5	0.5	0.5
CONTINENTAL U.S.	2.5	2.6	2.5	2.4	2.1	1.8	1.5	1.2	0.9	0.7

<sup>a/</sup> For comparability of mortality trends, the rates for the years 1942-1948 have been adjusted from the Fifth to the Sixth Revision of the International Lists by applying the provisional comparability ratio to deaths coded by the Fifth Revision.

<sup>b/</sup> In Continental United States only.

Source: Mortality data from National Office of Vital Statistics

Population data from Bureau of the Census

HEW-PHS-VD

4/8/54 BKL:tmk

**MORTALITY DUE TO SYPHILIS EXCEPT PARESIS**

Reported Rates per 100,000 Population

By the Sixth Revision of the International Lists of Diseases and Causes of Death <sup>a/</sup>

1942 - 1951

REGIONS AND STATES	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	4.3	4.5	4.0	3.9	3.0	3.5	3.6	3.3	3.4	2.7
Connecticut	5.0	5.0	4.7	4.2	3.4	3.7	4.4	3.5	4.1	2.4
Maine	3.1	3.1	3.8	3.5	2.6	3.0	2.9	3.1	3.2	2.2
Massachusetts	4.2	4.2	3.5	3.5	3.0	3.6	3.3	2.8	3.0	2.9
New Hampshire	3.7	5.4	5.8	3.8	3.3	2.8	6.1	4.0	4.7	2.4
Rhode Island	6.1	5.9	4.8	6.5	3.0	3.1	3.3	4.9	3.9	2.9
Vermont	1.8	2.8	5.7	2.5	1.4	2.2	2.5	3.8	2.4	2.2
REGION II TOTAL	6.9	6.9	5.8	5.3	4.5	4.5	4.1	3.8	3.4	3.5
Delaware	8.7	5.4	8.1	8.1	6.4	5.8	5.4	6.6	2.0	3.3
New Jersey	5.9	6.1	4.9	3.9	3.4	4.0	4.0	4.1	2.9	2.5
New York	7.7	7.7	6.4	5.9	4.8	4.9	4.3	3.9	3.9	2.9
Pennsylvania	6.3	6.1	5.4	5.1	4.5	4.3	3.9	3.5	3.0	3.4
REGION III TOTAL <sup>b/</sup>	6.9	6.3	5.8	5.9	4.8	5.1	4.5	4.9	4.2	3.4
District of Columbia	11.3	9.5	10.1	11.9	7.8	9.2	8.2	8.1	7.8	6.0
Kentucky	5.3	5.0	11.3	3.5	3.5	3.4	3.3	4.0	2.5	2.6
Maryland	9.9	8.0	8.6	8.0	6.5	6.7	6.9	6.5	6.0	4.1
North Carolina	5.1	4.7	4.8	4.7	3.9	4.2	3.1	3.7	3.5	2.3
Virginia	7.6	6.3	5.2	6.0	5.0	5.3	4.5	5.4	4.5	4.3
West Virginia	6.5	7.8	6.2	6.2	4.7	5.2	4.6	4.6	4.0	3.4
REGION IV TOTAL	8.6	7.8	7.3	6.4	5.8	5.5	5.3	5.4	4.6	3.8
Alabama	7.2	6.7	9.4	8.3	7.3	6.8	6.2	5.7	4.7	3.6
Florida	10.9	9.5	8.3	6.7	6.2	5.8	6.3	7.0	5.9	4.9
Georgia	8.7	7.4	5.6	5.0	5.0	5.2	4.3	5.4	4.1	3.5
Mississippi	11.4	10.0	8.4	6.8	6.0	5.7	6.1	5.8	4.8	4.2
