

TUBERCULOSIS CONTROL PROGRAM

TUBERCULOSIS MORBIDITY ANNUAL STATISTICAL REPORT 2016



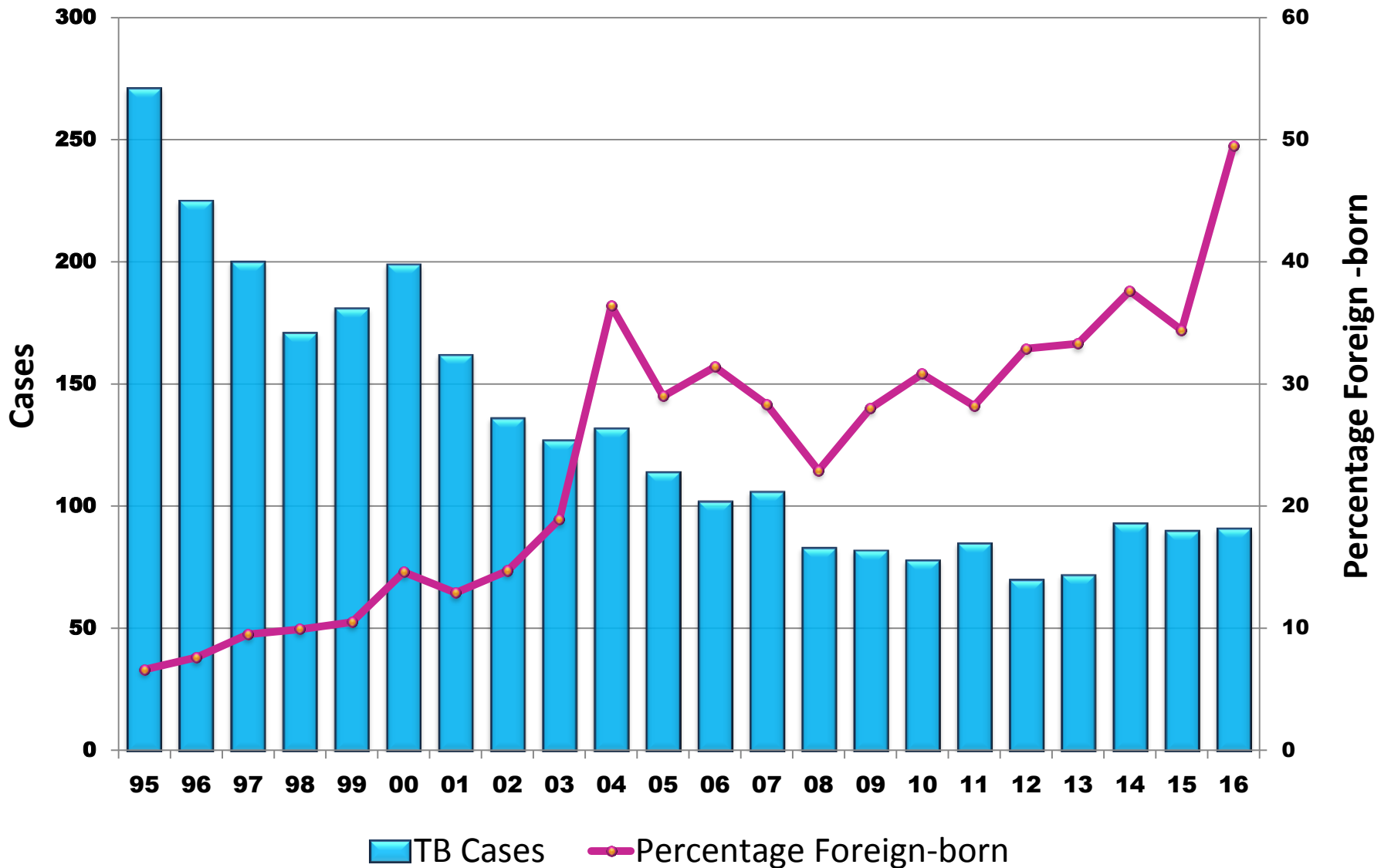
Tuberculosis Control Program Central Office Personnel

- ❖ Dr. Naveen Patil, State TB Control Officer
- ❖ Dr. Leonard Mukasa, Chief Epidemiology Officer
- ❖ Marsha Majors, RN BSN, Nurse Consultant
- ❖ Aurelisa Burnett, Administrative Specialist
- ❖ Michelle Herndon, Administrative Analyst
- ❖ Courtney Radcliff, MPH, TB Program Manager

Contact: Leonard Mukasa, Leonard.Mukasa@arkansas.gov

Phone: 501-280-4106

Figure 1: Trends in TB Cases, Arkansas, 1995-2016



**Figure 2: TB Among Marshallese in Arkansas, 1997–2016
(N = 161)**

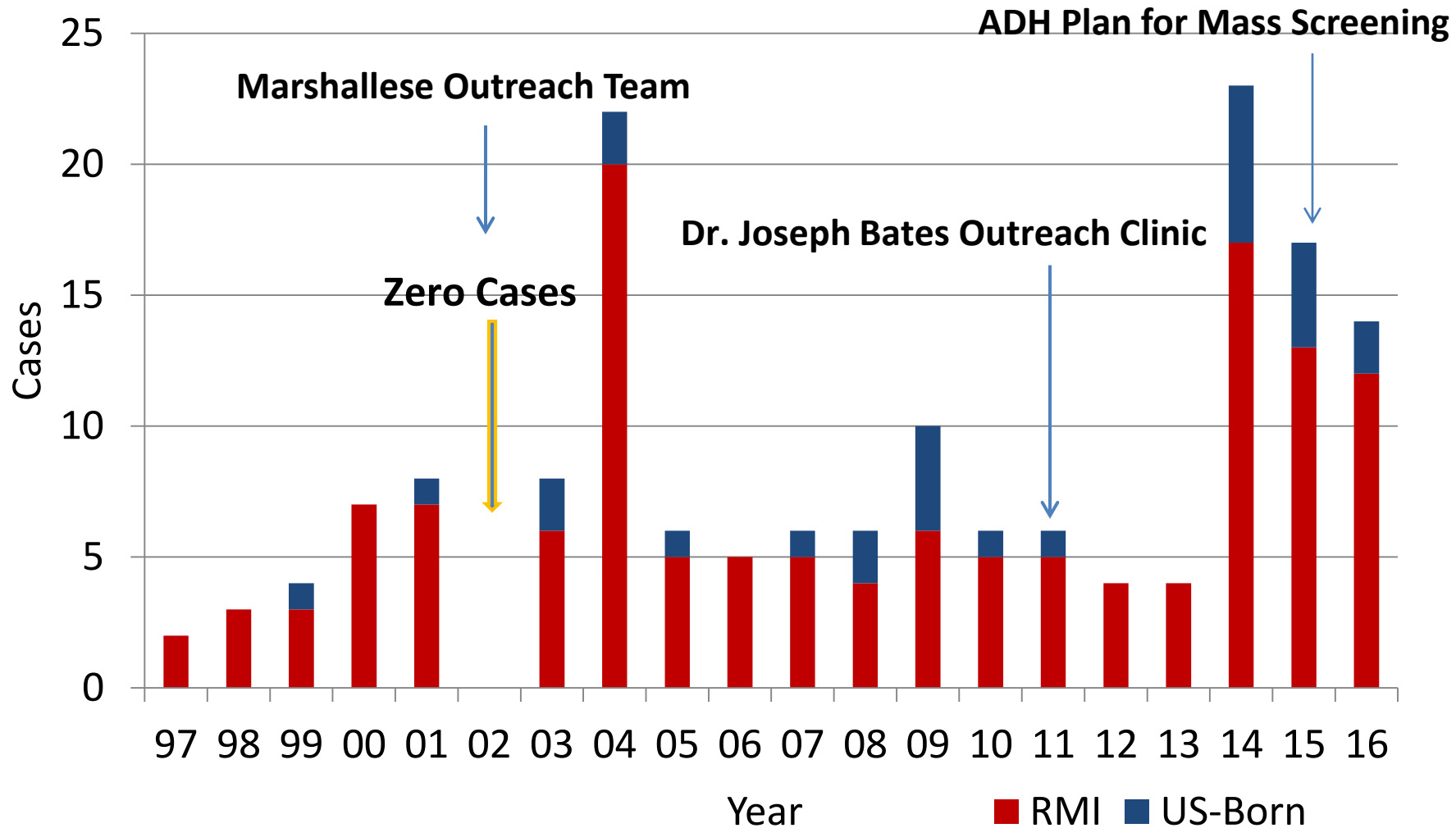
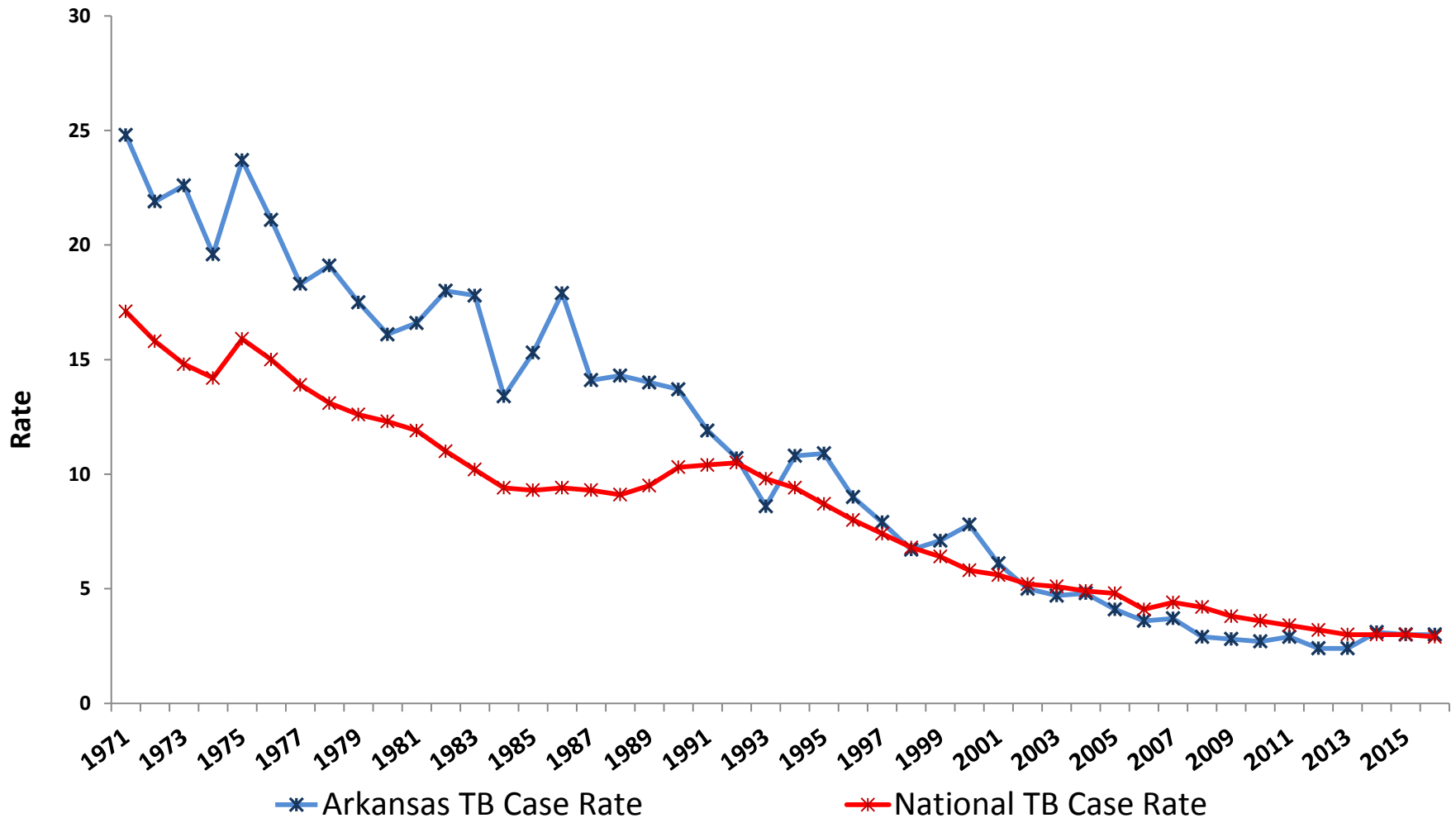


Figure 3: Arkansas and United States TB Case Rates, 1971-2016



* TB cases per 100,000 population

Figure 4: Country of Birth, Foreign Born TB Cases, 2016
(N = 44)

