gen newrivalry2010=.

replace newrivalry2010=1 if ( ccode1==220 & ccode2==300 ) & year>=1494 & year<=1918

replace newrivalry2010=1 if ( ccode1==300 & ccode2==220 ) & year>=1494 & year<=1918

replace newrivalry2010=1 if ( ccode1==300 & ccode2== 640 ) & year>=1494 & year<=1908

replace newrivalry2010=1 if ( ccode1==640 & ccode2==300 ) & year>=1494 & year<=1908

replace newrivalry2010=1 if ( ccode1==365 & ccode2==640 ) & year>=1668 & year<=1918

replace newrivalry2010=1 if ( ccode1==640 & ccode2==365 ) & year>=1668 & year<=1918

replace newrivalry2010=1 if ( ccode1==200 & ccode2== 220 ) & year>=1731 & year<=1904

replace newrivalry2010=1 if ( ccode1==220 & ccode2==200 ) & year>=1731 & year<=1904

replace newrivalry2010=1 if ( ccode1==220 & ccode2==365 ) & year>=1732 & year<=1894

replace newrivalry2010=1 if ( ccode1==365 & ccode2==220 ) & year>=1732 & year<=1894

replace newrivalry2010=1 if ( ccode1==255 & ccode2==300 ) & year>=1740 & year<=1870

replace newrivalry2010=1 if ( ccode1==300 & ccode2==255 ) & year>=1740 & year<=1870

replace newrivalry2010=1 if ( ccode1==220 & ccode2==255 ) & year>= 1756 & year<=1955

replace newrivalry2010=1 if ( ccode1==255 & ccode2== 220 ) & year>=1756 & year<=1955

replace newrivalry2010=1 if ( ccode1==300 & ccode2==365 ) & year>=1768 & year<=1918

replace newrivalry2010=1 if ( ccode1==365 & ccode2==300 ) & year>=1768 & year<=1918

replace newrivalry2010=1 if ( ccode1==200 & code2==365 ) & year>=1778 & year<=1956

replace newrivalry2010=1 if ( ccode1==365 & ccode2==200 ) & year>=1778 & year<=1956

replace newrivalry2010=1 if ( ccode1==630 & ccode2==700 ) & year>=1816 & year<=1937

replace newrivalry2010=1 if ( ccode1==700 & ccode2==630 ) & year>=1816 & year<=1937

replace newrivalry2010=1 if ( ccode1==365 & ccode2==710 ) & year>=1816 & year<=1949

replace newrivalry2010=1 if ( ccode1==710 & ccode2==365 ) & year>=1816 & year<=1949

replace newrivalry2010=1 if ( ccode1==800 & ccode2==816 ) & year>=1816 & year<=1884

replace newrivalry2010=1 if ( ccode1==816 & ccode2==800 ) & year>=1816 & year<=1884

replace newrivalry2010=1 if ( ccode1==365 & ccode2==630 ) & year>=1816 & year<=1828

replace newrivalry2010=1 if ( ccode1==630 & ccode2==365 ) & year>=1816 & year<=1828

replace newrivalry2010=1 if ( ccode1==200 & ccode2==775 ) & year>=1816 & year<=1826

replace newrivalry2010=1 if ( ccode1==775 & ccode2==200 ) & year>=1816 & year<=1826

replace newrivalry2010=1 if ( ccode1==2 & ccode2==230 ) & year>=1816 & year<=1819

replace newrivalry2010=1 if ( ccode1== 230 & ccode2== 2 ) & year>=1816 & year<=1819

replace newrivalry2010=1 if ( ccode1==630 & ccode2==640 ) & year>=1816 & year<=1932

replace newrivalry2010=1 if ( ccode1==640 & ccode2==630 ) & year>=1816 & year<=1932

replace newrivalry2010=1 if ( ccode1==2 & ccode2==200 ) & year>=1816 & year<=1904

replace newrivalry2010=1 if ( ccode1==200 & ccode2==2 ) & year>=1816 & year<=1904

replace newrivalry2010=1 if ( ccode1==140 & ccode2==160 ) & year>=1817 & year<=1985

replace newrivalry2010=1 if ( ccode1==160 & ccode2==140 ) & year>=1817 & year<=1985

replace newrivalry2010=1 if ( ccode1==2 & ccode2==70 ) & year>=1821 & year<=1848

replace newrivalry2010=1 if ( ccode1== 70 & ccode2==2 ) & year>=1821 & year<=1848

replace newrivalry2010=1 if ( ccode1==135 & ccode2==145 ) & year>=1825 & year<=1932

replace newrivalry2010=1 if ( ccode1==145 & ccode2==135 ) & year>=1825 & year<=1932

replace newrivalry2010=1 if ( ccode1==100 & ccode2==135 ) & year>=1827 & year<=1935

