



## Defense Meteorological Satellite Program (DMSP) Operational Linear Scanner (OLS)





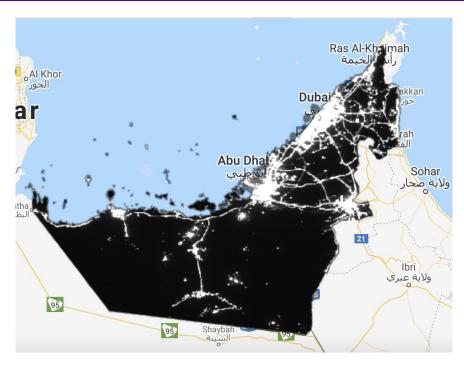
DMSP - 1993 DMSP - 2012

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# **Suomi National Polar Orbiting Partnership (NPP) Visible Infrared Imaging Radiometer Suite**



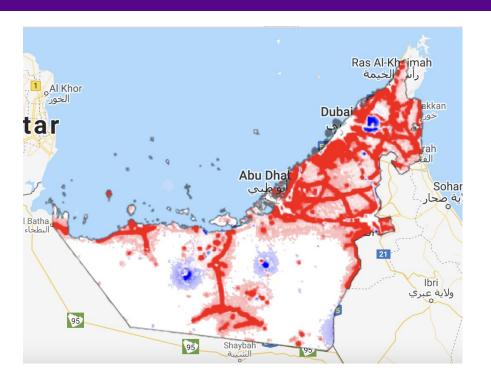


VIIRS - 2013 VIIRS - 2017

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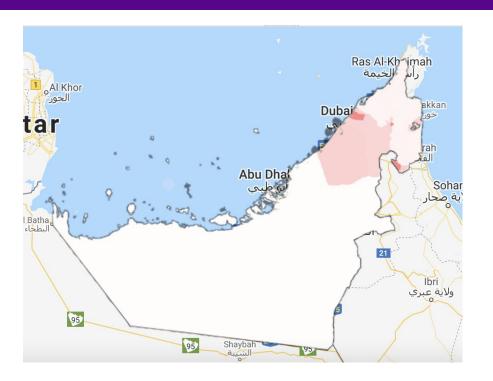


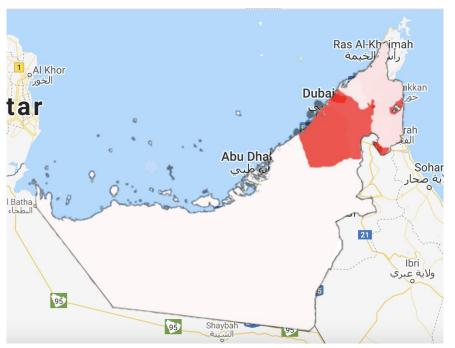
Ras Al-Kh imah Al Khor الخور Dubai tar Abu Dha Sohar اbri ولاية عبري

DMSP change from 1993 to 2012

VIIRS change from 2013 to 2017

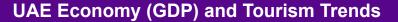
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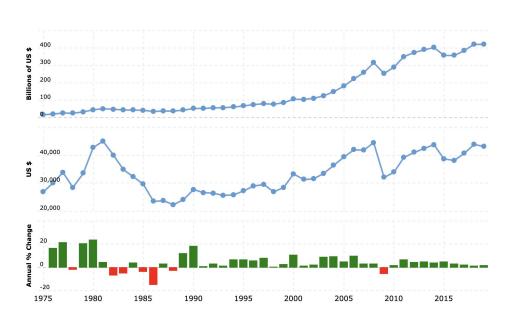
Population - 2000

Population - 2020

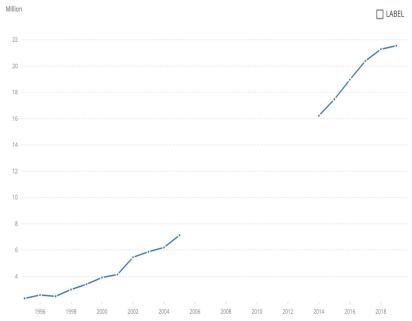




#### **UAE Economy (GDP)**



#### **UAE Tourism (Number of Arrivals)**



https://data.worldbank.org/indicator/NY.GDP.MKTP.CD?locations=AE

https://data.worldbank.org/indicator/ST.INT.ARVL?end=2019&locations=AE&start=1995&view=chart 7



- The UAE economy was fueled by oil and has been steadily shifting to tourism.
- The UAE has made a conducive environment for conducting business and attracting tourists from all over the world leading to massive influx of immigrants leading to population growth.
- UAE has been injecting huge funds in tourism and real estate projects, especially in Abu Dhabi and Dubai. Al Saadiyat Island in Abu Dhabi and Burj Khalifa in Dubai, the tallest tower in the world, world central near "Jebel Ali" are a point in case of the milestones that have given the UAE its high profile of a global tourist destination.
- Over the last two decades, the UAE has also relaxed strict laws to attract more tourists.
- Similar trends in population growth are expected to follow in the UAE as the government introduces golden visas and other schemes to attract residents.
- Job opportunities attract workers from nearby countries like India, Bangladesh, Pakistan, and Nepal.