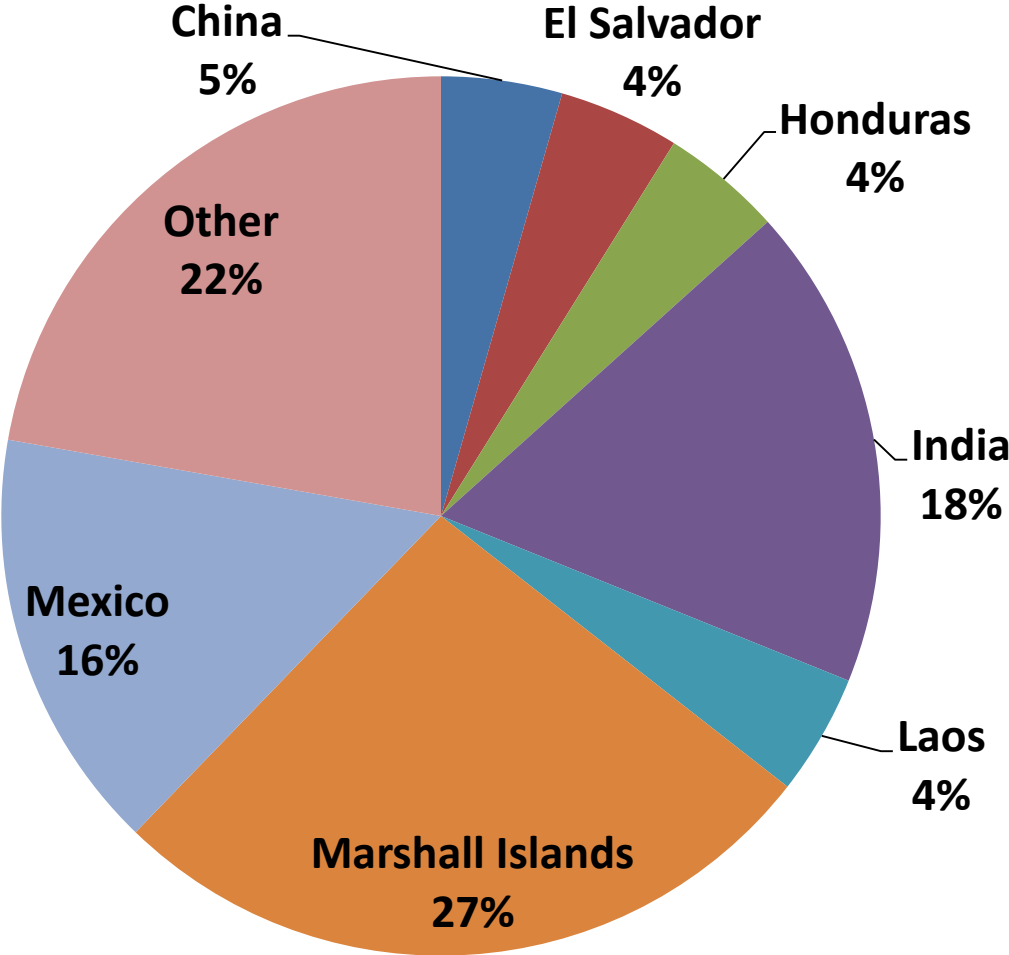


Figure 5: TB Cases and Case Rates, Arkansas, 1969-2016

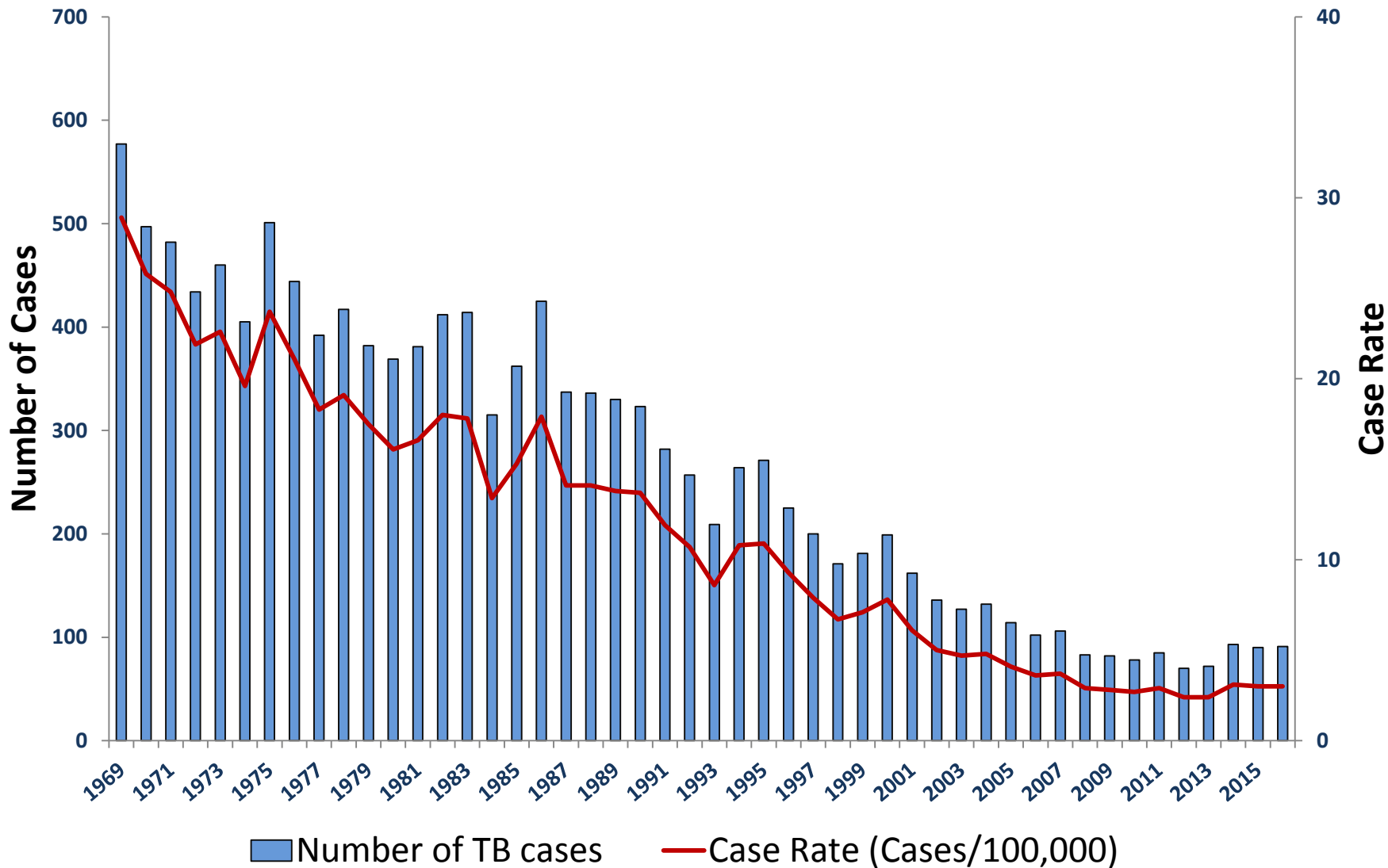


Figure 6: TB Cases in Prisons, Arkansas, 1989 - 2016

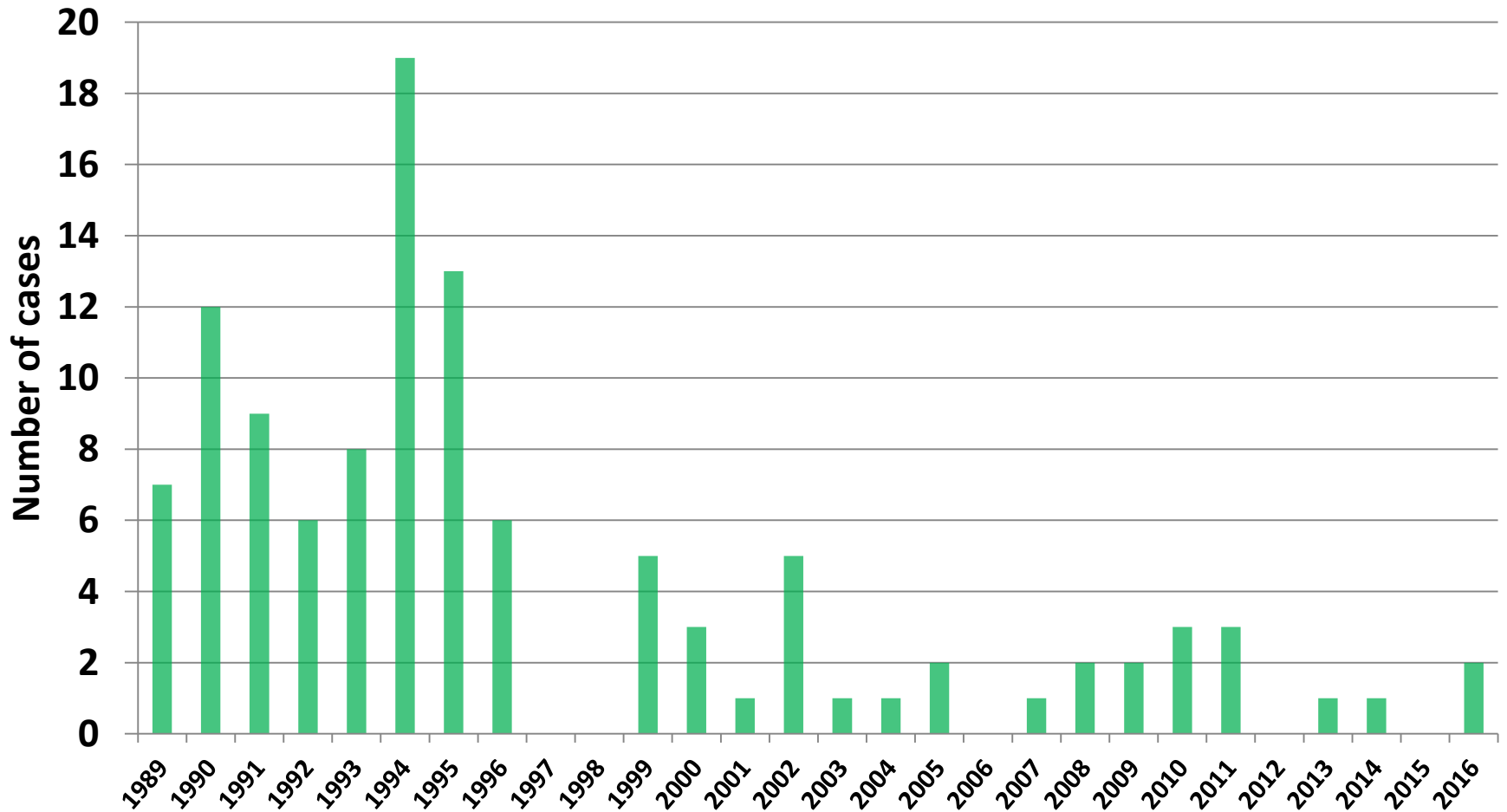
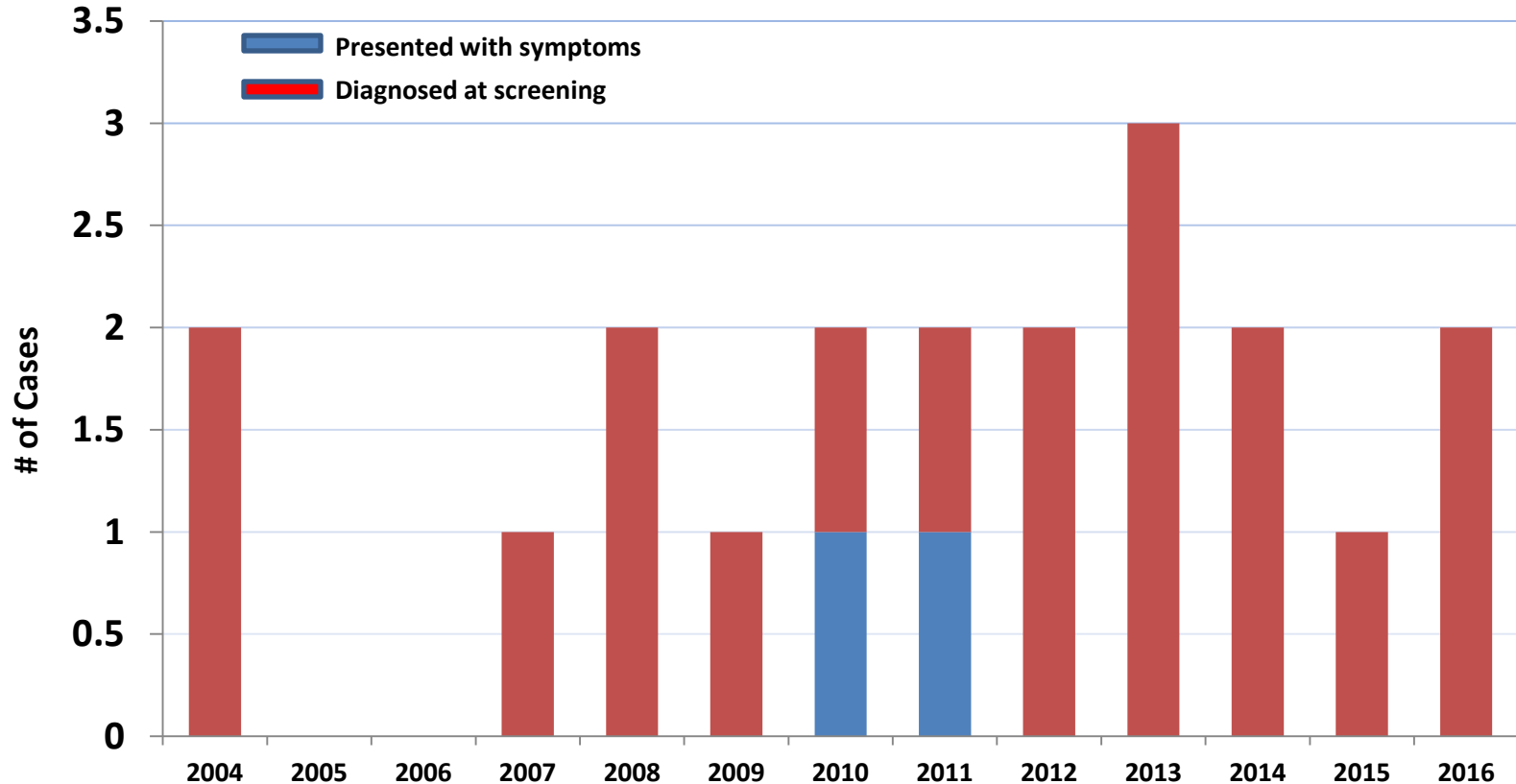


