

**Philadelphia TB Control Program  
Summary of Program Indicators**

	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>
<b>Case #</b>	333	276	309	250
<b>INH resistant</b>	18	7	11	10
<b>(INH + RIF) Resistant</b>	11	6	3	1
<b>Totally self-admin.*</b>	229/326 (70%)	151/267 (57%)	109/276 (39%)	49/167 (29%)
<b>Totally DOT*</b>	57/326 (17%)	78/267 (29%)	135/276 (49%)	87/167 (52%)
<b>Mixture (SAT + DOT)*</b>	37/326 (11%)	33/267 (12%)	31/276 (11%)	31/167 (19%)
<b>12 month completion***</b>	48%	64%	68%	59%**
<b>HIV co-infection</b>	66 (20%)	61 (22%)	59 (19%)	44 (18%)
<b>Foreign born cases</b>	48 (14%)	50 (18%)	54 (18%)	59 (24%)

\* These figures are based upon the number of cases closed to date

\*\* The 12 month completion rate for 1996 is low because it has not been 12 months since all cases have started treatment

\*\*\* These figures are calculated using the Epi-Info Cohort Protocol

## 01/15/1997 Confidential Patient Information

## SURVS-TB DEMOGRAPHICS REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

**RACE/ETHNICITY (Calculated)**

Classification	Number of	
	Records	Percent
White, Non-Hispanic	45	18.00%
Black, Non-Hispanic	147	58.80%
All races, Hispanic	19	7.60%
American Indian or Alaskan Native	0	0.00%
Asian or Pacific Islander	36	14.40%
Unknown	3	1.20%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**SEX**

Classification	Number of	
	Records	Percent
Male	155	62.00%
Female	95	38.00%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**COUNTRY OF ORIGIN**

Classification	Number of	
	Records	Percent
U.S.	191	76.40%
Non-U.S.	59	23.60%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

## SURVS TB DEMOGRAPHICS REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

**AGE GROUPS (Calculated)**

Classification	Number of Records	Percent
0 - 4	13	5.20%
5- 9	4	1.60%
10 - 14	3	1.20%
15 - 19	4	1.60%
20 - 24	19	7.60%
25 - 29	13	5.20%
30 - 34	30	12.00%
35 - 39	21	8.40%
40 - 44	30	12.00%
45 - 49	17	6.80%
50 - 54	8	3.20%
55 - 59	13	5.20%
60 - 64	14	5.60%
65 - 69	16	6.40%
70 - 74	15	6.00%
75 -79	13	5.20%
80 - 84	12	4.80%
85 and Older	5	2.00%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**HOMELESS WITHIN PAST YEAR**

Classification	Number of Records	Percent
No	198	79.20%
Yes	8	3.20%
Unknown	44	17.60%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

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 SURVS-TB DEMOGRAPHICS REPORT  
 For the Month-Year Reported Beginning 01/1996 and Ending 12/1996  
 Reporting Area: Pennsylvania Site ID: 01

**RESIDENT OF CORRECTIONAL FACILITY AT TIME OF DIAGNOSIS**

Classification	Number of Records	Percent
No	238	90.00%
Yes	12	4.80%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**RESIDENT OF LONG-TERM CARE FACILITY AT TIME OF DIAGNOSIS**

Classification	Number of Records	Percent
No	241	96.40%
Yes	9	3.60%
Unknown	16	6.40%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**INJECTED DRUG USE WITHIN PAST YEAR**

Classification	Number of Records	Percent
No	201	80.40%
Yes	19	7.60%
Unknown	30	18.80%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**NON-INJECTED DRUG USE WITHIN PAST YEAR**

Classification	Number of Records	Percent
No	193	77.20%
Yes	22	8.80%
Unknown	35	14.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

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SURVS-TB DEMOGRAPHICS REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

**EXCESS ALCOHOL USE WITHIN PAST YEAR**

Classification	Number of Records	Percent
No	166	66.40%
Yes	29	11.60%
Unknown	55	22.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**OCCUPATION (Calculated)**

Classification	Number of Records	Percent
Health Care Worker	5	2.00%
Correctional Employee	1	0.40%
Migratory Agricultural Worker	0	0.00%
Other Occupation	27	10.80%
Multiple Occupations	0	0.00%
Not Employed Within Past 24 Months	111	44.40%
Unknown	93	37.20%
Missing	13	5.20%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

Confidential Patient Information

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SURVS-TB CLINICAL DATA REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: PennsyLvania

Site ID: 01

**STATUS AT DIAGNOSIS OF TB**

Classification	Number of Records	Percent
Alive	240	96.00%
Dead	10	4.00%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**PREVIOUS DIAGNOSIS OF TB**