South Carolina	8.0	7.9	7.4	7.3	6.6	6.4	5.9	5.3	4.9	2.9
Tennessee	6.2	6.3	5.4	4.7	4.6	4.2	3.4	3.7	3.4	3.1
REGION V TOTAL	5.4	5.6	5.1	5.0	4.5	4.4	4.3	4.6	4.1	3.3
Illinois	4.9	5.4	4.9	5.0	4.1	3.7	3.6	4.0	3.6	2.6
Indiana	5.1	5.8	4.9	4.8	4.6	4.6	4.0	4.7	4.3	3.5
Michigan	6.0	5.8	5.0	5.1	5.2	4.7	4.8	5.2	4.5	3.8
Ohio	6.8	6.7	6.3	5.8	5.2	5.5	5.4	5.4	4.9	4.2
Wisconsin	3.3	3.5	3.3	3.5	3.0	2.6	2.6	3.1	2.6	2.1
REGION VI TOTAL	5.2	5.1	5.1	5.1	4.5	4.3	3.8	4.1	4.0	3.3
Iowa	4.1	4.2	4.2	3.7	3.0	3.6	3.5	4.3	3.5	2.6
Kansas	5.7	5.0	5.3	5.5	4.2	4.3	3.4	4.5	4.6	3.7
Minnesota	4.0	2.7	4.0	4.1	3.9	3.8	2.9	3.4	3.3	2.7
Missouri	7.6	8.3	7.5	8.0	6.6	6.1	5.5	5.5	5.5	5.4
Nebraska	4.7	4.1	3.7	2.7	3.3	3.0	2.8	2.4	2.0	1.3
North Dakota	2.6	3.1	3.1	3.2	3.5	1.8	2.1	1.5	3.2	0.9
South Dakota	3.6	2.9	3.3	3.5	2.5	3.0	2.4	2.1	1.8	1.7
REGION VII TOTAL	7.2	6.6	6.6	6.0	5.4	5.5	5.1	5.4	5.5	4.2
Arkansas	5.7	5.2	5.2	5.4	4.2	5.4	4.5	4.0	4.7	3.6
Louisiana	12.9	10.6	12.2	10.8	9.0	9.0	8.8	9.5	8.8	6.9
New Mexico	6.8	9.7	7.5	7.8	7.9	6.6	7.2	6.2	5.4	3.6
Oklahoma	4.7	5.7	5.1	4.3	4.3	4.4	4.2	4.3	4.4	2.8
Texas	6.3	5.7	5.1	4.7	4.4	4.4	4.2	4.5	4.8	3.8
REGION VIII TOTAL	4.9	3.9	4.9	4.3	3.9	4.2	4.1	3.6	3.3	2.4
Colorado	7.0	4.5	3.8	4.7	4.6	5.4	5.8	4.2	2.9	2.1
Idaho	3.4	1.6	3.4	2.7	2.6	2.7	1.8	2.6	3.4	1.5
Montana	5.0	5.8	9.6	6.7	5.7	5.4	5.2	5.3	4.7	3.9
Utah	2.5	2.5	2.8	2.0	2.2	2.1	2.4	1.5	2.9	2.0
Wyoming	4.2	5.8	9.5	6.5	4.3	3.8	4.0	5.5	3.4	4.4
REGION IX TOTAL <sup>b/</sup>	8.2	7.6	6.5	6.2	5.2	5.2	4.8	5.6	4.7	3.6
Arizona	7.2	5.7	8.5	8.3	6.5	5.9	5.8	6.1	5.6	5.1
California	9.1	8.5	6.6	6.5	5.4	5.5	5.2	5.8	5.0	3.4
Nevada	9.0	11.1	8.0	8.1	8.9	8.5	4.4	6.9	8.1	6.4
Oregon	5.5	5.0	5.6	4.5	4.7	4.3	3.8	4.5	4.1	3.1
Washington	6.7	5.9	5.2	4.8	4.4	4.5	3.5	5.0	3.3	3.5
CONTINENTAL U.S.	6.5	6.4	5.8	5.5	4.8	4.7	4.4	4.6	4.1	3.4

<sup>a/</sup> For comparability of mortality trends, the rates for the years 1942-1948 have been adjusted from the Fifth to the Sixth Revision of the International Lists by applying the provisional comparability ratio to deaths coded by the Fifth Revision.

<sup>b/</sup> In Continental United States only.