Figure 7: TB Among International Students, Arkansas 2004-2016
(n = 18)
(33 Institutions; ~2600 Students a year)



↑
Screening Regulation Implemented December 2003

Figure 8: Age Distribution, Arkansas TB Cases, 2016

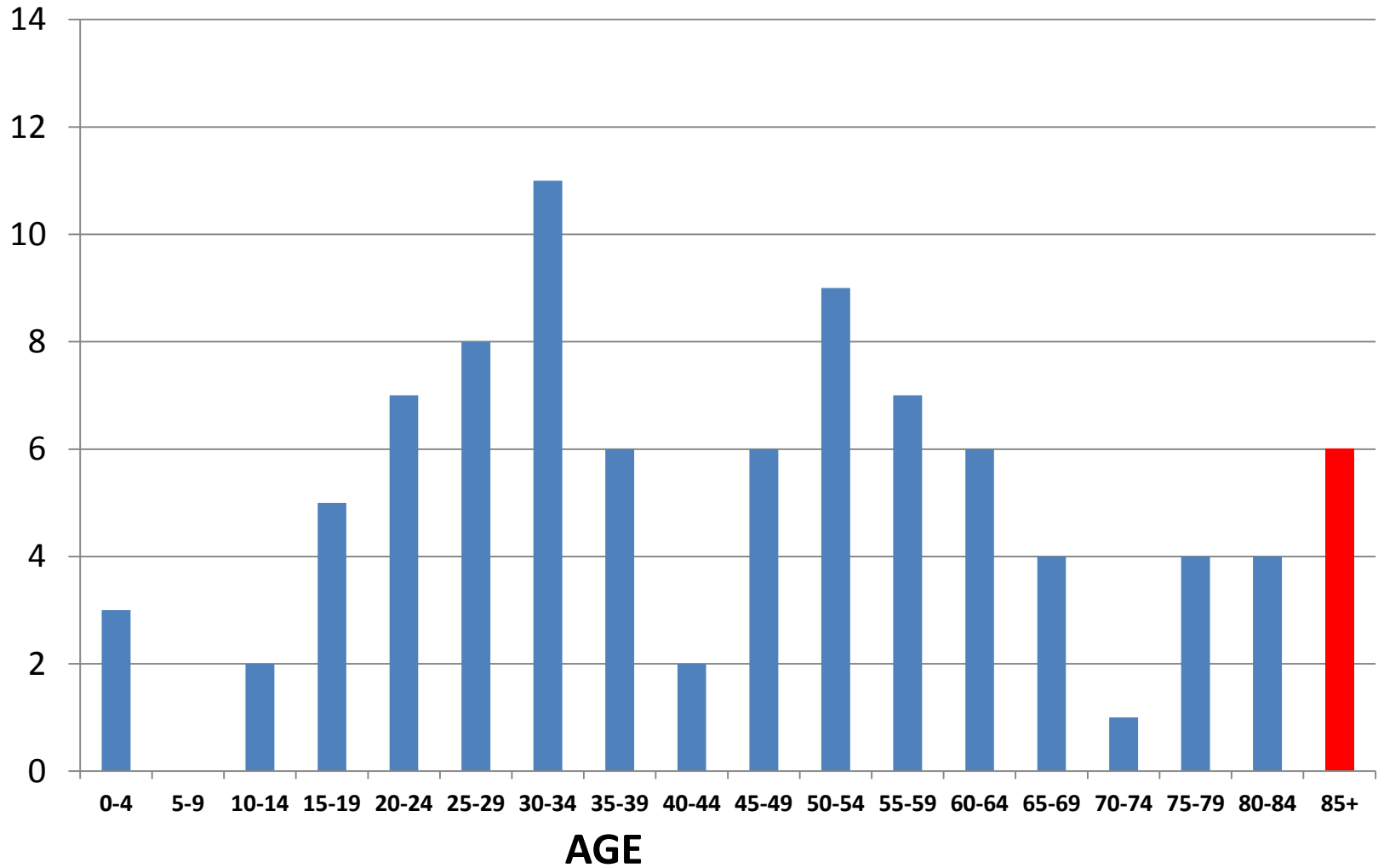


Figure 9: TB Cases by Race and Ethnicity, 2016

(N = 91)

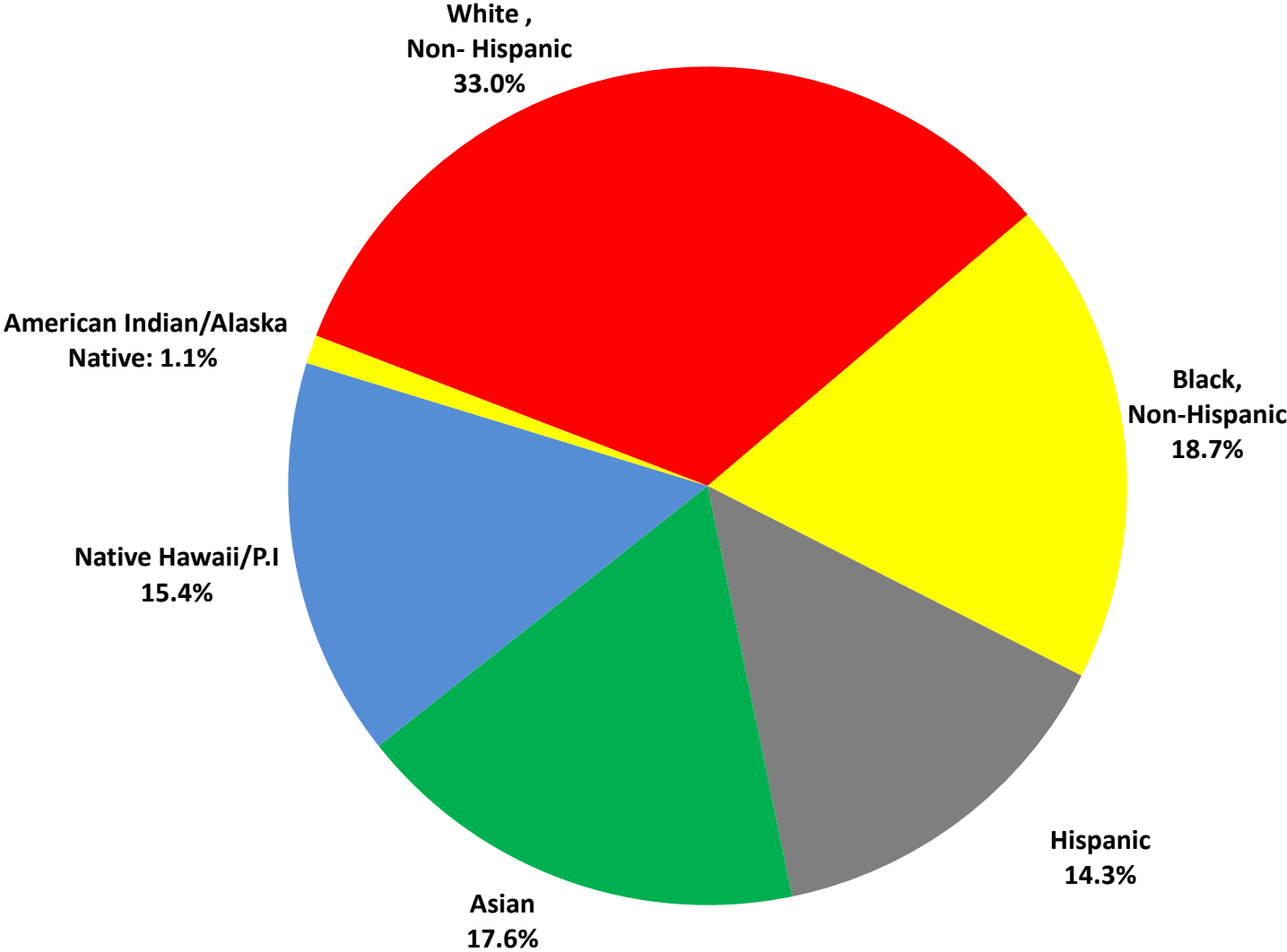
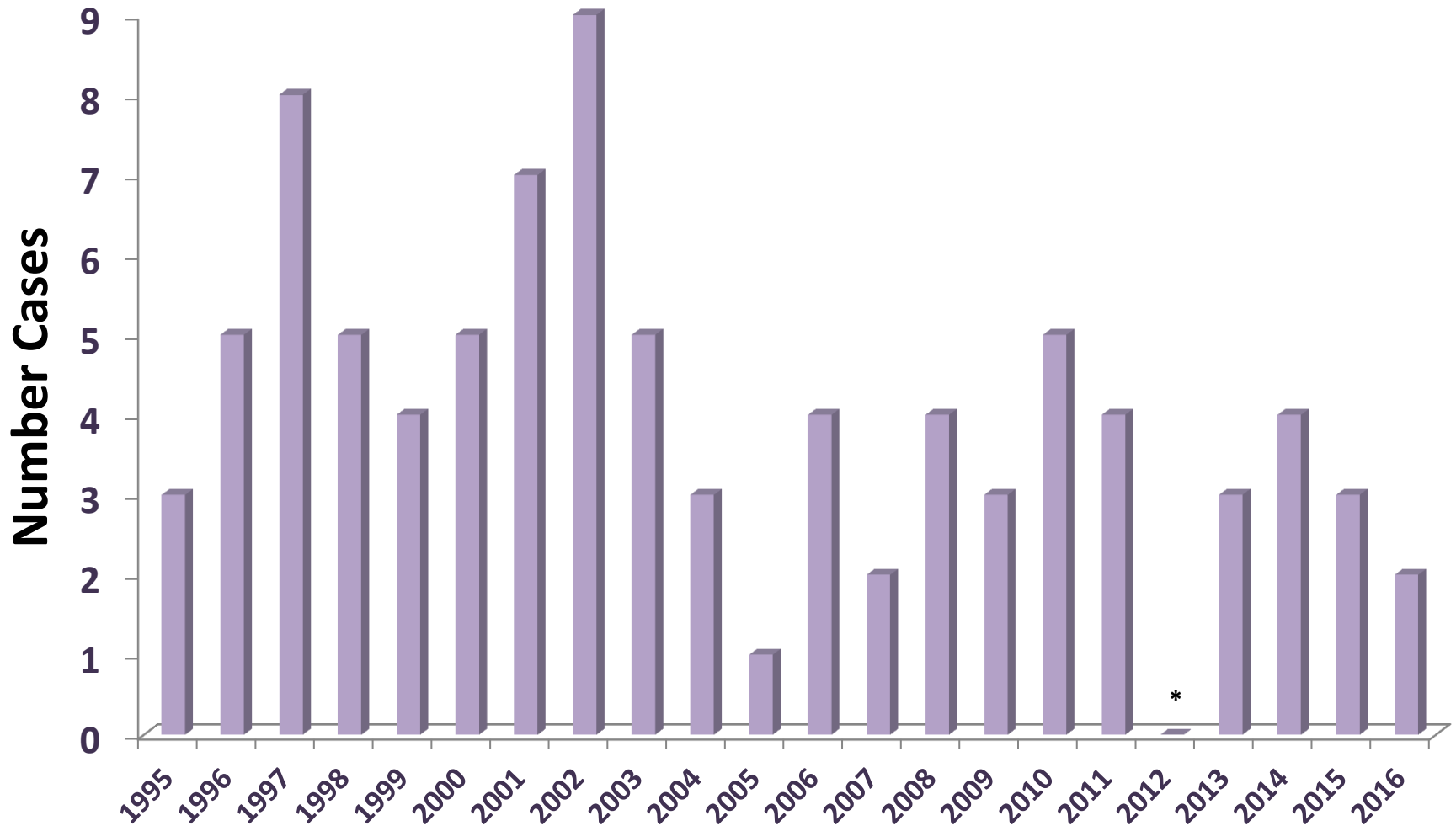


