Instructions for Coding

1. This variable can be generated using a standard, NAACCR supplied SAS code (or the logic below). At a minimum, this field should be derived prior to release of data for county-level analysis or rates. Ideally, the variable should be updated whenever there is a change to any county field.

2. If the County At DX Reported [90] AND the County At DX Geocoded associated with the year of diagnosis are the same, the County At DX Analysis county can be pulled from either field.

    2.1. If County At DX Geocoded associated with the year of diagnosis is "999" or NULL, pull from County At DX Reported [90].

    2.2. If County At DX Geocoded associated with the year of diagnosis is not valid for the Addr At DX-State [80] value, pull from County At DX Reported [90].

3. If the County At DX Reported [90] is "999" or NULL AND County At DX Geocoded associated with the year of diagnosis is geocoded (Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = is not null and less than 9), pull the County At DX Geocode associated with the year of diagnosis. Cases diagnosed 1990-1999, pull from County At DX Geocode 1990. Cases diagnosed 2000-2009, pull from County At DX Geocode 2000. Cases diagnosed 2010-2019, pull from County At DX Geocode 2000. Cases diagnosed 2020-2029, pull from County At DX Geocode 2020.

4. If the County At DX Geocoded associated with the year of diagnosis does not equal County At DX Reported [90] AND is a high quality geocode (Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = 1 **or 6**), pull the County At DX Geocode associated with the year of diagnosis. Cases diagnosed 1990-1999, pull from County At DX Geocode 1990. Cases diagnosed 2000-2009, pull from County At DX Geocode 2000. Cases diagnosed 2010-2019, pull from County At DX Geocode 2000. Cases diagnosed 2020-2029, pull from County At DX Geocode 2020.

5. If the County At DX Geocoded associated with the year of diagnosis does not equal County At DX Reported [90] AND is based on a PO Box address (Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = 5), the derived county equals the County At DX Reported [90].

6. If the Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = blank or 9 and the County At DX Reported [90] is not NULL or '999', the derived county equals the County At DX Reported [90].

    6.1. If Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = blank or 9, but County At DX Reported [90] = blank or '999', pull the County At DX Geocode associated with the year of diagnosis. Cases diagnosed 1990-1999, pull from County At DX Geocode 1990. Cases diagnosed 2000-2009, pull from County At DX Geocode 2000. Cases diagnosed 2010-2019, pull from County At DX Geocode 2000. Cases diagnosed 2020-2029, pull from County At DX Geocode 2020.

7. If the County At DX Geocoded associated with the year of diagnosis does not match County At DX Reported [90] AND a geocode is based on residential addresses but geocoded to the centroid of a zip code (Census Tr Cert [#364 for cases diagnosed through 1999, #365 for cases diagnosed 2000-2009, or #367 for cases diagnosed 2010-2019] = 2-4), manual review is required to resolve the discrepancy. Until manual review can be done, use the County At DX Reported [90].

8. If the patient has multiple tumors, the county codes may be different for each tumor.

9. Detailed standards have not been set for Canadian provinces/territories. Use code 998 for Canadian residents.

10. If Addr At DX-State [80] or Year of Diagnosis [390] blank, use code 999

   10.1 If County At DX Reported [90] blank and County At DX Geocode associated with the year of diagnosis blank. Use code 999