

DESI Survey: Making the Largest 3D Map of the Universe

3 million
Quasars ($0.9 < z < 2.1$)
+ Ly- α forest ($2.1 < z$)

16 million Emission Line
Galaxies
($0.6 < z < 1.6$)

8 million Luminous Red
Galaxies
($0.4 < z < 1$)

13.5 million Bright Galaxies
($0.0 < z < 0.4$)

From 2021-2026 DESI will measure precise redshifts to
~40 million galaxies over 14,000 deg².



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Science drivers:

- Baryon Acoustic Oscillations
- Redshift Space Distortions

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