Figure 10: TB – HIV Co-Infection Cases, Arkansas, 1995-2016



* TB-HIV Cases =0

Figure 11: TB Cases, by Gender, Arkansas, 2005-2016

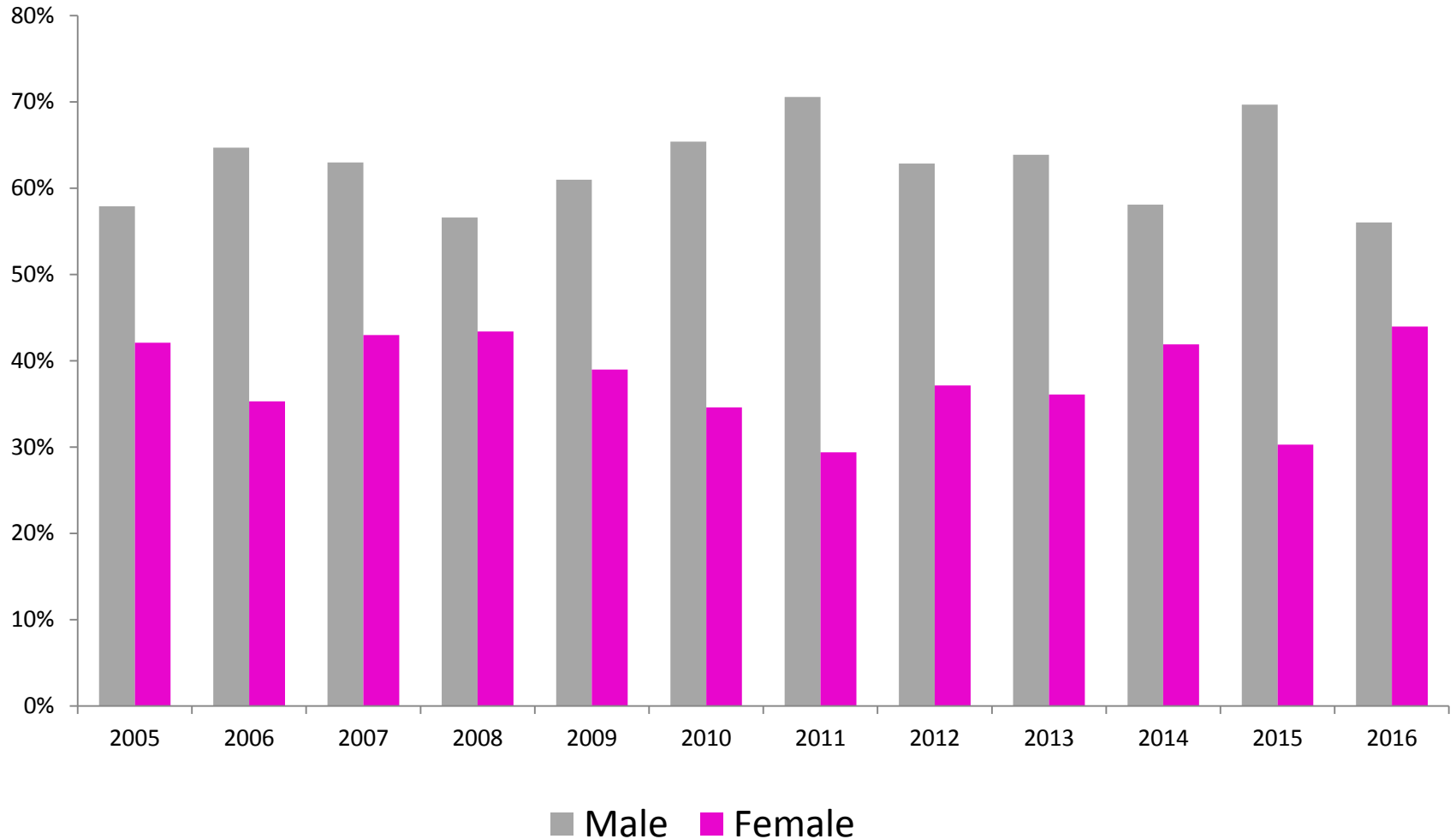


Figure 12: TB cases in Northwest Region, by Country of Birth, Arkansas, 2002-2016

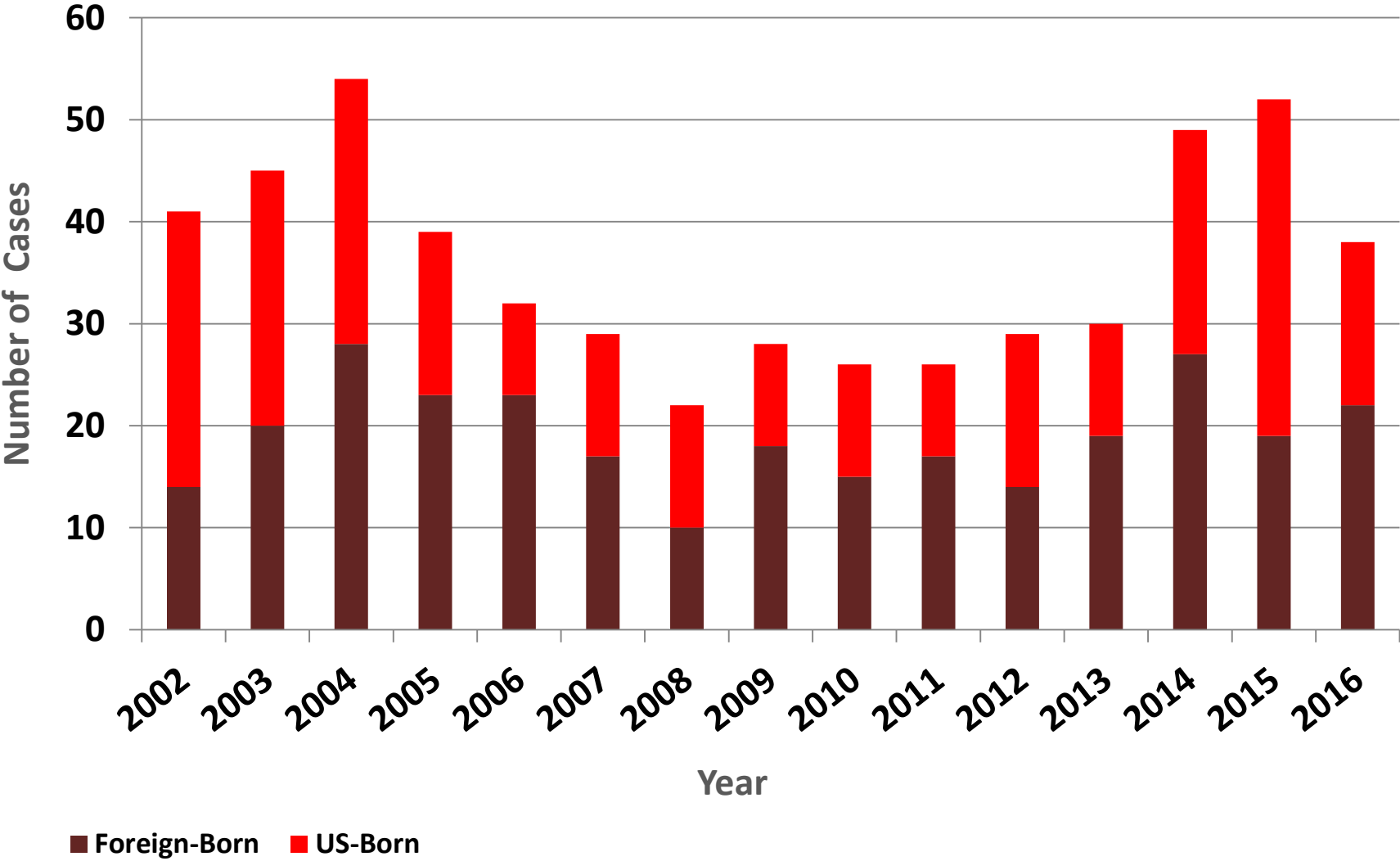


Figure 13: TB cases in Northeast Region, by Country of Birth, Arkansas, 2002-2016

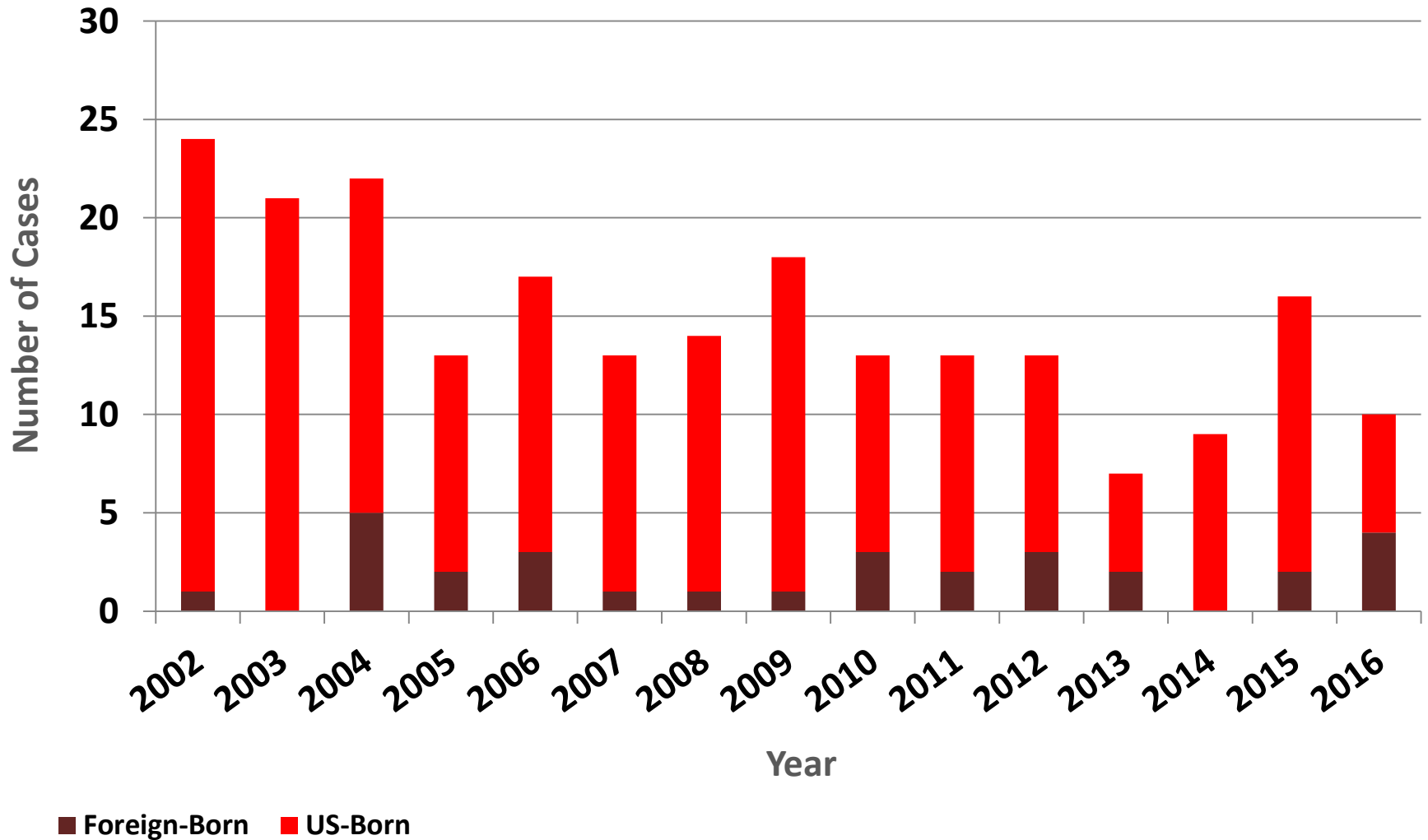


Figure 14: TB Cases in Central Region, by Country of Birth, Arkansas, 2002 - 2016