replace newrivalry2010=1 if ( ccode1==135 & ccode2==100 ) & year>=1827 & year<=1935

replace newrivalry2010=1 if ( ccode1==350 & ccode2==640 ) & year>=1827 & year<=1930

replace newrivalry2010=1 if ( ccode1==640 & ccode2==350 ) & year>=1827 & year<=1930

replace newrivalry2010=1 if ( ccode1==640 & ccode2==651 ) & year>=1828 & year<=1841

replace newrivalry2010=1 if ( ccode1==651 & ccode2==640 ) & year>=1828 & year<=1841

replace newrivalry2010=1 if ( ccode1==2 & ccode2==220 ) & year>=1830 & year<=1871

replace newrivalry2010=1 if ( ccode1==220 & ccode2==2 ) & year>=1830 & year<=1871

replace newrivalry2010=1 if ( ccode1==130 & ccode2==135 ) & year>=1830 & year<=1998

replace newrivalry2010=1 if ( ccode1==135 & ccode2==130 ) & year>=1830 & year<=1998

replace newrivalry2010=1 if ( ccode1==100 & ccode2==130 ) & year>=1830 & year<=1919

replace newrivalry2010=1 if ( ccode1==130 & ccode2==100 ) & year>=1830 & year<=1919

replace newrivalry2010=1 if ( ccode1==100 & ccode2==101 ) & year>=1831 & year<=2010

replace newrivalry2010=1 if ( ccode1==101 & ccode2==100 ) & year>=1831 & year<=2010

replace newrivalry2010=1 if ( ccode1==135 & ccode2==155 ) & year>=1832 & year<=1929

replace newrivalry2010=1 if ( ccode1==155 & ccode2==135 ) & year>=1832 & year<=1929

replace newrivalry2010=1 if ( ccode1== 145 & ccode2==155 ) & year>= 1836

replace newrivalry2010=1 if ( ccode1==155 & ccode2==145 ) & year>=1836

replace newrivalry2010=1 if ( ccode1==200 & ccode2==710 ) & year>=1839 & year<=1900

replace newrivalry2010=1 if ( ccode1==710 & ccode2==200 ) & year>=1839 & year<=1900

replace newrivalry2010=1 if ( ccode1== 91 & ccode2==92 ) & year>=1840 & year<=1992

replace newrivalry2010=1 if ( ccode1== 92 & ccode2==91 ) & year>=1840 & year<=1992

replace newrivalry2010=1 if ( ccode1== 93 & ccode2==94 ) & year>= 1842 & year<=1858

replace newrivalry2010=1 if ( ccode1== 94 & ccode2== 93 ) & year>=1842 & year<=1858

replace newrivalry2010=1 if ( ccode1==70 & ccode2== 90 ) & year>=1842 & year<=1882

replace newrivalry2010=1 if ( ccode1==90 & ccode2==70 ) & year>=1842 & year<=1882

replace newrivalry2010=1 if ( ccode1== 90 & ccode2==92 ) & year>=1842 & year<=1906

replace newrivalry2010=1 if ( ccode1==92 & ccode2==90 ) & year>=1842 & year<=1906

replace newrivalry2010=1 if ( ccode1==155 & ccode2==160 ) & year>=1843 & year<=1991

replace newrivalry2010=1 if ( ccode1==160 & ccode2==155 ) & year>=1843 & year<=1991

replace newrivalry2010=1 if ( ccode1==91 & ccode2==93 ) & year>=1844 & year<=1961

replace newrivalry2010=1 if ( ccode1==93 & ccode2==91 ) & year>=1844 & year<=1961

replace newrivalry2010=1 if ( ccode1==41 & ccode2==54 ) & year>=1845 & year<=1893

replace newrivalry2010=1 if ( ccode1==54 & ccode2==41 ) & year>=1845 & year<=1893

replace newrivalry2010=1 if ( ccode1==300 & ccode2==325 ) & year>=1847 & year<=1918

replace newrivalry2010=1 if ( ccode1==325 & ccode2==300 ) & year>=1847 & year<=1918

replace newrivalry2010=1 if ( ccode1==90 & ccode2==91 ) & year>=1850 & year<=1930

replace newrivalry2010=1 if ( ccode1==91 & ccode2== 90 ) & year>=1850 & year<=1930

replace newrivalry2010=1 if ( ccode1==90 & ccode2==93 ) & year>=1855 & year<=1907

replace newrivalry2010=1 if ( ccode1==93 & ccode2==90 ) & year>=1855 & year<=1907

replace newrivalry2010=1 if ( ccode1==220 & ccode2==710 ) & year>=1856 & year<=1900

replace newrivalry2010=1 if ( ccode1==710 & ccode2==220 ) & year>=1856 & year<=1900

replace newrivalry2010=1 if ( ccode1==220 & ccode2==816 ) & year>=1858 & year<=1884

