

# RARE

When it comes to rare diseases, incidence rates per condition are low. But their collective impact on populations and healthcare systems is huge and often underestimated

## BUT COLLECTIVELY COMMON

### PREVALENCE RATE OF SELECTED RARE DISEASES

Number of sufferers per 100,000 people worldwide

**6-7k**

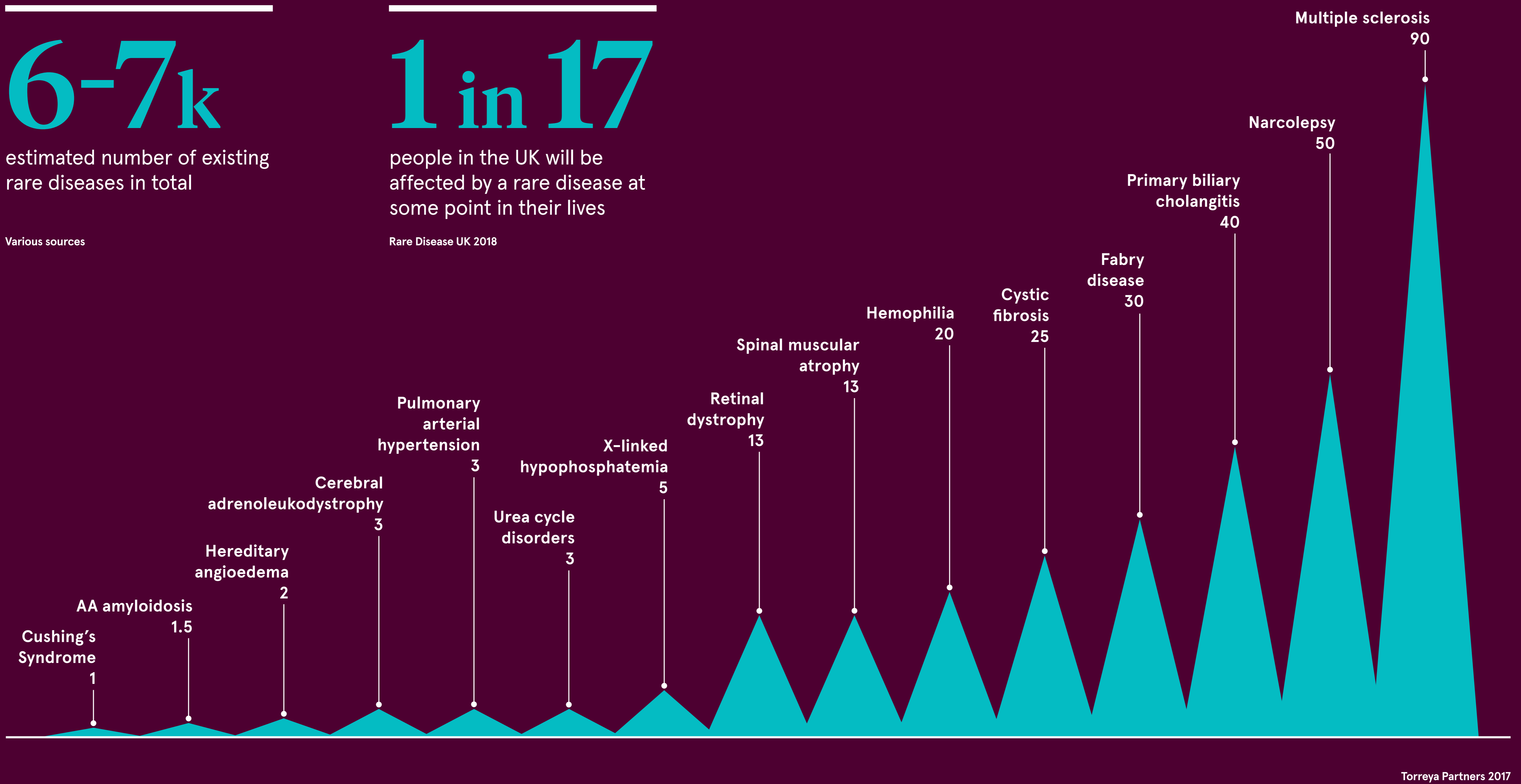
estimated number of existing rare diseases in total