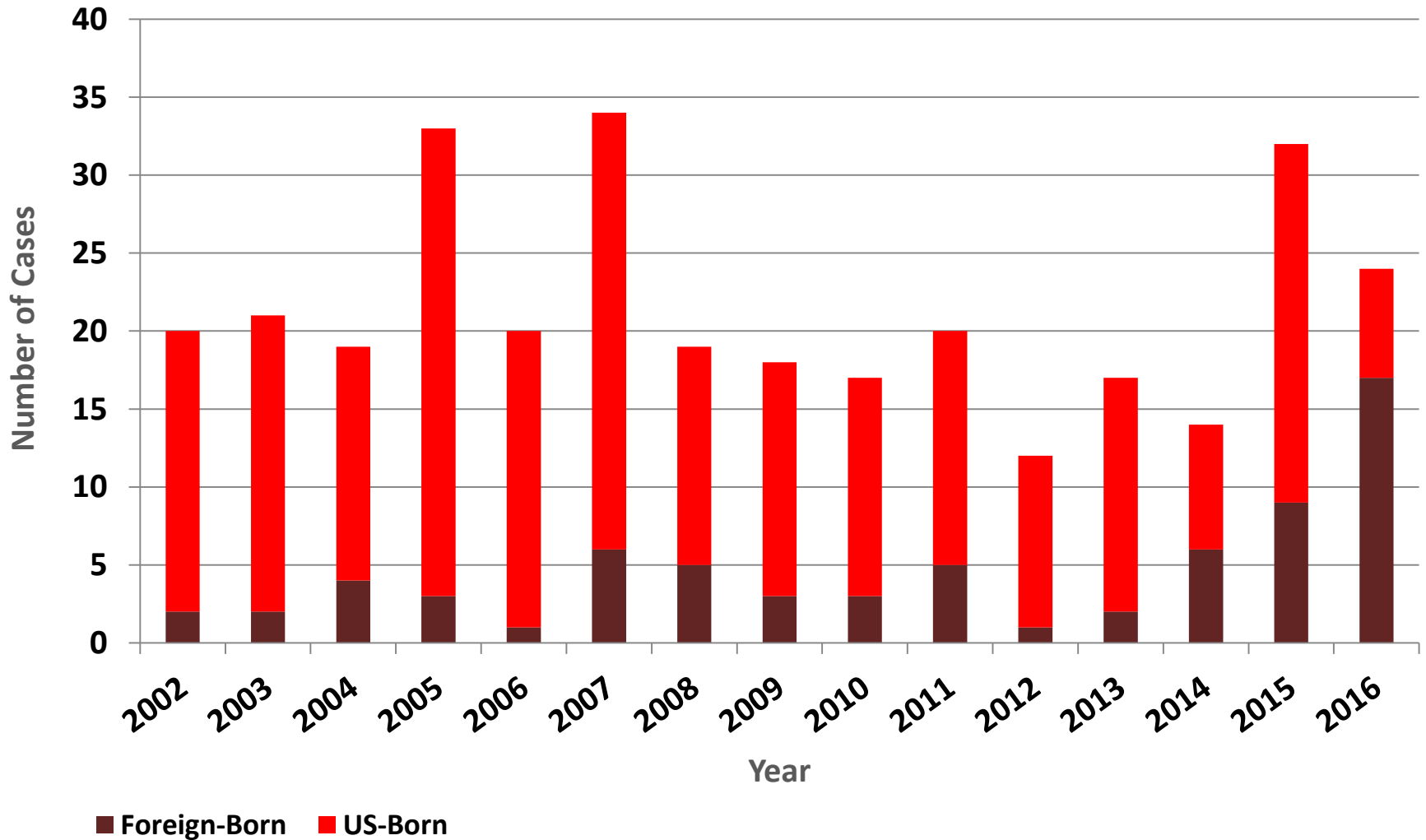


Figure 15: TB Cases in Southeast Region, by Country of Birth, Arkansas, 2002-2016

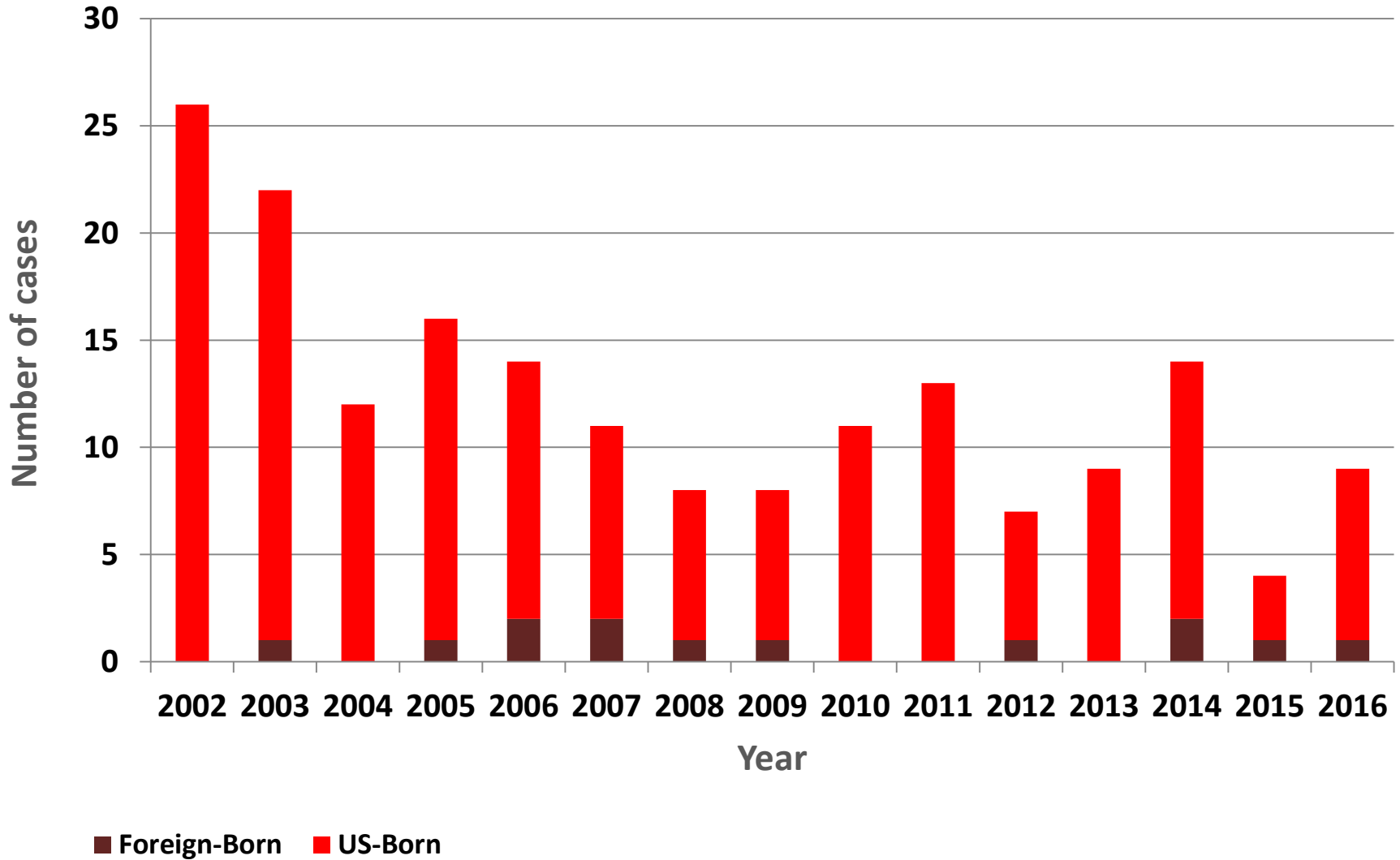


Figure 16: TB cases in Southwest Region, by Country of Birth, Arkansas, 2002-2016

