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| Supplemental Table 1: Cancer Incidence Trends With Joinpoint Analyses for Selected Cancers for American Indian/Alaska Native Persons Compared With Non-Hispanic White Persons, by Sex: Purchased/Referred Care Delivery Areas, United States, 1999-2015 |
|   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |
|   |   |   | Trend 1 | Trend 2 | Trend 3 | Trend 4  |
| Cancer Site  | Race/Ethnicity and Sex  |   | Years | APCa | Years | APCa | Years | APCa | Years | APCa |
| All sites  |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2008 | 1.1\* | 2008-2015 | -1.0\* |   |   |   |   |
|   | Male  |   | 1999-2008 | 0.8 | 2008-2015 | -2.0\* |   |   |   |   |
|   | Female  |   | 1999-2012 | 1.1\* | 2012-2015 | -1.8 |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2001 | 0.4 | 2001-2004 | -1.1 | 2004-2007 | 0.5 | 2007-2015 | -1.5\* |
|   | Male  |   | 1999-2007 | -0.5\* | 2007-2015 | -2.4\* |   |   |   |   |
|   | Female  |   | 1999-2001 | 0.5 | 2001-2004 | -1.1 | 2004-2008 | 0.5 | 2008-2015 | -0.6\* |
|  Lung  |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2008 | 1.6\* | 2008-2015 | -2.1\* |   |   |   |   |
|   | Male  |   | 1999-2007 | 1.9 | 2007-2015 | -2.3\* |   |   |   |   |
|   | Female  |   | 1999-2011 | 1.2\* | 2011-2015 | -3.5 |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2007 | -0.6\* | 2007-2015 | -2.3\* |   |   |   |   |
|   | Male  |   | 1999-2008 | -1.7\* | 2008-2015 | -3.2\* |   |   |   |   |
|   | Female  |   | 1999-2006 | 0.6\* | 2006-2015 | -1.5\* |   |   |   |   |
| CRC |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2015 | -0.7\* |   |   |   |   |   |   |
|   | Male  |   | 1999-2015 | -1.1\* |   |   |   |   |   |   |
|   | Female  |   | 1999-2015 | -0.5 |   |   |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2002 | -1.8\* | 2002-2012 | -3.3\* | 2012-2015 | -1.7\* |   |   |
|   | Male  |   | 1999-2015 | -3.3\* |   |   |   |   |   |   |
|   | Female  |   | 1999-2002 | -1.4 | 2002-2013 | -2.9\* | 2013-2015 | -0.6 |   |   |
| Prostate  |   |   |   |   |   |   |   |   |   |   |
|   | AIAN |   | 1999-2009 | -0.7 | 2009-2015 | -9.2\* |   |   |   |   |
|   | White  |   | 1999-2008 | -1.3\* | 2008-2015 | -7.4\* |   |   |   |   |
| Breast |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   | 1999-2015 | 0.9\* |   |   |   |   |   |   |
|   | White  |   | 1999-2001 | -0.4 | 2001-2004 | -3.8\* | 2004-2008 | 0.9 | 2008-2015 | -0.2 |
| Kidney  |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2008 | 4.5\* | 2008-2015 | -0.5 |   |   |   |   |
|   | Male  |   | 1999-2015 | 2.4\* |   |   |   |   |   |   |
|   | Female  |   | 1999-2015 | 1.6\* |   |   |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2006 | 3.8\* | 2006-2015 | 0.4\* |   |   |   |   |
|   | Male  |   | 1999-2005 | 3.7\* | 2005-2015 | 0.8\* |   |   |   |   |
|   | Female  |   | 1999-2007 | 3.8\* | 2007-2015 | -0.4 |   |   |   |   |
| Liver |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2015 | 4.4\* |   |   |   |   |   |   |
|   | Male  |   | 1999-2015 | 4.4\* |   |   |   |   |   |   |
|   | Female  |   | 1999-2015 | 4.2\* |   |   |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2013 | 3.9\* | 2013-2015 | -0.1 |   |   |   |   |
|   | Male  |   | 1999-2012 | 4.2\* | 2012-2015 | 0.9 |   |   |   |   |
|   | Female  |   | 1999-2005 | 0.5 | 2005-2008 | 7.6 | 2008-2015 |   |   |   |
| Stomach  |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2015 | -1.5\* |   |   |   |   |   |   |
|   | Male  |   | 1999-2015 | -1.6\* |   |   |   |   |   |   |
|   | Female  |   | 1999-2015 | -1.3 |   |   |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Both sexes |   | 1999-2008 | -2.5\* | 2008-2011 | 2.4 | 2011-2015 | -2.5\* |   |   |
|   | Male  |   | 1999-2006 | -2.7\* | 2006-2015 | -0.5 |   |   |   |   |
|   | Female  |   | 1999-2004 | -0.3 | 2004-2008 | -4.2 | 2008-2013 | 1.6 | 2013-2015 | -6.5 |
|   |   |   |   |   |   |   |   |   |   |   |
| Cervical  |   |   |   |   |   |   |   |   |   |   |
|   | AI/AN |   |   |   |   |   |   |   |   |   |
|   | Female  |   | 1999-2015 | -0.0 |   |   |   |   |   |   |
|   | White  |   |   |   |   |   |   |   |   |   |
|   | Female  |   | 1999-2003 | -4.6\* | 2003-2009 | 0.4 | 2009-2012 | -3.2\* | 2012-2015 | 2.5\* |
| Note: AI/AN= American Indian Alaska Native; APC= annual percent change.Joinpoint Analyses with up to 3 joinpoints are based on rates per 100,000 persons and were age-adjusted to the 2000  |
| US standard population ( 11 age groups; census P25-1130); Joinpoint Regression Program, Version 4.0.1. January 2013; Statistical Research and Applications Branch, National Cancer Institute  |
| Bethesda, MD. Analyses are limited to persons of non-Hispanic origin. AI/AN race is reported through linkage with the Indian Health Service patient registration database.  |
|   |   |   |   |   |   |   |   |   |   |   |
| a APC is based on rates that were age-adjusted to the 2000 US standard population (11 age groups, Census P25-1130).  |
| \* 2-sided P<0.05 |   |   |   |   |   |   |   |   |   |