Various sources

**1 in 17**

people in the UK will be affected by a rare disease at some point in their lives

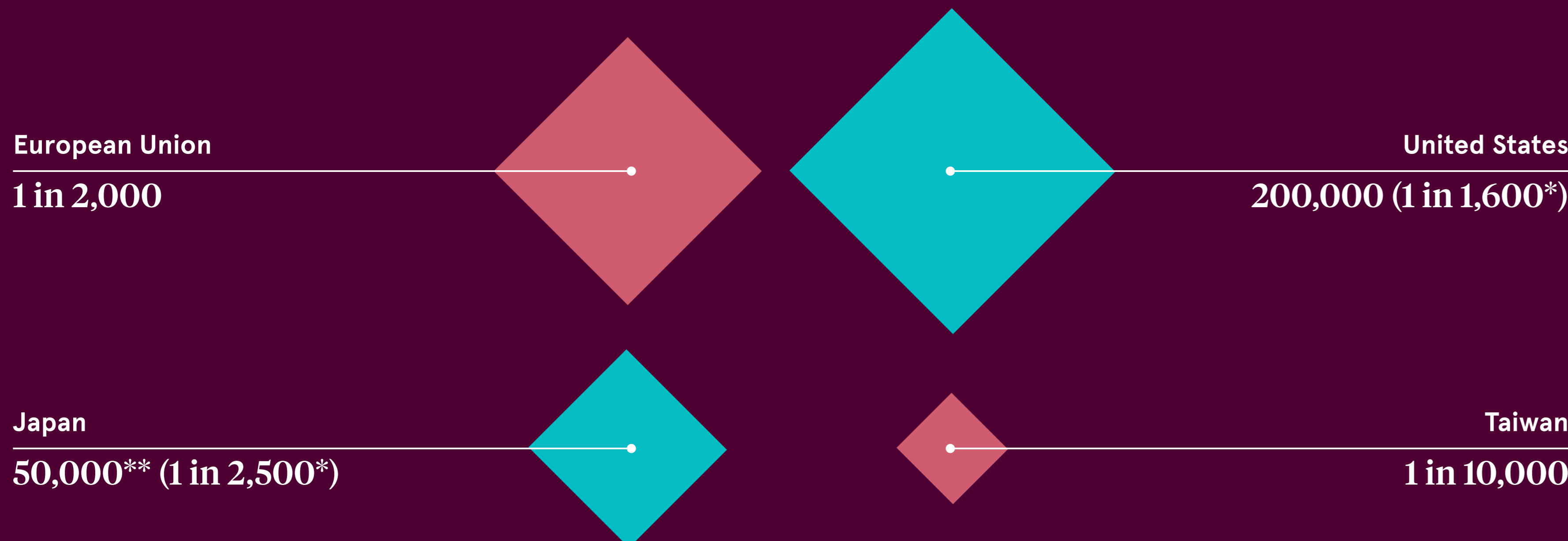
Rare Disease UK 2018



Torrey Partners 2017

### RARE DISEASE DEFINITIONS DIFFER BY REGION/AUTHORITY

Maximum number of people affected by a disease for it to be considered rare



\* Based on current population estimates

\*\* Threshold widened to include "intractable diseases" in 2015, affecting up to 180,000 people in Japan

**250+**

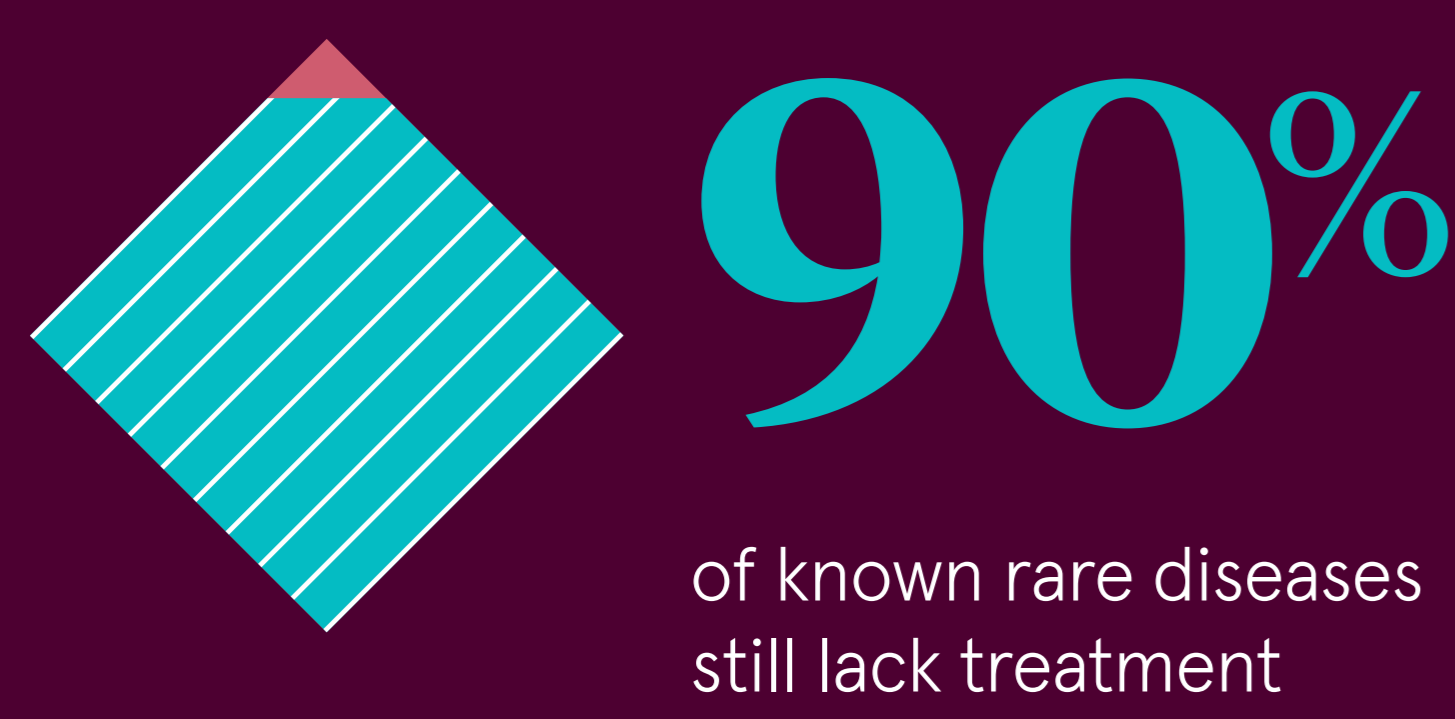
new conditions are described in medical literature every year