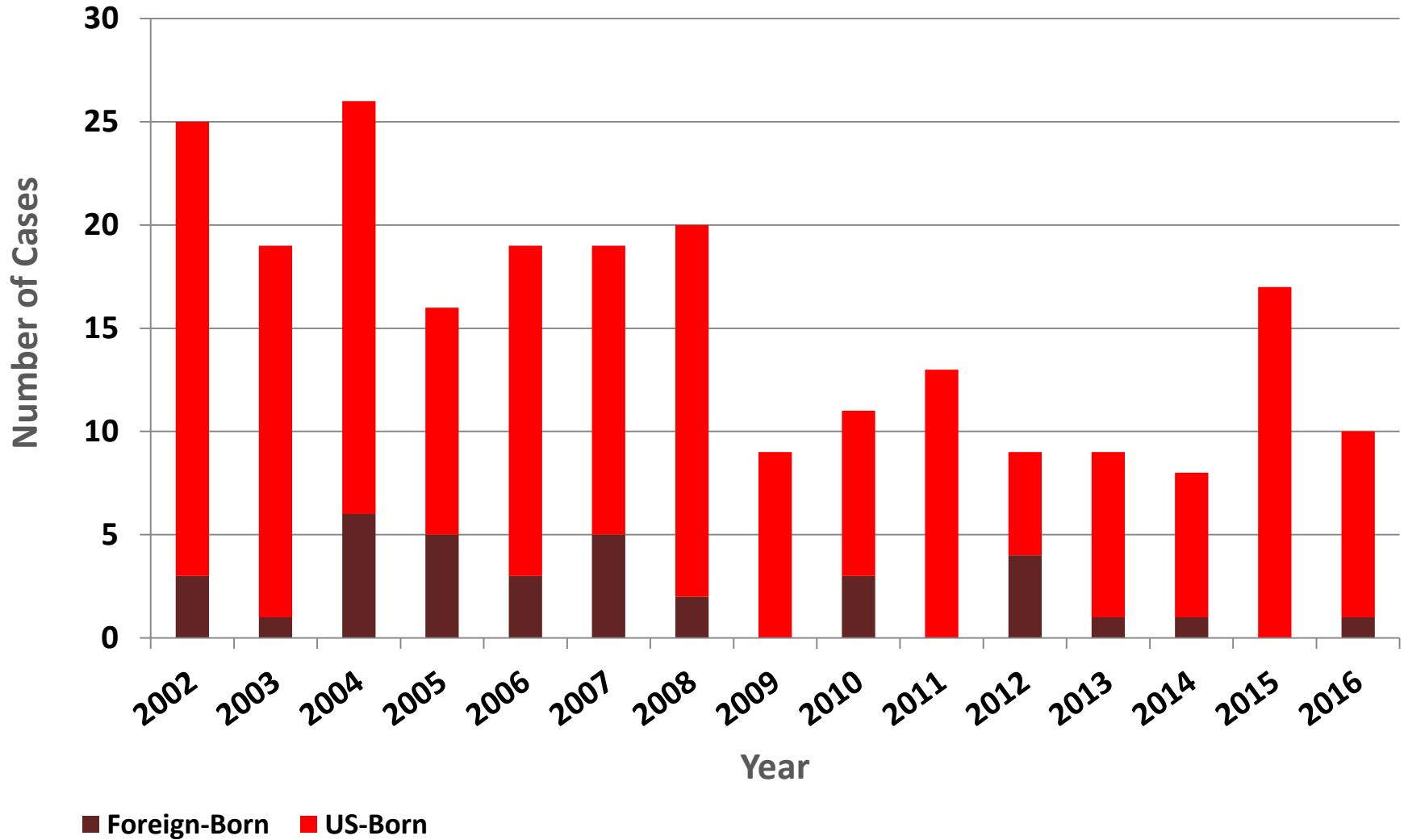


Figure 17: TB Cases Among Hispanics, by Country of Birth, Arkansas, 1996-2016

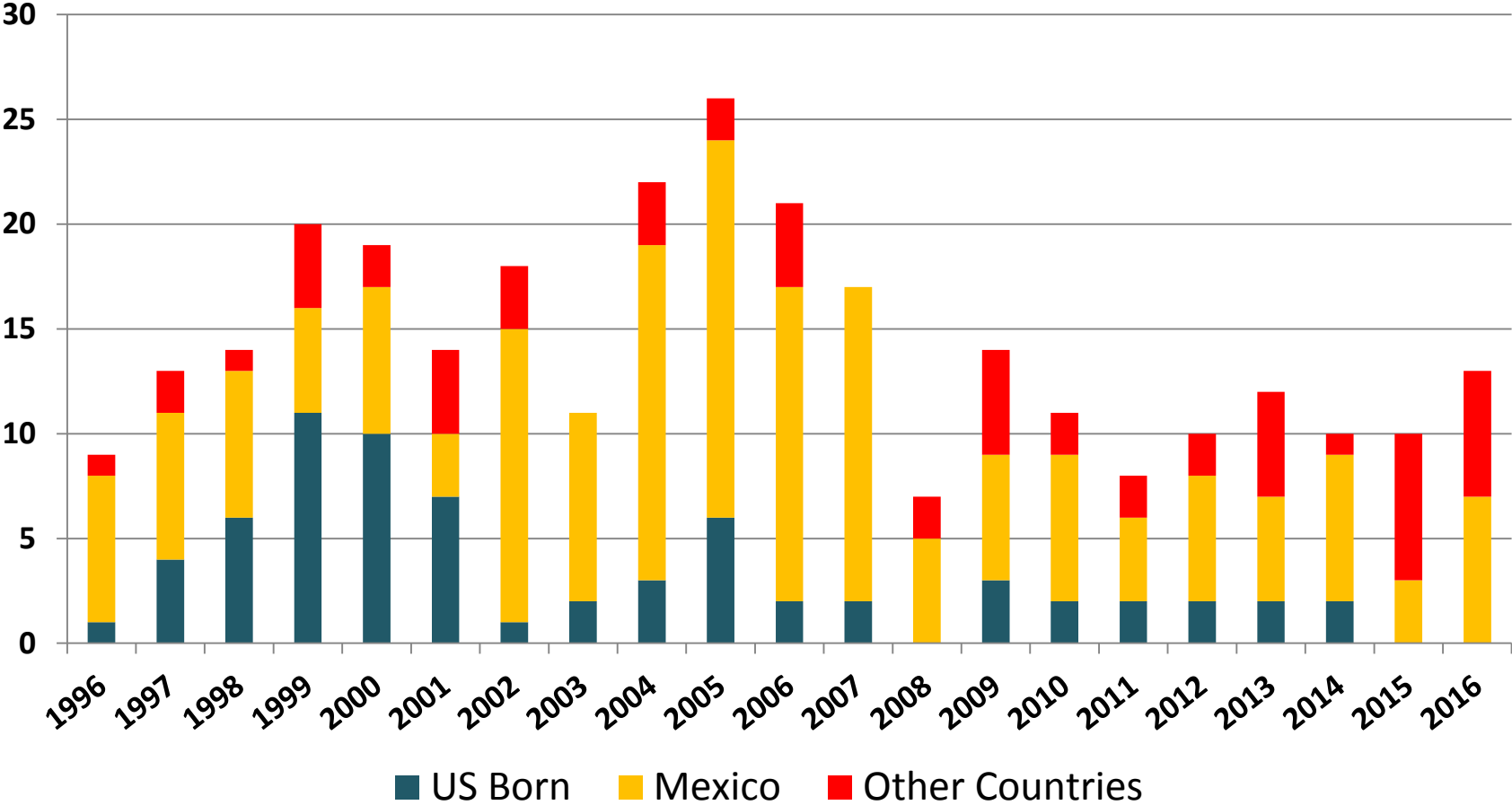


Figure 18: TB Cases, Age 80 Years and Over, Arkansas, 1995-2016

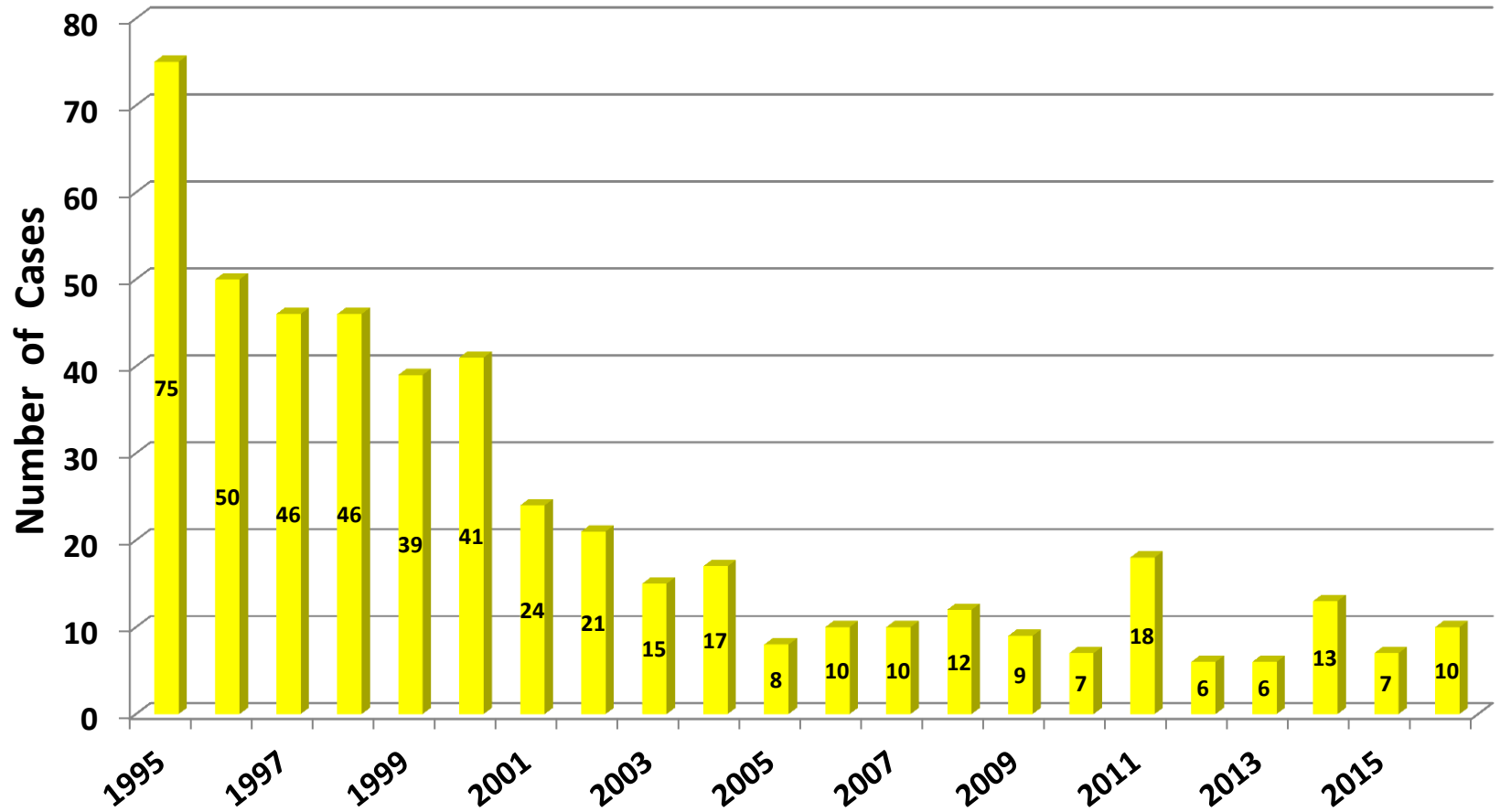


Figure 19: TB Cases in Homeless, Arkansas, 1998-2016

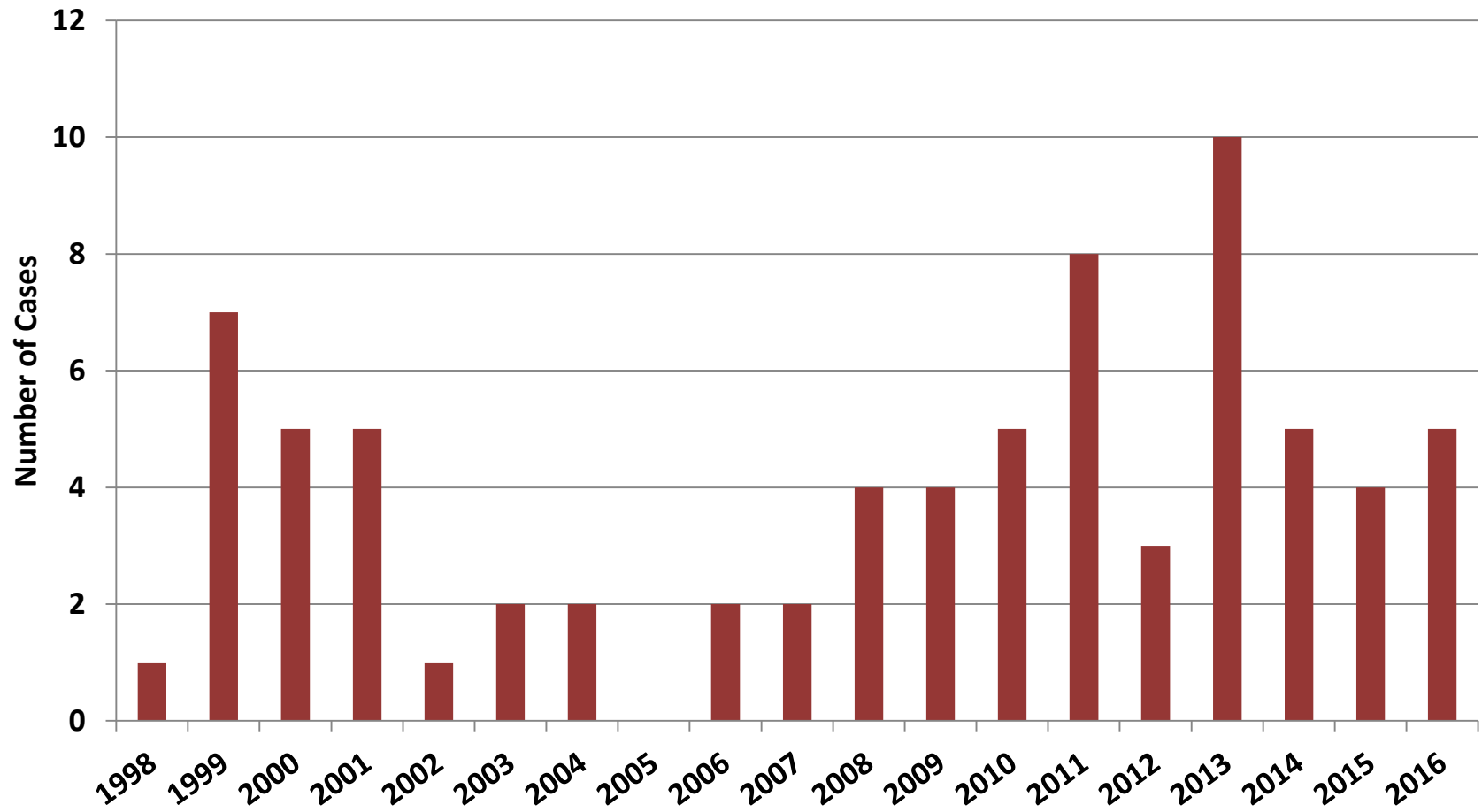


Figure 20: TB in Children, Arkansas, 2006-2016

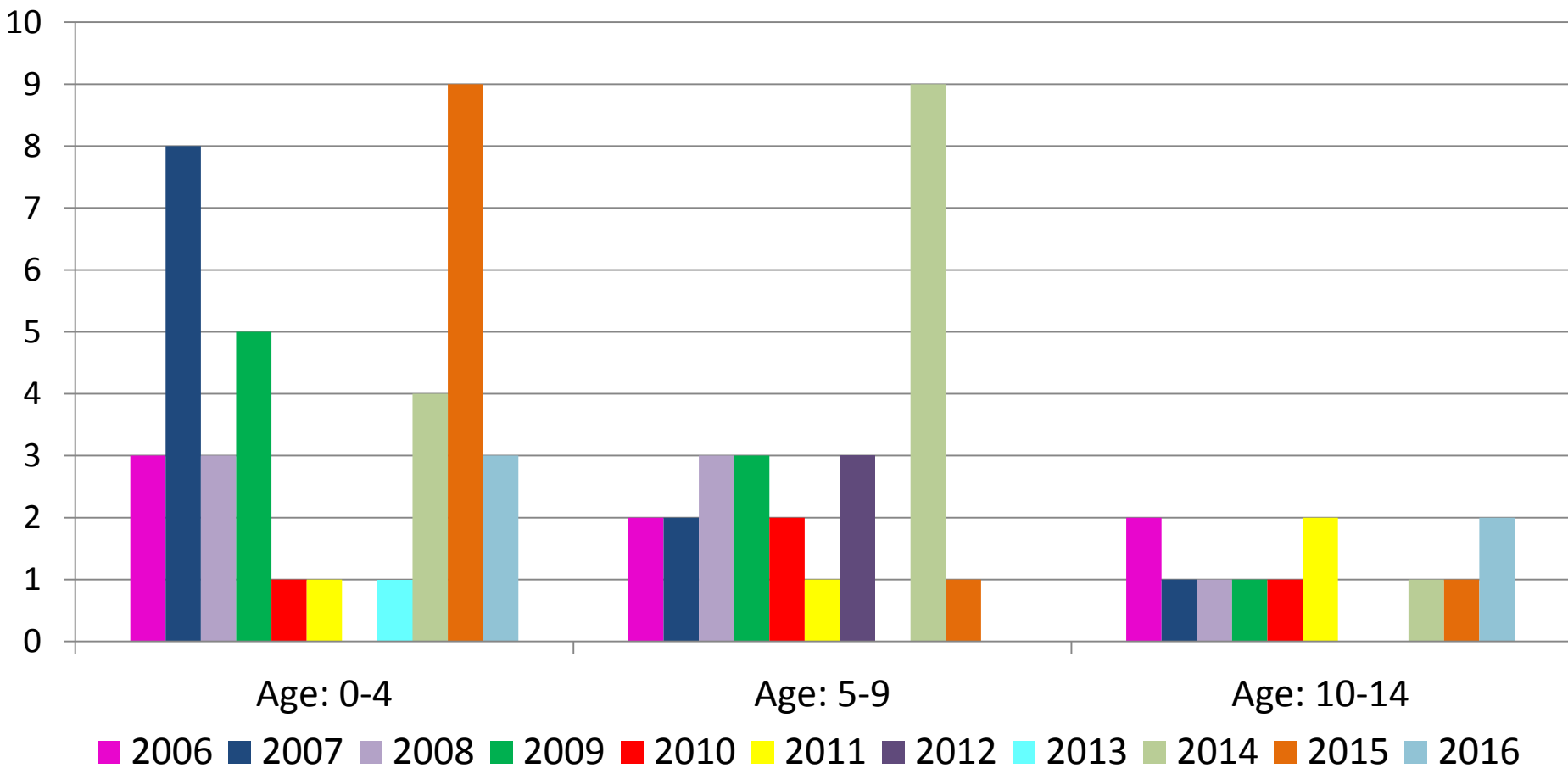


Table 1a: TB Cases, Arkansas, 2015 and 2016

2015 Cases				2016 Cases			
Region	Total	Culture	Clinical	Region	Total	Culture	Clinical
NW	33	20	13	NW	38	26	12
NE	14	11	3	NE	10	9	1
Central	23	18	5	Central	24	19	5
SE	3	2	1	SE	9	8	1
SW	17	13	4	SW	10	8	2
Total	90	64 (71.1%)	26 (28.9%)	Total	91	70 (76.9%)	21 (23.1%)

**Table 1b:
TB Cases,
Arkansas,
2015 and
2016**

Characteristics	2015	2016
Gender:		
Male	63	51
Female	27	40
Race/Ethnicity:		
White, Non-Hispanic	26	30
Black, Non-Hispanic	29	17
Hispanic	10	13
Asian	8	16
Native Hawaii/PI	17	14
America Indian/Alaskan	0	1
Age Group (years):		
0-4	9	3
5-15	2	2
16-64	60	67
65+	19	19
County of Origin:		
U.S	59	46
Foreign-born	31	45

Table 1c: TB Cases, Arkansas, 2015 and 2016

Characteristics	2015	2016
Any Resistance Primary Drugs (% culture positive):	2 (3.1%)	3(4.7%)
Drugs:		
Isoniazid	1	2
Rifampin	0	0
Ethambutol	0	0
Pyrazinamide	1	1
Streptomycin*	2	2
MDR-TB:	0	0
HIV Positive:	3	2
Nursing Home:	1	2
Homeless	4	5
Prison	0	2

* Streptomycin excluded from primary drugs.