Source: Mortality data from National Office of Vital Statistics  
 Population data from Bureau of the Census  
 HEM-PHS-VD  
 4/8/54 BEL:tmk

**SYPHILIS**  
**Reported Infant Mortality Rates per 1,000 Live Births by Place of Residence**  
**United States and Each State**

1942 - 1951

REGIONS AND STATES	TOTAL							Sixth Revision		
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	.05	.05	.06	.04	.04	.01	.01	.01	.00	.00
Connecticut	0	.03	.03	0	0	.02	0	0	.02	0
Maine	.17	.16	.11	.06	.15	0	.05	.05	0	0
Massachusetts	.02	.03	.03	.05	.03	.01	.02	0	0	0
New Hampshire	.11	.11	0	.12	.09	0	0	0	0	0
Rhode Island	.14	0	.29	0	.06	0	0	0	0	.06
Vermont	0	0	0	.15	0	0	0	0	0	0
REGION II TOTAL	.15	.13	.16	.14	.08	.10	.08	.04	.03	.01
Delaware	.35	.80	.83	.67	.29	.39	.41	.27	0	0
New Jersey	.13	.12	.18	.14	.05	.17	.06	.03	0	.02
New York	.09	.10	.12	.14	.06	.06	.05	.03	.02	0
Pennsylvania	.22	.15	.17	.14	.11	.12	.13	.06	.05	.02
REGION III TOTAL <sup>a/</sup>	.49	.36	.41	.33	.25	.23	.20	.16	.09	.04
District of Columbia	.46	.44	.57	.37	.05	.23	0	.05	.05	0
Kentucky	.38	.21	.20	.10	.18	.12	.16	.13	.05	.03
Maryland	.68	.32	.77	.44	.40	.26	.21	.17	.09	.05
North Carolina	.46	.34	.34	.35	.26	.23	.20	.20	.07	.06
Virginia	.63	.44	.42	.33	.24	.33	.30	.17	.20	.07
West Virginia	.36	.48	.39	.46	.27	.16	.15	.13	.02	0
REGION IV TOTAL	.63	.52	.51	.47	.30	.23	.23	.16	.12	.08
Alabama	.59	.63	.52	.53	.35	.31	.27	.32	.16	.16
Florida	.44	.64	.48	.40	.24	.10	.13	.13	.12	.10
Georgia	.48	.42	.40	.33	.18	.15	.17	.10	.15	.03
Mississippi	.94	.60	.68	.70	.31	.21	.32	.18	.06	.03
South Carolina	.80	.52	.60	.57	.99	.39	.38	.15	.14	.13
Tennessee	.55	.37	.42	.37	.23	.22	.13	.08	.06	.06
REGION V TOTAL	.14	.14	.15	.18	.11	.07	.06	.03	.02	.01
Illinois	.10	.13	.11	.14	.13	.04	.02	.01	.01	0
Indiana	.22	.12	.18	.19	.14	.15	.04	.01	.01	.02
Michigan	.08	.08	.17	.22	.11	.07	.08	.06	.02	.01
Ohio	.26	.26	.21	.25	.11	.08	.12	.05	.03	.01
Wisconsin	0	.02	.02	.05	.04	.01	.02	.02	.01	.02
REGION VI TOTAL	.15	.13	.09	.12	.09	.06	.06	.02	.03	.02
Iowa	.08	.06	0	0	.04	.02	.05	.03	.02	0
Kansas	.21	.11	.11	.09	.05	.13	.05	.05	.02	.02
Minnesota	.03	0	.02	.07	.01	.03	0	0	0	0
Missouri	.25	.32	.21	.27	.16	.11	.11	.04	.07	.04
Nebraska	.08	.08	.12	.12	.14	0	.06	0	0	0
North Dakota	.15	.07	0	.08	.20	.06	0	0	0	.06
South Dakota	.40	.16	.16	0	.14	.06	.12	0	.06	0
REGION VII TOTAL	.64	.51	.50	.48	.34	.35	.27	.20	.13	.08
Arkansas	.47	.21	.41	.18	.20	.22	.10	.07	.09	.07
Louisiana	1.26	.90	1.13	.73	.48	.60	.52	.40	.16	.12
New Mexico	.71	.85	.58	.78	.50	.59	.49	.37	.18	.08
Oklahoma	.30	.27	.26	.25	.16	.15	.20	.14	.08	.10
Texas	.55	.49	.36	.51	.35	.31	.22	.15	.14	.07
REGION VIII TOTAL	.13	.18	.23	.16	.05	.05	.04	.03	.04	.01
Colorado	.34	.41	.33	.17	.10	0	.03	.03	.03	.03
Idaho	.09	.08	0	.09	0	0	0	0	0	0
Montana	0	0	.46	.19	.08	.33	.20	.13	.19	0
Utah	0	.06	.12	.13	0	0	0	0	0	0
Wyoming	0	.17	.18	.36	0	0	0	0	0	0
REGION IX TOTAL <sup>a/</sup>	.21	.16	.20	.18	.13	.10	.09	.07	.06	.04
Arizona	.79	.49	.91	1.05	.49	.47	.42	.79	.48	.27
California	.20	.15	.16	.15	.14	.08	.09	.03	.03	.02
Nevada	.72	1.65	0	.70	.91	0	.27	.27	0	.49
Oregon	0	.04	.17	.08	.03	.17	.03	0	.06	.05
Washington	.13	.02	.18	.04	.02	.02	0	0	0	.03
CONTINENTAL U.S.	.30	.25	.27	.25	.16	.14	.12	.08	.06	.03

