

Ocean County was off-set from Monmouth County by charter on February 15, becoming the state's 20th county, the second largest in area. Population was just over 10,000 residents.

- The Sheriff's House, with jail attached was constructed behind the courthouse and completed in April. 1852
- Barnegat Lighthouse opens. 1857
- Railroads begin service through Ocean County. 1862
- Two bridges were built across the Barnegat Bay: one connecting Toms River to Seaside Heights and the other 1914 connecting Manahawkin to Long Beach Island.
- The Ocean County Health Association (now Ocean County Health Department) was formed. 1924
- The Ocean County library opens its doors to the public. 1925
- Casino Pier opens on the Seaside Heights Boardwalk. 1932
- The heirs of John D. Rockefeller donated the billionaire's estate in Lakewood to Ocean County. This would later 1940 become Ocean County's first park.
- Ocean County Fair begins. By 1967, the one-day "Ocean County Field Day" had become a three-day "Ocean 1947 County Fair" with the participation of over 80 4-H clubs, and attendance of over 60,000 people.
- The Garden State Parkway opens. 1954
- 1960 The Ocean County Vocational Technical School is founded with the development of a Licensed Practical Nursing Program.

At a market

-

- 1964 Ocean County College, New Jersey's first two-year community college was established in Toms River.
- Ocean County Airport opens, 1968
- Six Flags Great Adventure opens. 1974
- Ocean County Mall opens. 1976
- Ocean County Transportation system Ocean Ride was created. 1977
- The movie, Amityville Horror is filmed throughout Ocean County, including the Toms River Branch of the 1978 Ocean County Library.
- The Ocean County Justice Complex opens. 1985
- 1988 Ocean County purchases Atlantis Golf Course.
- First farm (139 acres) was preserved through the Ocean County Farmland Preservation Program. 1991
- The Ocean County Natural Lands Trust Fund was established. In the first year, the fund was used to purchase 1997 more than 550 acres of land.
- The Toms River East American Little League team wins the Little League World Series in South Williamsport, 1998 PA.
- Ocean County celebrates its sesquicentennial (150th) anniversary. Population in Ocean County grows to over 2000 510,000 residents.
- The Ocean County Connection opens in the Ocean County Mall, bringing Ocean County government services to 2001 residents.
- Kean Ocean partnership begins, allowing students to earn a Kean University degree on the OCC campus. 2006
- Ocean County's Fire and EMS Training Center celebrates its 10 year anniversary. 2008
- The United States Air Force's McGuire Air Force Base, the United States Army's Fort Dix and the United 2009 States Navy's Naval Air Engineering Station Lakehurst merged to form Joint Base McGuire-Dix-Lakehurst.
- The population of Ocean County, New Jersey was 576,567, according to the United States census. 2010
- Superstorm Sandy hits Ocean County on Oct. 29 devastating portions of the county 2012
- In partnership with the Ocean County Vocational Technical School Ocean County opens Cuisine on the Green, 2013 which became home to the OCVTS' culinary education program, located at the Ocean County Golf Course at Atlantis
- Ocean County Parks celebrates 75 years anniversary 2015
- Ocean County Natural Lands Trust Fund acquires the Forked River Mountains, an almost 8,000 acre parcel of 2018 land, ensuring it stays open space.
- Cedar Bridge Tavern opens to the public after a multi-year renovation to restore the historic tavern. 2019
- The population of Ocean County, New Jersey was 637,229, according to the United States census. This was the 2020 highest population count in the county's history.
- Due to legislation signed in 2020 by the Governor, the term Board of Chosen Freeholders becomes Board of 2021 Commissioners.
- Ocean County broke ground on a new Ocean County Library Branch in Stafford Township. 2023

The Ocean County Pumpout Boat Program celebrates 25 years of keeping Ocean County's waterways clean.

Ocean County opens the Ocean County Sheriff's Law Enforcement Training Center in Little Egg Harbor. 2024

Ocean County breaks ground on the new Justice Complex Annex, which will include eight new courtrooms.

Ocean County dedicates the Ocean County Administration to Joseph Buckelew, naming the building, the Joseph 2025 Buckelew Ocean County Government Center.

Ocean County celebrates its 175th Anniversary with a time capsule burial.