Table 2: TB Case Rates*, by Region, Arkansas, 2011-2016

Region	2011	2012	2013	2014	2015	2016
Northwest	2.7	3.6	3.0	4.8	3.2	3.7
Northeast	2.4	2.5	1.3	1.6	2.5	1.8
Central	2.5	1.7	2.1	1.7	2.7	2.9
Southeast	4.8	2.3	3.4	3.1	1.3	3.6
Southwest	3.9	2.7	2.8	4.3	5.3	3.1
State	2.9	2.4	2.4	3.1	3.0	3.0

* Cases /100,000 population

Table 3: TB Drug Resistance, Arkansas, 1998-2016

Year	INH	RIF	EMB	SM	PZA	MDR-TB
1998	3	0	1	1	--	0
1999	7	1	0	2	--	0
2000	2	0	0	1	--	0
2001	4	0	0	2	--	0
2002	2	1	0	4	--	1
2003	1	0	0	0	1	0
2004	2	0	0	1	1	0
2005	3	0	0	4	1	0
2006	0	0	0	0	0	0
2007	6	3	1	1	5	3
2008	3	0	0	4	0	0
2009	2	1	0	2	2	1
2010	1	0	0	1	1	0
2011	4	2	1	2	2	1
2012	6	0	0	3	1	0
2013	1	0	0	0	4	0
2014	2	0	0	1	3	0
2015	1	0	0	2	1	0
2016	2	0	0	2	1	0
TOTAL	52	8	3	33	23	6

**Table 4: TB Cases By County, Central and Northeast Regions,
Arkansas, 1999-2016**

Central Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
FAULKNER	4	3	2	0	0	3	2	0	1	0	1	2	1	4	2	0	1	1
GARLAND	4	3	6	2	4	3	8	9	1	3	3	1	1	1	0	2	2	1
GRANT	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2
LONOKE	4	0	4	1	1	0	2	3	1	2	1	2	0	1	1	0	0	0
PERRY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
PULASKI	14	16	16	15	13	10	16	8	27	13	14	12	15	6	14	10	17	18
SALINE	2	2	2	1	3	2	1	0	2	1	0	0	2	0	0	2	2	2
Central Region Totals	29	26	30	20	21	18	29	20	32	19	20	17	19	12	17	14	23	24

Northeast Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CLAY	0	1	3	0	1	2	0	0	0	0	0	0	1	0	1	1	2	0
CLEBURNE	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0
CRAIGHEAD	3	3	1	1	2	2	3	4	4	5	3	2	2	4	2	3	4	6
CRITTENDEN	1	5	11	8	6	4	2	5	6	1	5	4	1	1	0	1	3	0
CROSS	1	1	1	1	0	1	1	2	1	0	0	0	2	0	0	0	0	0
FULTON	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
GREENE	5	3	2	3	2	2	1	1	0	1	0	1	0	2	0	1	0	1
INDEPENDENCE	4	2	2	3	2	3	1	2	1	1	1	2	3	3	1	0	0	0
IZARD	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
JACKSON	4	0	0	1	1	0	2	2	0	0	1	1	0	0	0	1	0	0
LAWRENCE	3	3	0	1	0	0	0	0	0	1	1	1	0	0	0	1	0	1
MISSISSIPPI	10	6	4	2	2	3	0	1	1	1	3	0	2	0	1	1	4	0
POINSETT	1	1	2	0	2	0	3	1	1	1	1	0	0	0	1	0	0	0
RANDOLPH	4	1	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
SHARP	3	0	0	0	2	0	0	0	0	0	0	0	1	1	0	0	0	0
STONE	1	3	2	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0
WHITE	4	4	1	2	0	3	0	0	0	1	1	1	1	1	1	0	0	2
WOODRUFF	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Northeast Region Totals	46	35	35	24	21	22	16	18	15	15	17	13	13	13	7	9	14	10

State Total	181	199	162	136	127	132	114	102	106	83	82	78	85	70	72	93	90	91
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**Table 5: TB Cases By County, Northwest Region,
Arkansas, 1999-2016**

Northwest Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
BAXTER	0	1	1	0	1	0	1	1	0	0	1	2	0	0	0	1	1	1
BENTON	7	9	8	2	3	8	0	7	6	1	7	2	4	14	6	7	2	4
BOONE	0	2	1	1	4	0	0	0	1	0	2	3	0	0	0	0	1	1
CARROLL	1	4	2	3	1	2	1	2	1	0	0	0	2	1	0	3	0	0
CONWAY	0	2	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
CRAWFORD	4	2	0	3	2	1	2	0	0	0	0	0	0	0	0	1	0	2
FRANKLIN	1	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0
JOHNSON	2	0	0	1	0	1	0	0	2	0	0	1	0	0	0	0	0	1
LOGAN	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0
MADISON	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
MARION	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
NEWTON	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
POPE	2	3	3	1	0	1	2	1	1	1	0	3	1	0	1	0	1	0
SCOTT	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
SEARCY	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
SEBASTIAN	6	6	5	11	9	4	7	8	4	3	5	6	3	4	4	6	1	4
VAN BUREN	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
WASHINGTON	12	28	26	13	18	34	20	12	11	14	11	9	16	10	16	29	27	21
YELL	2	0	1	1	4	0	3	2	2	3	1	1	0	0	1	0	0	1
Northwest Region Totals	39	59	49	41	44	54	39	34	30	23	28	28	27	29	30	48	33	38
State Totals	181	199	162	136	127	132	114	102	106	83	82	78	85	70	72	93	90	91

**Table 6: TB Cases By County, Southeast Region,
Arkansas, 1999-2016**

Southeast Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARKANSAS	3	2	0	1	0	1	1	1	3	1	0	0	0	0	0	0	0	0
ASHLEY	0	2	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0
BRADLEY	1	0	1	0	0	0	0	1	1	1	1	0	1	1	1	1	2	0
CHICOT	2	2	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0
CLEVELAND	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
DESHA	4	1	2	4	0	1	1	0	0	0	0	2	4	2	2	2	0	3
DREW	1	1	1	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0
JEFFERSON	5	8	7	4	4	3	3	4	3	0	1	3	3	2	2	0	0	2
LEE	1	2	0	1	1	0	0	1	0	0	0	0	1	1	0	1	0	1
LINCOLN	2	0	2	1	0	0	0	2	0	1	1	1	2	1	0	1	0	1
MONROE	4	1	2	0	0	3	3	2	0	1	1	1	0	0	0	0	0	0
PHILLIPS	2	0	0	2	1	2	2	0	0	0	1	0	1	0	0	0	0	1
PRAIRIE	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST. FRANCIS	29	5	10	7	4	3	3	1	2	2	2	1	0	0	3	2	0	1
Southeast Region Totals	56	25	26	22	12	14	14	12	9	7	8	11	13	7	9	8	3	9
State Totals	181	199	162	136	127	132	114	102	106	83	82	78	85	70	72	93	90	91

**Table 7: TB Cases By County, Southwest Region,
Arkansas, 1999-2016**

Southwest Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CALHOUN	0	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0
CLARK	1	3	1	1	2	1	2	0	2	1	2	0	0	2	0	1	1	1
COLUMBIA	4	0	4	3	0	5	2	3	4	2	1	0	1	0	0	1	1	0
DALLAS	1	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	2
HEMPSTEAD	2	0	2	1	0	1	1	0	5	0	1	0	0	1	1	3	5	0
HOT SPRING	0	0	0	0	0	1	4	1	2	0	0	1	0	1	1	0	0	1
HOWARD	2	0	3	2	4	1	1	2	1	1	0	0	0	1	0	1	5	0
LAFAYETTE	0	0	1	2	0	0	0	0	1	1	1	1	0	0	0	1	1	1
LITTLE RIVER	1	0	1	3	0	3	0	0	0	0	0	0	1	1	0	2	0	2
MILLER	3	3	3	2	2	1	1	3	3	5	0	0	2	0	1	0	2	0
MONTGOMERY	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0
NEVADA	0	0	2	0	0	0	0	1	0	3	1	0	0	0	0	0	0	0
OUACHITA	2	2	2	2	2	1	0	1	2	1	0	0	1	0	2	0	0	1
PIKE	3	2	0	3	1	1	0	1	0	0	0	0	3	0	0	0	0	1
POLK	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	1	0
SEVIER	6	1	0	1	3	6	2	3	0	3	0	2	3	0	3	1	0	0
UNION	8	11	3	3	4	3	1	2	0	2	1	1	2	2	1	2	0	1
Southwest Region Totals	33	23	23	25	19	26	16	18	20	19	9	9	10	9	9	12	17	10

State Totals	181	199	162	136	127	132	114	102	106	83	82	82	78	85	72	93	90	91
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Table 8: TB Case Rates By County, Central and Northeast Regions, Arkansas, 1999-2016

Rate = Cases per 100,000 Population

Central Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
FAULKNER	5.1	3.8	2.3	0	0	3.3	2.1	0	1	0	0.9	1.8	0.9	4.7	1.7	0	0.8	0.8
GARLAND	4.8	3.6	6.8	2.2	4.4	3.3	8.7	9.4	1	3.1	3	1.0	1.0	1.1	0	2.1	2.1	1.0
GRANT	6.3	12.6	0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	5.5	11.1
LONOKE	8	0	7.6	1.8	1.8	0	3.4	4.9	1.6	3.1	1.5	2.9	0.0	1.9	1.4	0	0	0
PERRY	0	0	0	0	0	0	0	0	0	0	9.7	0.0	0.0	0.0	0.0	0	0	0
PULASKI	4	4.6	4.4	4.1	3.6	2.7	4.4	2.2	7.2	3.5	3.7	3.1	3.9	1.7	3.6	2.5	12.0	4.6
SALINE	2.6	2.6	2.4	1.1	3.5	2.3	1.1	0	2.1	1	0	0.0	1.9	0.0	0.0	1.7	1.7	1.7
Central Region Rate	4.4	3.9	4.3	2.8	2.9	2.5	3.9	2.7	4.2	2.6	2.6	2.1	2.5	1.7	2.1	1.7	2.7	2.9