replace newrivalry2010=1 if ( ccode1==816 & ccode2==220 ) & year>=1858 & year<=1884

replace newrivalry2010=1 if ( ccode1==140 & ccode2==150 ) & year>=1860 & year<=1870

replace newrivalry2010=1 if ( ccode1==150 & ccode2==140 ) & year>=1860 & year<=1870

replace newrivalry2010=1 if ( ccode1==150 & ccode2==160 ) & year>=1862 & year<=1870

replace newrivalry2010=1 if ( ccode1==160 & ccode2==150 ) & year>=1862 & year<=1870

replace newrivalry2010=1 if ( ccode1==530 & ccode2==651 ) & year>=1868 & year<=1882

replace newrivalry2010=1 if ( ccode1==651 & ccode2==530 ) & year>=1868 & year<=1882

replace newrivalry2010=1 if ( ccode1==710 & ccode2==740 ) & year>=1873 & year<=1945

replace newrivalry2010=1 if ( ccode1==740 & ccode2==710 ) & year>=1873 & year<=1945

replace newrivalry2010=1 if ( ccode1==350 & ccode2==355 ) & year>=1878 & year<=1947

replace newrivalry2010=1 if ( ccode1==355 & ccode2==350 ) & year>=1878 & year<=1947

replace newrivalry2010=1 if ( ccode1==345 & ccode2==355 ) & year>=1878 & year<=1955

replace newrivalry2010=1 if ( ccode1==355 & ccode2==345 ) & year>=1878 & year<=1955

replace newrivalry2010=1 if ( ccode1==355 & ccode2==360 ) & year>=1878 & year<=1945

replace newrivalry2010=1 if ( ccode1==360 & ccode2==355 ) & year>=1878 & year<=1945

replace newrivalry2010=1 if ( ccode1==355 & ccode2==640 ) & year>=1878 & year<=1950

replace newrivalry2010=1 if ( ccode1==640 & ccode2==355 ) & year>=1878 & year<=1950

replace newrivalry2010=1 if ( ccode1==345 & ccode2==640 ) & year>=1878 & year<=1918

replace newrivalry2010=1 if ( ccode1==640 & ccode2==345 ) & year>=1878 & year<=1918

replace newrivalry2010=1 if ( ccode1==345 & ccode2==350 ) & year>=1879 & year<=1953

replace newrivalry2010=1 if ( ccode1==350 & ccode2==345 ) & year>=1879 & year<=1953

replace newrivalry2010=1 if ( ccode1==220 & ccode2==325 ) & year>=1881 & year<=1940

replace newrivalry2010=1 if ( ccode1==325 & ccode2==220 ) & year>=1881 & year<=1940

replace newrivalry2010=1 if ( ccode1==325 & ccode2==530 ) & year>=1882 & year<=1943

replace newrivalry2010=1 if ( ccode1== 530 & ccode2==325 ) & year>=1882 & year<=1943

replace newrivalry2010=1 if ( ccode1==325 & ccode2==640 ) & year>=1884 & year<=1943

replace newrivalry2010=1 if ( ccode1==640 & ccode2==625 ) & year>=1884 & year<=1943

replace newrivalry2010=1 if ( ccode1==145 & ccode2==150 ) & year>=1887 & year<=1938

replace newrivalry2010=1 if ( ccode1==150 & ccode2==145 ) & year>=1887 & year<=1938

replace newrivalry2010=1 if ( ccode1==2 & ccode2==255 ) & year>=1889 & year<=1918

replace newrivalry2010=1 if ( ccode1==255 & ccode2==2 ) & year>=1889 & year<=1918

replace newrivalry2010=1 if ( ccode1==255 & ccode2==365 ) & year>=1890 & year<=1945

replace newrivalry2010=1 if ( ccode1==365 & ccode2==255 ) & year>=1890 & year<=1945

replace newrivalry2010=1 if ( ccode1==365 & ccode2==740 ) & year>=1894 & year<=1945

replace newrivalry2010=1 if ( ccode1==740 & ccode2==365 ) & year>=1894 & year<=1945

replace newrivalry2010=1 if ( ccode1==200 & ccode2==255 ) & year>=1896 & year<=1918

replace newrivalry2010=1 if ( ccode1==255 & ccode2==200 ) & year>=1896 & year<=1918

replace newrivalry2010=1 if ( ccode1==255 & ccode2==710 ) & year>=1897 & year<=1900

replace newrivalry2010=1 if ( ccode1==710 & ccode2==255 ) & year>=1897 & year<=1900

replace newrivalry2010=1 if ( ccode1==2 & ccode2==740 ) & year>=1898 & year<=1945

replace newrivalry2010=1 if ( ccode1==740 & ccode2==2 ) & year>=1898 & year<=1945

replace newrivalry2010=1 if ( ccode1==300 & ccode2==345 ) & year>=1903 & year<=1920