<sup>a/</sup> Continental U.S. only

Source: Infant mortality data and live birth data from the  
 National Office of Vital Statistics  
 HEW-PHS-VD  
 Office of Statistics  
 4/14/54 BEL:tmk

**SYPHILIS**  
 Reported Infant Mortality Rates per 1,000 Live Births by Place of Residence  
 United States and Each State

1942 - 1951<sup>a</sup>

WHITE

REGIONS AND STATES	Fifth Revision of International Lists of Diseases and Causes of Death							Sixth Revision		
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	.04	.04	.05	.04	.04	.01	.01	0	0	.01
Connecticut	0	.03	.03	0	0	.02	0	0	0	0
Maine	.17	.11	.11	.06	.15	.05	.05	0	0	0
Massachusetts	.01	.04	.01	.04	.03	.01	.01	0	0	0
New Hampshire	.11	.11	0	.12	.09	0	0	0	0	0
Rhode Island	.14	0	.30	0	.06	0	0	0	0	.06
Vermont	0	0	0	.15	0	0	0	0	0	0
REGION II TOTAL	.08	.05	.07	.05	.03	.03	.04	.02	.02	.00
Delaware	0	.38	.20	.39	0	.30	0	0	0	0
New Jersey	.07	.04	.06	.04	.03	.04	.02	0	0	0
New York	.05	.05	.07	.04	.03	.02	.04	.01	.02	0
Pennsylvania	.12	.06	.08	.04	.03	.04	.06	.03	.02	.01
REGION III TOTAL <sup>a</sup>	.24	.20	.17	.16	.12	.08	.09	.06	.05	.02
District of Columbia	0	.18	.19	.28	0	0	0	.09	.03	0
Kentucky	.30	.18	.15	.10	.14	.08	.17	.08	.04	.01
Maryland	.31	.10	.20	.20	.10	.13	.07	.02	.05	.02
North Carolina	.13	.12	.10	.07	.11	.03	.03	.04	.01	0
Virginia	.24	.20	.10	.08	.05	.09	.08	.05	.12	.05
West Virginia	.29	.46	.36	.41	.26	.11	.14	.12	.02	0
REGION IV TOTAL	.22	.15	.14	.12	.04	.05	.04	.03	.02	.01
Alabama	.13	.08	.13	.14	.06	.02	.04	.06	.04	0
Florida	.17	.14	.11	.11	0	0	0	0	0	0
Georgia	.09	.14	.10	.04	.05	.05	0	.03	.02	0
Mississippi	.23	.18	.12	.17	.03	0	.07	0	0	0
South Carolina	.19	.07	.11	.11	.06	.09	.06	.03	.03	.03
Tennessee	.46	.25	.24	.15	.05	.12	.07	.04	.02	.04
REGION V TOTAL	.10	.09	.10	.11	.07	.04	.03	.03	.02	.00
Illinois	.05	.07	.09	.04	.07	.02	.01	.01	.01	0
Indiana	.17	.08	.13	.15	.11	.10	.02	0	.01	.01
Michigan	.03	.05	.08	.10	.05	.03	.01	.05	.01	.01
Ohio	.20	.21	.15	.19	.08	.05	.07	.04	.03	0
Wisconsin	0	.02	.03	.03	.03	0	.02	.01	.01	.01
REGION VI TOTAL	.09	.07	.04	.06	.05	.03	.03	.01	.01	.01
Iowa	.06	.06	0	0	.04	.02	.05	.02	.02	.02
Kansas	.09	.09	.06	.06	0	.07	0	.02	.02	.02
Minnesota	.03	0	.02	.06	.02	.01	0	0	0	0
Missouri	.20	.16	.10	.13	.09	.05	.05	.03	.01	.02
Nebraska	.09	.04	.04	.04	.07	0	.03	0	0	0
North Dakota	0	0	0	.08	.13	.06	0	0	0	0
South Dakota	0	0	0	0	0	.06	.13	0	.06	0
REGION VII TOTAL	.33	.25	.24	.25	.14	.14	.10	.07	.07	.04
Arkansas	.06	.12	.19	.10	.03	.13	.11	0	0	0
Louisiana	.28	.21	.11	.11	.05	.11	.04	.04	.02	0
New Mexico	.74	.70	.42	.36	.24	.21	.16	.15	.05	.09
Oklahoma	.20	.09	.17	.18	.02	.08	.07	.02	.02	.07
Texas	.40	.30	.28	.32	.21	.16	.12	.09	.10	.04
REGION VIII TOTAL	.12	.14	.16	.08	.04	.01	.01	.01	.01	.01
Colorado	.35	.42	.34	.13	.10	0	0	.03	.03	.03
Idaho	0	0	0	.09	0	0	0	0	0	0
Montana	0	0	.10	0	0	.07	.07	0	0	0
Utah	0	0	.13	.06	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0	0	0	0
REGION IX TOTAL <sup>a</sup>	.18	.12	.13	.11	.06	.05	.06	.02	.03	.02
Arizona	.80	.40	.32	.43	.07	.06	.18	.11	.17	.10
California	.18	.13	.12	.12	.08	.05	.08	.02	.02	.02
Nevada	.77	.35	0	0	.33	0	0	.30	0	.27
Oregon	0	.04	.13	.08	.03	.14	0	0	.02	.03
Washington	.08	.02	.12	.02	0	.02	0	0	0	0
CONTINENTAL U.S.	.15	.12	.12	.11	.07	.05	.05	.03	.02	.01