Northeast Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CLAY	0	5.8	17	0	5.8	11.8	0	0	0	0	0	0.0	6.2	0.0	6.5	6.6	13.2	0
CLEBURNE	4.4	4.4	4.2	4	0	0	0	0	3.9	3.9	3.9	0	0	0	0	0	0	0
CRAIGHEAD	3.9	3.9	1.2	1.2	2.4	2.4	3.5	4.5	4.4	5.4	3.1	2.1	2.1	4.9	2.0	2.9	3.8	5.7
CRITTENDEN	2	10	21.6	15.7	11.7	7.8	3.9	9.8	11.5	1.9	9.4	7.9	2.0	2.0	0.0	2.0	6.1	0
CROSS	5.1	5.1	5.1	5.1	0	5.2	5.2	10.3	5.4	0	0	0.0	11.2	0.0	0.0	0	0	0
FULTON	0	0	0	0	0	0	0	0	0	0	0	8.2	0.0	0.0	0.0	0	8.2	0
GREENE	13.8	8.3	5.4	7.8	5.3	5.2	2.6	2.5	0	2.5	0	2.4	0.0	5.4	0.0	2.3	0	2.2
INDEPENDENCE	12.1	6.1	5.8	8.6	5.8	8.7	2.9	5.5	2.9	2.9	2.9	5.5	8.2	8.8	2.7	0	0	0
IZARD	7.6	0	7.5	0	0	0	0	0	0	15.4	0	0	0	0	0	0	0	0
JACKSON	22.5	0	0	5.5	5.6	0	11.6	11.4	0	0	6	5.6	0	0	0	5.7	0	0
LAWRENCE	17.3	17.3	0	5.6	0	0	0	0	0	5.9	5.9	5.7	0.0	0.0	0.0	5.9	0	6.0
MISSISSIPPI	19.7	11.8	7.7	3.9	4	6.1	0	1.9	2.1	2.1	6.4	0.0	4.3	0.0	2.2	2.3	9.1	0
POINSETT	4	4	7.8	0	7.9	0	11.8	3.8	4	4	4	0.0	0.0	0.0	4.1	0	0	0
RANDOLPH	22.5	5.6	11	5.4	0	5.5	5.4	0	0	0	0	0	0	0	0	0	0	0
SHARP	17.7	0	0	0	11.6	0	0	0	0	0	0	0.0	5.8	5.8	0.0	0	0	0
STONE	9	26.9	17.4	0	8.7	8.6	8.5	0	0	0	0	0.0	0.0	8.7	0.0	0	0	0
WHITE	6.2	6.2	1.5	2.9	0	4.3	0	0	0	7.2	1.3	1.3	1.3	1.5	1.3	0	0	2.5
WOODRUFF	0	11.3	22.9	0	0	0	12.3	0	0	0	0	0.0	0.0	0.0	0.0	0	0	0
Northeast Region Rate	9	6.9	6.6	4.5	4	4.2	3.8	3.3	2.8	2.6	3.1	2.4	2.4	2.5	1.3	1.6	2.5	1.8

State Rate	7.1	7.8	6.1	5	4.7	4.8	4.1	3.6	3.7	2.9	2.8	2.7	2.9	2.4	2.4	3.1	3.0	3.0
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**Table 9: TB Case Rates By County, Northwest Region,
Arkansas, 1999-2016**

Rate = Cases per 100,000 Population

Northwest Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
BAXTER	0	2.7	2.6	0	2.6	0	2.5	2.4	0	0	2.4	4.8	0.0	0.0	0.0	2.4	2.4	2.4
BENTON	5.2	6.7	5.2	1.2	1.8	4.7	0	3.7	3	0.5	3.1	0.9	1.8	9.1	2.5	2.9	0.8	1.5
BOONE	0	6.3	2.9	2.8	11.5	0	0	0	2.7	0	5.4	8.1	0.0	0.0	0.0	0	2.7	2.7
CARROLL	4.4	17.8	7.9	11.5	3.8	7.6	0	7.3	3.6	0	0	0.0	7.3	3.9	0.0	10.8	0	0
CONWAY	0	10	0	4.9	4.9	4.9	0	0	4.8	0	0	0.0	0.0	0	0.0	0	0	0
CRAWFORD	7.9	4	0	5.4	3.6	1.8	3.5	0	0	0	0	0.0	0.0	0	0.0	1.6	0	3.2
FRANKLIN	5.9	0	0	5.7	0	0	0	5.7	0	0	0	5.5	0.0	0	0.0	0	0	0
JOHNSON	9.3	0	0	4.4	0	4.2	0	0	8.1	0	0	3.9	0.0	0	0.0	0	0	3.8
LOGAN	0	0	0	8.7	4.5	0	4.4	0	0	0	0	0.0	0.0	0	0.0	4.6	0	0
MADISON	0	7.6	0	6.8	0	0	6.8	0	0	0	0	0.0	0.0	0	0.0	0	0	12.4
MARION	0	0	0	0	0	6.1	0	0	0	0	0	0.0	6.0	0	0.0	0	0	0
NEWTON	12.2	0	0	0	0	0	11.8	0	0	12.1	0	0.0	0.0	0	0.0	0	0	0
POPE	3.8	5.8	5.5	1.8	0	1.8	3.6	1.7	1.7	1.7	0	4.9	1.6	0	0.0	0	1.6	0
SCOTT	9.4	9.4	9.1	0	0	0	0	0	8.8	0	0	0.0	0.0	0	0.0	0	0.0	9.7
SEARCY	0	0	0	0	0	12.5	0	0	0	0	12.6	0.0	0.0	0	0.0	0	0.0	0
SEBASTIAN	5.7	5.7	4.3	9.3	7.7	3.4	5.9	6.4	3.3	2.5	4	4.8	2.4	3.5	3.1	4.7	0.8	3.1
VAN BUREN	0	0	6.2	0	0	0	0	0	0	0	0	0.0	0.0	0	5.9	0	0.0	0
WASHINGTON	8.7	20.2	16.5	7.8	10.8	20	11.5	6.6	5.7	7.2	5.5	4.4	7.9	6.3	7.4	13.1	12.	9.2
YELL	10.5	0	4.7	4.6	18.7	0	14.1	8.8	9.2	13.7	4.4	4.5	0.0	0	4.6	0	0.0	4.6
Northwest Region Rate	5.3	8	6	4.9	5.2	6.3	3.4	3.7	3.2	2.4	2.9	2.9	2.7	3.6	3.0	4.8	3.2	3.7
State Rate	7.1	7.8	6.1	5	4.7.	4.87	4.1	3.6	3.7	2.9	2.8	2.7	2.9	2.4	2.4	3.1	3.0	3.0

**Table 10: TB Case Rates By County, Southeast Region,
Arkansas, 1999-2016**

Rate = Cases per 100,000 Population

Southeast Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
ARKANSAS	9.6	14.4	9.6	0.0	4.9	0.0	5	5.2	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
ASHLEY	8.2	0.0	8.3	4.2	4.2	4.2	0.0	0.0	0.0	4.5	0.0	4.6	0.0	0.0	0.0	0	0.0	0.0
BRADLEY	17.5	8.7	0.0	7.8	0.0	0.0	0.0	7.6	8.3	8.4	8.5	0.0	8.7	7.9	8.9	9.0	18.0	0.0
CHICOT	13.5	13.5	14.2	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	8.8	8.9	9.1	0.0
CLEVELAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0	0.0	0.0
DESHA	0.0	26.5	6.5	13.2	27	0.0	6.8	0.0	0.0	0.0	0.0	15.4	30.8	13.0	16.0	16.3	0.0	25.3
DREW	5.7	5.7	5.3	5.3	5.4	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4	0.0	0.0	0	0.0	0.0
JEFFERSON	12.3	6.1	9.5	8.4	4.8	4.8	3.6	4.8	3.8	0.0	1.3	3.9	3.9	2.4	2.7	0	0.0	2.9
LEE	0.0	8.1	15.9	0.0	8.2	8.4	0.0	8.2	0.0	0.0	0.0	0.0	9.6	7.9	0.0	10.1	0.0	10.7
LINCOLN	28	14	0.0	13.8	7	0.0	0.0	13.8	0.0	7.3	7.4	7.1	14.2	6.9	0.0	7.2	0.0	7.3
MONROE	9.8	39.2	9.8	20.2	0.0	0.0	31.9	21.7	0.0	11.7	12.2	12.3	0.0	0.0	0.0	0	0.0	0.0
PHILLIPS	14.6	7.3	0.0	0.0	8	4.1	8.2	0.0	0.0	0.0	4.8	0.0	4.6	0.0	0.0	0	0.0	5.3
PRAIRIE	0.0	21.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0	0.0	0.0
ST. FRANCIS	21.3	103	17	34.3	24.3	14	10.6	3.5	7.4	7.6	7.6	3.5	0.0	0.0	0.0	7.4	0.0	3.8
Southeast Region Rate	11.5	18.9	8.3	8.7	7.5	4.1	5.1	3.3	3.2	2.6	2.9	4.0	4.8	2.3	3.4	3.1	1.3	3.6
State Rate	6.7	7.1	7.8	6.1	5	4.7	4.8	4.1	3.6	3.7	2.9	2.7	2.9	2.4	2.4	3.1	3.0	3.0

**Table 11: TB Case Rates By County, Southwest Region,
Arkansas, 1999-2016**

Rate = Cases per 100,000 Population

Southwest Region Counties	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
CALHOUN	0	17.5	17.4	0	0	0	18.1	17.4	0	0	0	0.0	0.0	17.4	0.0	0	19.1	0.0
CLARK	4.6	13.7	4.2	4.3	8.5	4.2	8.7	0	8.5	4.2	8.4	0.0	0.0	8.5	0.0	4.4	4.4	4.4
COLUMBIA	16	0	15.6	11.7	0	20	8.1	11.7	16.4	8.3	4.2	4.1	4.1	0.0	0.0	4.2	4.1	0.0
DALLAS	11	0	0	11.1	0	11.5	0	0	0	0	12.5	0.0	0.0	0.0	0.0	0	0.0	26.8
HEMPSTEAD	0	0	0	4.2	0	4.3	4.3	0	21.5	0	4.3	4.4	0.0	4.2	4.4	13.4	22.6	0.0
HOT SPRING	0	0	0	0	0	3.3	13.1	3.1	6.3	0	0	0.0	0.0	3.3	3.0	0	0.0	3.0
HOWARD	14.6	0	21	14	28.1	6.9	6.9	14	7.1	7.1	0	7.3	0.0	7.0	0.0	7.4	37.6	0.0
LAFAYETTE	0	0	11.7	24.1	0	0	0	0	12.9	13	13.3	0.0	0.0	0.0	0.0	14.0	14.3	14.6
LITTLE RIVER	7.6	0	7.3	22	0	22.5	0	0	0	0	0	0.0	7.6	7.3	0.0	16	0.0	16.1
MILLER	7.5	7.5	7.4	4.9	4.9	2.4	2.4	7.3	7	11.6	0	6.9	4.6	0.0	2.3	0	4.6	0.0
MONTGOMERY	0	0	0	0	10.8	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0	0.0	0.0
NEVADA	0	0	20.1	0	0	0	0	10.7	0	32.8	10.9	0.0	0.0	0.0	0.0	0	0.0	0.0
OUACHITA	7.2	7.2	6.9	7.1	7.2	3.6	0	3.6	7.7	3.9	0	0.0	3.8	0.0	8.0	0	0.0	4.1
PIKE	28.3	18.9	0	26	9	9	0	8.3	0	0	0	0.0	26.6	0.0	0.0	0	0.0	9.2
POLK	0.0	0.0	0.0	4.9	0	4.9	5	0	0	0	4.9	0.0	0.0	0.0	0.0	0	4.9	0.0
SEVIER	41	6.8	0	6.3	19	37.8	12.4	18.7	0	18.2	0	11.7	17.6	0.0	17.3	5.7	0.0	0.0
UNION	17.7	24.3	6.6	6.6	8.8	6.7	2.2	4.5	0	4.6	2.3	2.4	4.8	4.4	0	5.0	0.0	2.5
Southwest Region Rate	10.1	7.1	6.8	7.5	5.7	7.8	4.8	6.2	6.1	5.8	2.7	2.7	3.9	2.7	2.8	4.3	5.3	3.1

State Rate	7.1	7.8	6.1	5	4.7	4.8	4.1	3.6	3.7	2.9	2.8	2.7	2.9	2.4	2.4	3.1	3.0	3.0
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Table 12: Foreign-Born TB Cases, Arkansas, 2004-2016

Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Cases	132	114	102	106	83	82	78	85	70	72	93	90	91
Proportion Foreign-born (%)	36.4	29	31.4	29.2	22.9	28	30.8	28.2	32.9	33.3	37.6	34.4	49.5
Total Foreign-Born Hispanic by Country	19	22	19	15	9	11	9	6	8	10	8	10	13
By Country													
Mexico	16	18	15	15	7	6	7	4	6	5	7	3	7
El Salvador		3	2		1	4	2					1	2
Peru													1
Guatemala					1	1		1	1	1	1	4	1
Ecuador	1												
Puerto Rico	1									1			
Honduras		1	1							2		2	1
Nicaragua	1												
Costa Rica										1			
Venezuela			1										
Chile								1					
Brazil									1				1
Total Foreign-Born non-Hispanic	29	11	11	16	10	12	15	18	15	14	27	21	31
Philippines	2		2	1	1	1		1	1	1		1	1
Vietnam	3	1	2	2	1		2	6	1		3	3	
India	2	2		3	1	2	2	2	4	3	2		8
Marshall Islands	19	5	5	5	4	6	6	5	4	5	17	13	12
China			1							1	1	1	2
Laos	2	1				1	3		2		2		2
Nigeria										1			
Cambodia									1				
Nepal	1			4	1					1			1
Pakistan									1				1
Gabon											1		
Korea					1			2		1			
Thailand			1	1					1				
Malawi												1	
Haiti													1
Indonesia												1	
US Pacific Islands													
Bangladesh		1	1			1						1	
Zimbabwe		1											
Ivory Coast													1
Kazakhstan						1							
Taiwan							1						
Zambia							1			1			
Rwanda								2			1		
Total Foreign-Born	48	33	32	31	19	23	24	24	23	24	35	31	44