replace newrivalry2010=1 if ( ccode1==345 & ccode2==300 ) & year>=1903 & year<=1920

replace newrivalry2010=1 if ( ccode1==339 & ccode2==350 ) & year>=1913 & year<=1996

replace newrivalry2010=1 if ( ccode1==350 & ccode2==339 ) & year>=1913 & year<=1996

replace newrivalry2010=1 if ( ccode1==255 & ccode2==290 ) & year>=1918 & year<=1939

replace newrivalry2010=1 if ( ccode1==290 & ccode2==255 ) & year>=1918 & year<=1939

replace newrivalry2010=1 if ( ccode1==310 & ccode2==360 ) & year>= 1918 & year<=1948

replace newrivalry2010=1 if ( ccode1==360 & ccode2==310 ) & year>=1918 & year<=1948

replace newrivalry2010=1 if ( ccode1==290 & ccode2==365 ) & year>=1918 & year<=1939

replace newrivalry2010=1 if ( ccode1==365 & ccode2==290 ) & year>=1918 & year<=1939

replace newrivalry2010=1 if ( ccode1==310 & ccode2==345 ) & year>=1918 & year<=1945

replace newrivalry2010=1 if ( ccode1==345 & ccode2==310 ) & year>=1918 & year<=1945

replace newrivalry2010=1 if ( ccode1==325 & ccode2==345 ) & year>=1918 & year<=1954

replace newrivalry2010=1 if ( ccode1==345 & ccode2==325 ) & year>=1918 & year<=1954

replace newrivalry2010=1 if ( ccode1==290 & ccode2==368 ) & year>=1919 & year<=1939

replace newrivalry2010=1 if ( ccode1==368 & ccode2==290 ) & year>=1919 & year<=1939

replace newrivalry2010=1 if ( ccode1==310 & ccode2==315 ) & year>=1920 & year<=1938

replace newrivalry2010=1 if ( ccode1==315 & ccode2==310 ) & year>=1920 & year<=1938

replace newrivalry2010=1 if ( ccode1==290 & ccode2==315 ) & year>=1920 & year<=1938

replace newrivalry2010=1 if ( ccode1==315 & ccode2==290 ) & year>=1920 & year<=1938

replace newrivalry2010=1 if ( ccode1==94 & ccode2==95 ) & year>=1921 & year<=1941

replace newrivalry2010=1 if ( ccode1==95 & ccode2==94 ) & year>=1921 & year<=1941

replace newrivalry2010=1 if ( ccode1==630 & ccode2==645 ) & year>=1932 & year<=1939

replace newrivalry2010=1 if ( ccode1==645 & ccode2==630 ) & year>=1932 & year<=1939

replace newrivalry2010=1 if ( ccode1==200 & ccode2==740 ) & year>=1932 & year<=1945

replace newrivalry2010=1 if ( ccode1==740 & ccode2==200 ) & year>=1932 & year<=1945

replace newrivalry2010=1 if ( ccode1==645 & ccode2==670 ) & year>=1932 & year<=1957

replace newrivalry2010=1 if ( ccode1==670 & ccode2==645 ) & year>=1932 & year<=1957

replace newrivalry2010=1 if ( ccode1==670 & ccode2==678 ) & year>=1932 & year<=1934

replace newrivalry2010=1 if ( ccode1==678 & ccode2==670 ) & year>=1932 & year<=1934

replace newrivalry2010=1 if ( ccode1==255 & ccode2==315 ) & year>=1933 & year<=1938

replace newrivalry2010=1 if ( ccode1==315 & ccode2==255 ) & year>=1933 & year<=1938

replace newrivalry2010=1 if ( ccode1==2 & ccode2==255 ) & year>=1933 & year<=1945

replace newrivalry2010=1 if ( ccode1==255 & ccode2==2 ) & year>=1933 & year<=1945

replace newrivalry2010=1 if ( ccode1==200 & ccode2==255 ) & year>=1934 & year<=1945

replace newrivalry2010=1 if ( ccode1==255 & ccode2==200 ) & year>=1934 & year<=1945

replace newrivalry2010=1 if ( ccode1==200 & ccode2==325 ) & year>=1934 & year<=1945

replace newrivalry2010=1 if ( ccode1==325 & ccode2==200 ) & year>=1934 & year<=1945

replace newrivalry2010=1 if ( ccode1==645 & ccode2==651 ) & year>=1943

replace newrivalry2010=1 if ( ccode1==651 & ccode2==645 ) & year>=1943

replace newrivalry2010=1 if ( ccode1==2 & ccode2==365 ) & year>=1945 & year<=1989

replace newrivalry2010=1 if ( ccode1==365 & ccode2==2 ) & year>=1945 & year<=1989

replace newrivalry2010=1 if ( ccode1==651 & ccode2==663 ) & year>=1946 & year<=1970