Classification	Number of Records	Percent
Yes	11	4.40%
No	239	95.60%
Unknown	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**SITE OF DISEASE (Calculated)**

Classification	Number of Records	Percent
Pulmonary	169	67.60%
Extrapulmonary	56	22.40%
Both	25	10.00%
Site Not Stated	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

Confidential Patient Information

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SURVS-TB CLINICAL DATA REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsy(vania)

Site ID: 01

**SPUTUM SMEAR**

Classification	Number of Records	Percent
Positive	77	30.80%
Negative	86	34.40%
Not Done	87	34.80%
Unknown	0	0.00%
Blank	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**SPUTUM CULTURE**

Classification	Number of Records	Percent
Positive	106	42.40%
Negative	38	15.20%
Not Done	93	37.20%
Unknown	13	5.20%
Blank	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**MICROSCOPIC EXAM OF TISSUE AND OTHER BODY FLUIDS**

Classification	Number of Records	Percent
Positive	47	18.80%
Negative	92	36.80%
Not Done	109	43.60%
Unknown	2	.80%
Blank	0	0.00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

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## SURVS-TB CLINICAL DATA REPORT

For the Month-Year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

**CULTURE OF TISSUE AND OTHER BODY FLUIDS**

Classification	Number of	
	Records	Percent
Positive	97	38.80%
Negative	28	11.20%
Not Done	107	42.80%
Unknown	18	7.20%
Blank	0	0 00%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

**CHEST X-RAY**

Classification	Number of	
	Records	Percent
Normal	43	17.20%
Abnormal	201	80 40%
Not Done	3	1.20%
Unknown	3	1.20%
<b>Total</b>	<b>250</b>	<b>100 00%</b>

**TUBERCULIN (MANTOUX) SKIN TEST AT DIAGNOSIS**

Classification	Number of	
	Records	Percent
Positive	129	51.60%
Negative	45	18 00%
Not Done	67	26.80%
Unknown	9	3.60%
Blank	0	0.00%
<b>Total</b>	<b>250</b>	<b>100 00%</b>



01/15/1997

Confidential Patient Information

### SURVS-TB CLINICAL DATA REPORT

For the Month-year Reported Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

#### HIV STATUS

Classification	Number of	
	Records	Percent
Negative	42	16.80%
Positive	44	17.60%
Indeterminate	0	0.00%
Refused	4	1.60%
Not Offered	38	15.20%
Test Done, Results Unknown	19	7.60%
Unknown	103	41.20%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

#### INITIAL DRUG REGIMEN (Calculated)

Classification	Number of	
	Records	Percent
No Drugs	10	4.00%
One Drug	0	0.00%
INH, RIF, PZA, and EMB or SM	199	79.60%
Isoniazid, Rifampin and Pyrazinamide	15	6.00%
Isoniazid and Rifampin	4	1.60%
Any other multiple drug combination	21	8.40%
Unknown	1	0.40%
<b>Total</b>	<b>250</b>	<b>100.00%</b>

Confidential Patient Information

### Agegroup by YEAR

<b>AGEX5</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>Total</b>
00-04	15	13	16	13	57
	26.3%	22.8%	28.1%	22.8%	4.9%
05-09	4	3	10	4	21
	19.0%	14.3%	47.6%	19.0%	1.8%
10-14	2	3	4	3	12
	16.7%	25.0%	33.3%	25.0%	1.0%
15-19	8	4	4	4	20
	40.0%	20.0%	20.0%	20.0%	1.7%
20-24	12	16	16	19	63
	19.0%	25.4%	25.4%	30.2%	5.4%
25-29	33	25	25	12	95
	34.7%	26.3%	26.3%	12.6%	8.1%
30-34	37	23	35	30	125
	29.6%	18.4%	28.0%	24.0%	10.7%
35-39	34	38	32	21	125
	27.2%	30.4%	25.6%	16.8%	10.7%
40-44	36	33	30	29	128
	28.1%	25.8%	23.4%	22.7%	11.0%
44-49	31	20	35	17	103
	30.1%	19.4%	34.0%	16.5%	8.8%
50-54	17	19	15	8	59
	28.8%	32.2%	25.4%	13.6%	5.1%
55-59	20	20	17	13	70
	28.6%	28.6%	24.3%	18.6%	6.0%
60-64	18	9	13	14	54
	33.3%	16.7%	24.1%	25.9%	4.6%
65-69	21	15	19	16	71
	29.6%	21.1%	26.8%	22.5%	6.1%
75-79	17	12	11	15	55
	30.9%	21.8%	20.0%	27.3%	4.7%
80-84	11	9	12	13	45
	24.4%	20.0%	26.7%	28.9%	3.9%
85-89	8	6	7	12	33
	24.2%	18.2%	21.2%	36.4%	2.8%
90+	12	8	7	5	32
	37.5%	25.0%	21.9%	15.6%	2.7%
<b>Total</b>	<b>336</b> <b>28.8%</b>	<b>276</b> <b>23.6%</b>	<b>308</b> <b>26.4%</b>	<b>248</b> <b>21.2%</b>	<b>1168</b>