<sup>a/</sup> In Continental United States only

Source: Infant Mortality data and live birth data from the  
 National Office of Vital Statistics  
 HEW-PES-VD  
 Office of Statistics  
 4/14/54 BEL:tmk

**SYPHILIS**  
 Reported Infant Mortality Rates per 1,000 Live Births by Place of Residence  
 United States and Each State

1942 - 1951

**NONWHITE**

REGIONS AND STATES	Fifth Revision of International Lists of Diseases and Causes of Death							Sixth Revision		
	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
REGION I TOTAL	.43	.39	.40	.39	0	0	.25	.26	.24	0
Connecticut	0	0	0	0	0	0	0	0	.70	0
Maine	0	22.22	0	0	0	0	0	28.57	0	0
Massachusetts	.90	0	.81	.79	0	0	.50	0	0	0
New Hampshire	0	0	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0	0	0
REGION II TOTAL	1.49	1.43	1.41	1.59	.79	1.04	.55	.33	.14	.05
Delaware	2.23	3.25	4.49	2.18	2.02	.90	2.57	1.58	0	0
New Jersey	1.10	1.25	1.80	1.45	.30	1.73	.46	.33	0	.20
New York	1.09	1.20	.97	1.71	.52	.59	.12	.19	.07	0
Pennsylvania	2.03	1.62	1.46	1.46	1.32	1.33	1.09	.47	.34	.05
REGION III TOTAL <sup>a</sup>	1.55	1.01	1.38	.99	.79	.86	.59	.51	.22	.14
District of Columbia	1.38	.95	1.32	.57	.16	.65	0	0	0	0
Kentucky	1.64	.88	1.20	0	.88	.99	0	.80	.19	.18
Maryland	2.30	1.28	3.27	1.47	1.73	.86	.71	.68	.35	.15
North Carolina	1.19	.85	.89	.97	.61	.72	.57	.53	.17	.19
Virginia	1.82	1.20	1.40	1.07	.86	1.09	.95	.51	.42	.13
West Virginia	1.59	.83	.87	1.40	.41	1.15	.36	.34	0	0
REGION IV TOTAL	1.34	1.22	1.19	1.11	.82	.58	.57	.38	.28	.20
Alabama	1.39	1.64	1.23	1.18	.90	.86	.67	.75	.33	.40
Florida	1.14	2.07	1.55	1.19	.96	.39	.49	.46	.35	.35
Georgia	1.15	.92	.96	.84	.41	.34	.48	.20	.37	.08
Mississippi	1.51	.97	1.16	1.13	.57	.41	.54	.32	.11	.05
South Carolina	1.48	1.07	1.19	1.10	1.31	.79	.77	.30	.26	.25
Tennessee	1.07	1.01	1.37	1.49	1.27	.73	.41	.26	.25	.12