replace newrivalry2010=1 if ( ccode1==663 & ccode2==651 ) & year>=1946 & year<=1970

replace newrivalry2010=1 if ( ccode1==652 & ccode2==663 ) & year>=1946

replace newrivalry2010=1 if ( ccode1==663 & ccode2==652 ) & year>=1946

replace newrivalry2010=1 if ( ccode1==663 & ccode2==670 ) & year>=1946 & year<=1958

replace newrivalry2010=1 if ( ccode1==670 & ccode2==663 ) & year>=1946 & year<=1958

replace newrivalry2010=1 if ( ccode1==645 & ccode2==652 ) & year>=1946

replace newrivalry2010=1 if ( ccode1==652 & ccode2==645 ) & year>=1946

replace newrivalry2010=1 if ( ccode1==640 & ccode2==652 ) & year>=1946 & year<=2004

replace newrivalry2010=1 if ( ccode1==652 & ccode2==640 ) & year>=1946 & year<=2004

replace newrivalry2010=1 if ( ccode1==700 & ccode2==770 ) & year>=1947

replace newrivalry2010=1 if ( ccode1==770 & ccode2==700 ) & year>=1947

replace newrivalry2010=1 if ( ccode1==750 & ccode2== 770 ) & year>=1947

replace newrivalry2010=1 if ( ccode1==770 & ccode2==750 ) & year>=1947

replace newrivalry2010=1 if ( ccode1==93 & ccode2==94 ) & year>=1948 & year<=1990

replace newrivalry2010=1 if ( ccode1==94 & ccode2==93 ) & year>=1948 & year<=1990

replace newrivalry2010=1 if ( ccode1==710 & ccode2==750 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==750 & ccode2==710 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==651 & ccode2==666 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==666 & ccode2==651 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==645 & ccode2==666 ) & year>=1948

replace newrivalry2010=1 if ( ccode1== 666 & ccode2==645 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==663 & ccode2==666 ) & year>=1948 & year<=1994

replace newrivalry2010=1 if ( ccode1==666 & ccode2==663 ) & year>=1948 & year<=1994

replace newrivalry2010=1 if ( ccode1==652 & ccode2==666 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==666 & ccode2==652 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==731 & ccode2==732 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==732 & ccode2==731 ) & year>=1948

replace newrivalry2010=1 if ( ccode1==345 & ccode2==365 ) & year>=1948 & year<=1955

replace newrivalry2010=1 if ( ccode1==365 & ccode2==345 ) & year>=1948 & year<=1955

replace newrivalry2010=1 if ( ccode1==2 & ccode2==710 ) & year>=1949 & year<=1972

replace newrivalry2010=1 if ( ccode1==710 & ccode2==2 ) & year>=1949 & year<=1972

replace newrivalry2010=1 if ( ccode1==260 & ccode2==265 ) & year>=1949 & year<=1973

replace newrivalry2010=1 if ( ccode1==265 & ccode2==260 ) & year>=1949 & year<=1973

replace newrivalry2010=1 if ( ccode1==710 & ccode2==713 ) & year>=1949

replace newrivalry2010=1 if ( ccode1==713 & ccode2==710 ) & year>=1949

replace newrivalry2010=1 if ( ccode1==210 & ccode2==850 ) & year>=1951 & year<=1962

replace newrivalry2010=1 if ( ccode1==850 & ccode2==210 ) & year>=1951 & year<=1962

replace newrivalry2010=1 if ( ccode1==800 & ccode2==816 ) & year>=1954 & year<=1988

replace newrivalry2010=1 if ( ccode1==816 & ccode2==800 ) & year>=1954 & year<=1988

replace newrivalry2010=1 if ( ccode1==816 & ccode2==817 ) & year>=1954 & year<=1975

replace newrivalry2010=1 if ( ccode1==817 & ccode2==816 ) & year>=1954 & year<=1975

replace newrivalry2010=1 if ( ccode1==630 & ccode2==651 ) & year>=1955 & year<=1971

replace newrivalry2010=1 if ( ccode1==651 & ccode2==630 ) & year>=1955 & year<=1971

replace newrivalry2010=1 if ( ccode1==350 & ccode2==640 ) & year>=1955

replace newrivalry2010=1 if ( ccode1==640 & ccode2==350 ) & year>=1955

replace newrivalry2010=1 if ( ccode1==230 & ccode2==600 ) & year>=1956 & year<=1991

replace newrivalry2010=1 if ( ccode1==600 & ccode2==230 ) & year>=1956 & year<=1991

replace newrivalry2010=1 if ( ccode1==811 & ccode2==817 ) & year>=1956 & year<=1975

replace newrivalry2010=1 if ( ccode1==817 & ccode2==811 ) & year>=1956 & year<=1975

replace newrivalry2010=1 if ( ccode1==651 & ccode2==670 ) & year>=1957 & year<=1970

