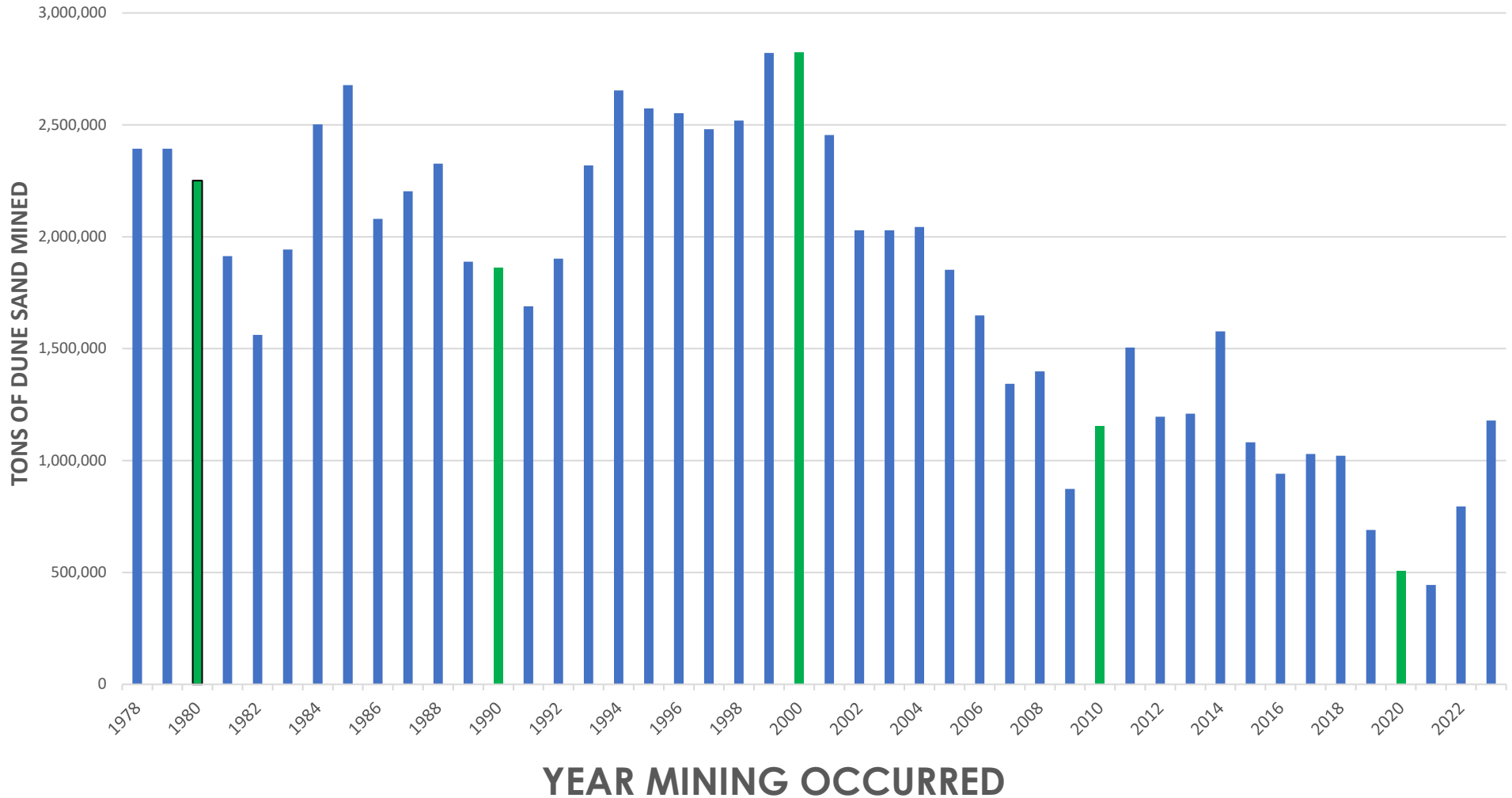


MICHIGAN SAND DUNE PRODUCTION INFORMATION (1978-2023)



Annual dune sand production, in tons, from 1978 through 2023
 During 2023: 1,178,690 tons of sand were produced from seven permitted sites.

1978-2023: 82,332,813 tons of dune sand have been produced.