### *Treatment Method*

<b>DOT</b>	<b>YEAR</b>				<b>Total</b>
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	
<b>ALL_DOT</b>	57 16.0% 17.3%	78 21.9% 29.2%	133 37.4% 48.5%	88 24.7% 52.7%	356 34.3%
<b>DOT&amp;SELF</b>	37 28.2% 11.2%	33 25.2% 12.4%	31 23.7% 11.3%	30 22.9% 18.0%	131 12.6%
<b>SELF_ADM</b>	232 42.9% 70.5%	151 27.9% 56.6%	109 20.1% 39.8%	49 9.1% 29.3%	541 52.2%
<b>UNKNOWN</b>	3 33.3% 0.9%	5 55.6% 1.9%	1 11.1% 0.4%	0 0.0% 0.0%	9 0.9%
<b>Total</b>	<b>329</b> <b>31.7%</b>	<b>267</b> <b>25.7%</b>	<b>274</b> <b>26.4%</b>	<b>167</b> <b>16.1%</b>	<b>1037</b>

### *Case Verification Criteria*

<b>Verification</b>	<b>YEAR</b>				<b>Total</b>
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	
<b>CLINICAL CASE</b>	27 20.3% 8.0%	29 21.8% 10.5%	43 32.3% 14.0%	34 25.6% 13.7%	133 11.4%
<b>POS CULTURE</b>	273 31.9% 81.3%	191 22.3% 69.2%	215 25.1% 69.8%	178 20.8% 71.8%	857 73.4%
<b>POS SMEAR/TISSUE</b>	1 4.5% 0.3%	11 50.0% 4.0%	6 27.3% 1.9%	4 18.2% 1.6%	22 1.9%
<b>PROVIDER DIA6NOSIS</b>	35 22.4% 10.4%	45 28.8% 16.3%	44 28.2% 14.3%	32 20.5% 12.9%	156 13.4%
<b>Total</b>	<b>336</b> <b>28.8%</b>	<b>276</b> <b>23.6%</b>	<b>308</b> <b>26.4%</b>	<b>248</b> <b>21.2%</b>	<b>1168</b>

*Country of Origin*

FOREIGN_SEA	YEAR				Total
	1993	1994	1995	1996	
<b>CAMBODIA</b>	6	1	11	4	22
	27.3%	4.5%	50.0%	18.2%	1.9%
	1.8%	0.4%	3.6%	1.6%	
<b>CHINA</b>	2	3	3	3	11
	18.2%	27.3%	27.3%	27.3%	0.9%
	0.6%	1.1%	1.0%	1.2%	
<b>OTHER COUNTRIES</b>	31	40	28	39	138
	22.5%	29.0%	20.3%	28.3%	11.8%
	9.2%	14.5%	9.1%	15.7%	
<b>U.S. BORN</b>	287	228	254	190	959
	29.9%	23.8%	26.5%	19.8%	82.1%
	85.4%	82.6%	82.5%	76.6%	
<b>VIETNAM</b>	10	4	12	12	38
	26.3%	10.5%	31.6%	31.6%	3.3%
	3.0%	1.4%	3.9%	4.8%	
<b>Total</b>	<b>336</b>	<b>276</b>	<b>308</b>	<b>248</b>	<b>1168</b>
	<b>28.8%</b>	<b>23.6%</b>	<b>26.4%</b>	<b>21.2%</b>	

*Treatment Outcome*

RXOUTCOME	YEAR				Total
	1993	1994	1995	1996	
<b>COMPLETE</b>	220	186	227	135	768
	28.6%	24.2%	29.6%	17.6%	75.5%
	68.5%	72.4%	83.5%	80.8%	
<b>DIED</b>	62	47	29	27	165
	37.6%	28.5%	17.6%	16.4%	16.2%
	19.3%	18.3%	10.7%	16.2%	
<b>LOST</b>	28	23	12	2	65
	43.1%	35.4%	18.5%	3.1%	6.4%
	8.7%	8.9%	4.4%	1.2%	
<b>MOVED</b>	5	1	4	1	11
	45.5%	9.1%	36.4%	9.1%	1.1%
	1.6%	0.4%	1.5%	0.6%	
<b>OTHER</b>	0	0	0	2	2
	0.0%	0.0%	0.0%	100.0%	0.2%
	0.0%	0.0%	0.0%	1.2%	
<b>REFUSED</b>	6	0	0	0	6
	100.0%	0.0%	0.0%	0.0%	0.6%
	1.9%	0.0%	0.0%	0.0%	
<b>Total</b>	<b>321</b>	<b>257</b>	<b>272</b>	<b>167</b>	<b>1017</b>
	<b>31.6%</b>	<b>25.3%</b>	<b>26.7%</b>	<b>16.4%</b>	