replace newrivalry2010=1 if ( ccode1==670 & ccode2==651 ) & year>=1957 & year<=1970

replace newrivalry2010=1 if ( ccode1==365 & ccode2==710 ) & year>=1958 & year<=1989

replace newrivalry2010=1 if ( ccode1==710 & ccode2==365 ) & year>=1958 & year<=1989

replace newrivalry2010=1 if ( ccode1==630 & ccode2==652 ) & year>=1958

replace newrivalry2010=1 if ( ccode1==652 & ccode2==630 ) & year>=1958

replace newrivalry2010=1 if ( ccode1==2 & ccode2==40 ) & year>=1959

replace newrivalry2010=1 if ( ccode1==40 & ccode2==2 ) & year>=1959

replace newrivalry2010=1 if ( ccode1==432 & ccode2==439 ) & year>=1960 & year<=1986

replace newrivalry2010=1 if ( ccode1==439 & ccode2==432 ) & year>=1960 & year<=1986

replace newrivalry2010=1 if ( ccode1==520 & ccode2==530 ) & year>=1960

replace newrivalry2010=1 if ( ccode1==530 & ccode2==520 ) & year>=1960

replace newrivalry2010=1 if ( ccode1==437 & ccode2==452 ) & year>=1960 & year<=1970

replace newrivalry2010=1 if ( ccode1==452 & ccode2==437 ) & year>=1960 & year<=1970

replace newrivalry2010=1 if ( ccode1==435 & ccode2==600 ) & year>=1960 & year<=1969

replace newrivalry2010=1 if ( ccode1==600 & ccode2==435 ) & year>=1960 & year<=1969

replace newrivalry2010=1 if ( ccode1==452 & ccode2==475 ) & year>=1960 & year<=1966

replace newrivalry2010=1 if ( ccode1==475 & ccode2==452 ) & year>=1960 & year<=1966

replace newrivalry2010=1 if ( ccode1==452 & ccode2==461 ) & year>=1960 & year<=1995

replace newrivalry2010=1 if ( ccode1==461 & ccode2==452 ) & year>=1960 & year<=1995

replace newrivalry2010=1 if ( ccode1==645 & ccode2==690 ) & year>=1961

replace newrivalry2010=1 if ( ccode1==690 & ccode2==645 ) & year>=1961

replace newrivalry2010=1 if ( ccode1==652 & ccode2==670 ) & year>=1961 & year<=1970

replace newrivalry2010=1 if ( ccode1==670 & ccode2==652 ) & year>=1961 & year<=1970

replace newrivalry2010=1 if ( ccode1==651 & ccode2==652 ) & year>=1961 & year<=1990

replace newrivalry2010=1 if ( ccode1==652 & ccode2==651 ) & year>=1961 & year<=1990

replace newrivalry2010=1 if ( ccode1==820 & ccode2==850 ) & year>=1962 & year<=1966

replace newrivalry2010=1 if ( ccode1==850 & ccode2==820 ) & year>=1962 & year<=1966

replace newrivalry2010=1 if ( ccode1==615 & ccode2==600 ) & year>=1962

replace newrivalry2010=1 if ( ccode1==600 & ccode2==615 ) & year>=1962

replace newrivalry2010=1 if ( ccode1==516 & ccode2==517 ) & year>=1962 & year<=1966

replace newrivalry2010=1 if ( ccode1==517 & ccode2==516 ) & year>=1962 & year<=1966

replace newrivalry2010=1 if ( ccode1==501 & ccode2==520 ) & year>=1963 & year<=1981

replace newrivalry2010=1 if ( ccode1==520 & ccode2==501 ) & year>=1963 & year<=1981

replace newrivalry2010=1 if ( ccode1==500 & ccode2==625 ) & year>=1963 & year<=1972

replace newrivalry2010=1 if ( ccode1==625 & ccode2==500 ) & year>=1963 & year<=1972

replace newrivalry2010=1 if ( ccode1==510 & ccode2==553 ) & year>=1964 & year<=1994

replace newrivalry2010=1 if ( ccode1==553 & ccode2==510 ) & year>=1964 & year<=1994

replace newrivalry2010=1 if ( ccode1==551 & ccode2==553 ) & year>= 1964 & year<=1986

replace newrivalry2010=1 if ( ccode1==553 & ccode2==551 ) & year>=1964 & year<=1986

replace newrivalry2010=1 if ( ccode1==483 & ccode2==625 ) & year>=1964 & year<=1969

replace newrivalry2010=1 if ( ccode1==625 & ccode2==483 ) & year>=1964 & year<=1969

replace newrivalry2010=1 if ( ccode1==551 & ccode2==560 ) & year>=1965 & year<=1991

replace newrivalry2010=1 if ( ccode1==560 & ccode2==551 ) & year>=1965 & year<=1991