REGION V TOTAL	1.17	1.04	1.04	1.44	.86	.55	.48	.13	.02	.07
Illinois	.82	1.19	.42	1.38	.88	.26	.06	0	0	0
Indiana	1.61	1.16	1.42	1.06	.93	1.25	.43	.20	0	.17
Michigan	1.18	.70	1.77	2.05	1.08	.66	.84	.15	.07	.06
Ohio	1.60	1.18	1.17	1.14	.61	.57	.74	.21	0	.12
Wisconsin	0	0	0	1.36	1.22	1.05	0	.70	0	.58
REGION VI TOTAL	2.04	1.97	1.62	1.55	1.26	.88	.66	.23	.35	.20
Iowa	3.20	0	0	0	0	0	0	1.78	0	0
Kansas	3.42	.76	1.59	.81	1.35	1.75	1.08	.52	0	0
Minnesota	0	0	0	1.36	0	1.50	0	0	0	0
Missouri	1.04	2.37	1.60	1.93	.99	.87	.68	.12	.60	.22
Nebraska	0	2.30	4.58	3.68	3.48	0	1.47	0	0	0
North Dakota	5.51	3.22	0	0	2.70	0	0	0	0	2.29
South Dakota	6.27	3.01	2.65	0	3.09	0	0	0	0	0
REGION VII TOTAL	2.02	1.70	1.70	1.52	1.25	1.32	1.01	.76	.39	.28
Arkansas	1.79	.49	1.11	.39	.79	.55	.08	.26	.32	.24
Louisiana	2.74	2.03	2.76	1.68	1.22	1.45	1.26	.93	.35	.31
New Mexico	0	3.21	2.57	5.53	3.54	5.31	5.03	3.33	1.81	0
Oklahoma	1.20	1.80	.98	.83	1.26	.71	1.25	1.07	.51	.34
Texas	1.53	1.83	.88	1.83	1.36	1.41	.89	.56	.36	.27
REGION VIII TOTAL	.63	1.47	2.44	3.00	.53	2.00	1.44	.89	1.19	0
Colorado	0	0	0	1.55	0	0	1.76	0	0	0
Idaho	7.87	8.13	0	0	0	0	0	0	0	0
Montana	0	0	6.48	3.19	1.59	5.73	2.52	2.47	3.58	0
Utah	0	4.57	0	3.65	0	0	0	0	0	0
Wyoming	0	2.79	3.00	8.26	0	0	0	0	0	0
REGION IX TOTAL <sup>a</sup>	.80	1.03	1.56	1.36	1.37	.86	.46	.61	.41	.29
Arizona	.72	1.19	4.95	5.00	3.56	3.60	2.31	5.08	2.20	1.19
California	.66	.66	.76	.75	1.05	.55	.21	.10	.15	0
Nevada	0	19.14	0	9.48	8.13	0	4.07	0	0	2.65
Oregon	0	0	2.25	0	0	1.80	1.60	0	1.41	1.37
Washington	2.62	0	2.58	.72	.69	0	0	0	0	.97
CONTINENTAL U.S.	1.50	1.28	1.35	1.26	.92	.82	.63	.44	.26	.17

<sup>a</sup>/ In Continental United States only

Source: Infant mortality data and live birth data from the

National Office of Vital Statistics.

HEW-PHS-VD

Office of Statistics

4/14/54 BEL:tmk