## SURVS-TB CASE FOLLOW UP REPORT

|For the Month-Year Counted Beginning 01/1996 and Ending 12/1996

Reporting Area: Pennsylvania

Site ID: 01

**WAS DRUG SUSCEPTIBILITY TESTING DONE**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
No	1	0.61%
Yes	164	99.39%
Unknown	0	0.00%
<b>Total</b>	<b>165</b>	<b>100.00%</b>

**SPUTUM CULTURE CONVERSION DOCUMENTED**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
No	8	5.16%
Yes	52	33.55%
Unknown	0	0.00%
Missing	95	61.29%
<b>Total</b>	<b>155</b>	<b>100.00%</b>

**REASON THERAPY STOPPED**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
Completed Therapy	117	75.48%
Moved	1	0.65%
Lost	2	1.29%
Uncooperative or Refused	0	0.00%
Not TB	0	0.00%
Died	27	17.42%
Other	2	1.29%
Unknown	0	0.00%
Missing	6	3.87%
<b>Total</b>	<b>155</b>	<b>100.00%</b>

NOTE - There are 165 Initial Drug Susceptibility Reports and 155 Case Completion Reports included in this subset criteria.

**TYPE OF HEALTH CARE PROVIDER**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
Health Department	13	8.39%
Private/Other	118	76.12%
Both Health Department and Private/O	19	12.26%
Missing	5	3.23%
<b>Total</b>	<b>155</b>	<b>100.00%</b>

**DIRECTLY OBSERVED THERAPY**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
No, Totally Self-Administered	45	29.03%
Yes, Totally Directly Observed	75	48.39%
Yes, Both Directly Observed and Self	29	18.71%
Unknown	0	0.00%
Missing	6	3.87%
<b>Total</b>	<b>155</b>	<b>100.00%</b>

**WAS FOLLOW-UP DRUG SUSCEPTIBILITY TESTING DONE**

<b>Classification</b>	<b>Number of Records</b>	<b>Percent</b>
No	138	89.03%
Yes	9	5.81%
Unknown	0	0.00%
Missing	8	5.16%
<b>Total</b>	<b>155</b>	<b>100.00%</b>

NOTE - There are 165 Initial Drug Susceptibility Reports and 155 Case Completion Reports included in this subset criteria.

## TB Control/ODAAT Housing Facility

6/20/97

Total application received to date:	46
Total applications received in 1996:	16
Total applications received in contract period:	15
Number of patients completing treatment in facility to date:	13
Number completing in 1996:	9
Number completing in contract period:	6
Number of drug resistance cases presently in the facility:	4
Number of drug resistant cases completing treatment in ODAAT to date:	3
Number of patients presently in the facility:	6

It should be noted that a number of patients who were able to successfully complete treatment at ODAAT had been chronically noncompliant prior to their entrance into this program.

Currently, the program has a 72% completion of therapy rate for confirmed TB cases admitted to the facility. When looking at this, it should be noted that:

- 1) 72% completion rate is better than the Program's overall completion rate.
- 2) The ODAAT facility deals with one of the most difficult populations in TB Control.
- 3) All the patients receive their treatment by DOT and therefore we are assured that these patients will complete therapy using the shortest, most effective method possible.
- 4) Receiving treatment by DOT nearly eliminates the possibility of the development of further drug resistance.

# TUBERCULOSIS MANAGEMENT REPORT CASE REGISTER

## Part I. Identification

Area : philadelphia

Time period: from 01/01/96 through 12/31/96

## Part II. Case Register Dynamics

A. PATIENTS UNDER SUPERVISION AT START OF PERIOD	280
B. PATIENTS ADDED DURING PERIOD	268
1. New Cases (reportable)	254*
2. Transfer Case (Not Reportable)	14
C. PATIENTS CLOSED TO SUPERVISION DURING PERIOD	311
1. Supervision Complete	241
2. Moved Out of Jurisdiction	5
3. Lost	27
4. Died	38
D. PATIENTS UNDER SUPERVISION AT END OF PERIOD	237

\* 250 cases officially reported and counted in 1996 4 cases reported in 1996 but not counted