replace newrivalry2010=1 if ( ccode1==820 & ccode2==830 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==830 & ccode2==820 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==530 & ccode2==625 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==625 & ccode2==530 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==160 & ccode2==200 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==200 & ccode2==160 ) & year>=1965

replace newrivalry2010=1 if ( ccode1==551 & ccode2==552 ) & year>=1965 & year<=1979

replace newrivalry2010=1 if ( ccode1==552 & ccode2==551 ) & year>=1965 & year<=1979

replace newrivalry2010=1 if ( ccode1==483 & ccode2==620 ) & year>=1966 & year<=1994

replace newrivalry2010=1 if ( ccode1==620 & ccode2==483 ) & year>=1966 & year<=1994

replace newrivalry2010=1 if ( ccode1==101 & ccode2==110 ) & year>=1966

replace newrivalry2010=1 if ( ccode1==110 & ccode2==101 ) & year>=1966

replace newrivalry2010=1 if ( ccode1==680 & ccode2==698 ) & year>=1967 & year<=1982

replace newrivalry2010=1 if ( ccode1==698 & ccode2==680 ) & year>=1967 & year<=1982

replace newrivalry2010=1 if ( ccode1==678 & ccode2==680 ) & year>=1967 & year<=1990

replace newrivalry2010=1 if ( ccode1==680 & ccode2==678 ) & year>=1967 & year<=1990

replace newrivalry2010=1 if ( ccode1==645 & ccode2==670 ) & year>=1968

replace newrivalry2010=1 if ( ccode1==670 & ccode2==645 ) & year>=1968

replace newrivalry2010=1 if ( ccode1==500 & ccode2==510 ) & year>=1971 & year<=1979

replace newrivalry2010=1 if ( ccode1==510 & ccode2==500 ) & year>=1971 & year<=1979

replace newrivalry2010=1 if ( ccode1==411 & ccode2==481 ) & year>=1972

replace newrivalry2010=1 if ( ccode1==481 & ccode2==411 ) & year>=1972

replace newrivalry2010=1 if ( ccode1==710 & ccode2==816 ) & year>=1973 & year<=1991

replace newrivalry2010=1 if ( ccode1==816 & ccode2==710 ) & year>=1973 & year<=1991

replace newrivalry2010=1 if ( ccode1==620 & ccode2==651 ) & year>=1973 & year<=1992

replace newrivalry2010=1 if ( ccode1==651 & ccode2==620 ) & year>=1973 & year<=1992

replace newrivalry2010=1 if ( ccode1==620 & ccode2==625 ) & year>=1973 & year<=1985

replace newrivalry2010=1 if ( ccode1==625 & ccode2==620 ) & year>=1973 & year<=1985

replace newrivalry2010=1 if ( ccode1==490 & ccode2==540 ) & year>=1975 & year<=1997

replace newrivalry2010=1 if ( ccode1==540 & ccode2==490 ) & year>=1975 & year<=1997

replace newrivalry2010=1 if ( ccode1==471 & ccode2==475 ) & year>=1975 & year<=2008

replace newrivalry2010=1 if ( ccode1==475 & ccode2==471 ) & year>=1975 & year<=2008

replace newrivalry2010=1 if ( ccode1==540 & ccode2==560 ) & year>=1975 & year<=1988

replace newrivalry2010=1 if ( ccode1==560 & ccode2==540 ) & year>=1975 & year<=1988

replace newrivalry2010=1 if ( ccode1==541 & ccode2==552 ) & year>=1975 & year<=1979

replace newrivalry2010=1 if ( ccode1==552 & ccode2==541 ) & year>=1975 & year<=1979

replace newrivalry2010=1 if ( ccode1==811 & ccode2==816 ) & year>=1976 & year<=1983

replace newrivalry2010=1 if ( ccode1==816 & ccode2==811 ) & year>=1976 & year<=1983

replace newrivalry2010=1 if ( ccode1==541 & ccode2==560 ) & year>=1976 & year<=1991

replace newrivalry2010=1 if ( ccode1==560 & ccode2==541 ) & year>=1976 & year<=1991

replace newrivalry2010=1 if ( ccode1==93 & ccode2==100 ) & year>=1979 & year<=1990

replace newrivalry2010=1 if ( ccode1==100 & ccode2==93 ) & year>=1979 & year<=1990

replace newrivalry2010=1 if ( ccode1==630 & ccode2==651 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==651 & ccode2==630 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==630 & ccode2==666 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==666 & ccode2==630 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==630 & ccode2==670 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==670 & ccode2==630 ) & year>=1979

replace newrivalry2010=1 if ( ccode1==91 & ccode2==93 ) & year>=1980 & year<=1987

replace newrivalry2010=1 if ( ccode1==93 & ccode2==91 ) & year>=1980 & year<=1987

replace newrivalry2010=1 if ( ccode1==552 & ccode2==560 ) & year>=1980 & year<=1992

replace newrivalry2010=1 if ( ccode1==560 & ccode2==552 ) & year>=1980 & year<=1992

replace newrivalry2010=1 if ( ccode1==80 & ccode2==90 ) & year>=1981 & year<=1993

replace newrivalry2010=1 if ( ccode1==90 & ccode2==80 ) & year>=1981 & year<=1993

replace newrivalry2010=1 if ( ccode1==692 & ccode2==694 ) & year>=1986 & year<=2001

replace newrivalry2010=1 if ( ccode1==694 & ccode2==692 ) & year>=1986 & year<=2001

replace newrivalry2010=1 if ( ccode1==500 & ccode2==501 ) & year>=1987 & year<=1994

replace newrivalry2010=1 if ( ccode1==501 & ccode2==500 ) & year>=1987 & year<=1994

replace newrivalry2010=1 if ( ccode1==433 & ccode2==438 ) & year>=1989 & year<=1993

replace newrivalry2010=1 if ( ccode1==438 & ccode2==433 ) & year>=1989 & year<=1993

replace newrivalry2010=1 if ( ccode1==433 & ccode2==435 ) & year>=1989 & year<=1995

replace newrivalry2010=1 if ( ccode1==435 & ccode2==433 ) & year>=1989 & year<=1995

replace newrivalry2010=1 if ( ccode1==501 & ccode2==625 ) & year>=1989 & year<=1994

replace newrivalry2010=1 if ( ccode1==625 & ccode2==501 ) & year>=1989 & year<=1994

replace newrivalry2010=1 if ( ccode1==670 & ccode2==679 ) & year>=1990 & year<=2000

replace newrivalry2010=1 if ( ccode1==679 & ccode2==670 ) & year>=1990 & year<=2000

replace newrivalry2010=1 if ( ccode1==371 & ccode2==373 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==373 & ccode2==371 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==625 & ccode2==651 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==651 & ccode2==625 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==704 & ccode2==705 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==705 & ccode2==704 ) & year>=1991

replace newrivalry2010=1 if ( ccode1==344 & ccode2==345 ) & year>=1991 & year<=2002

replace newrivalry2010=1 if ( ccode1==345 & ccode2==344 ) & year>=1991 & year<=2002

replace newrivalry2010=1 if ( ccode1==344 & ccode2==346 ) & year>=1992

replace newrivalry2010=1 if ( ccode1==346 & ccode2==344 ) & year>=1992

replace newrivalry2010=1 if ( ccode1==345 & ccode2==346 ) & year>=1992

replace newrivalry2010=1 if ( ccode1==346 & ccode2==345 ) & year>=1992

replace newrivalry2010=1 if ( ccode1== 531 & ccode2==625 ) & year>=1993

replace newrivalry2010=1 if ( ccode1==625 & ccode2==531 ) & year>=1993

replace newrivalry2010=1 if ( ccode1==500 & ccode2==625 ) & year>=1994

replace newrivalry2010=1 if ( ccode1==625 & ccode2==500 ) & year>=1994

replace newrivalry2010=1 if ( ccode1==630 & ccode2==700 ) & year>=1996 & year<=2001

replace newrivalry2010=1 if ( ccode1==700 & ccode2==630 ) & year>=1996 & year<=2001

replace newrivalry2010=1 if ( ccode1==2 & ccode2==710 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==710 & ccode2==2 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==522 & ccode2==531 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==531 & ccode2==522 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==710 & ccode2==740 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==740 & ccode2==710 ) & year>=1996

replace newrivalry2010=1 if ( ccode1==490 & ccode2==517 ) & year>=1996 & year<=2009

replace newrivalry2010=1 if ( ccode1==517 & ccode2==490 ) & year>=1996 & year<=2009

replace newrivalry2010=1 if ( ccode1==490 & ccode2==500 ) & year>=1996 & year<=2009

replace newrivalry2010=1 if ( ccode1==500 & ccode2==490 ) & year>=1996 & year<=2009

replace newrivalry2010=1 if ( ccode1==530 & ccode2==531 ) & year>=1998

replace newrivalry2010=1 if ( ccode1==531 & ccode2==530 ) & year>=1998

replace newrivalry2010=1 if ( ccode1==500 & ccode2==517 ) & year>=1999 & year<=2009

replace newrivalry2010=1 if ( ccode1==517 & ccode2==500 ) & year>=1999 & year<=2009

replace newrivalry2010=1 if ( ccode1==483 & ccode2==625 ) & year>=2004

replace newrivalry2010=1 if ( ccode1==625 & ccode2==483 ) & year>=2004

replace newrivalry2010=1 if ( ccode1== 2 & ccode2==365 ) & year>=2007

replace newrivalry2010=1 if ( ccode1==365 & ccode2==2 ) & year>=2007

tab newrivalry2010