European Medicines Agency 2016

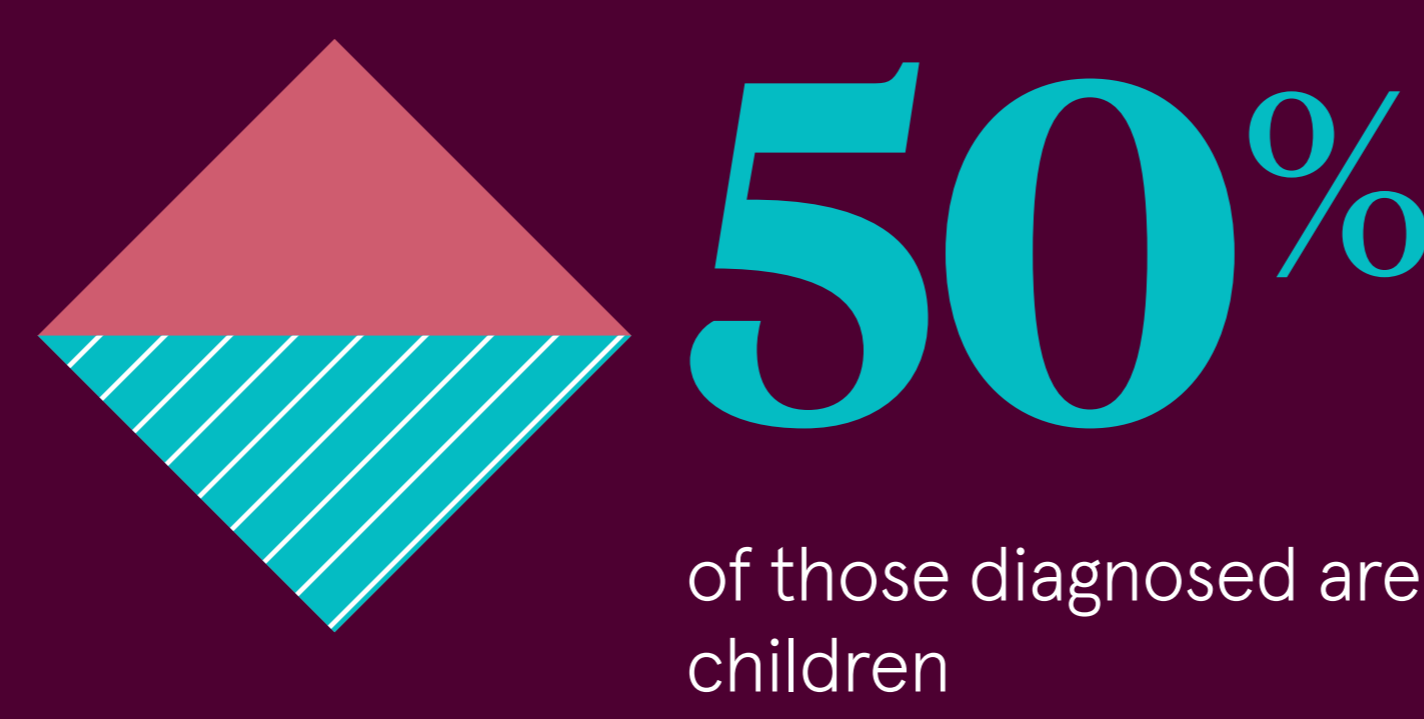
**350m**

people worldwide suffer from a rare disease

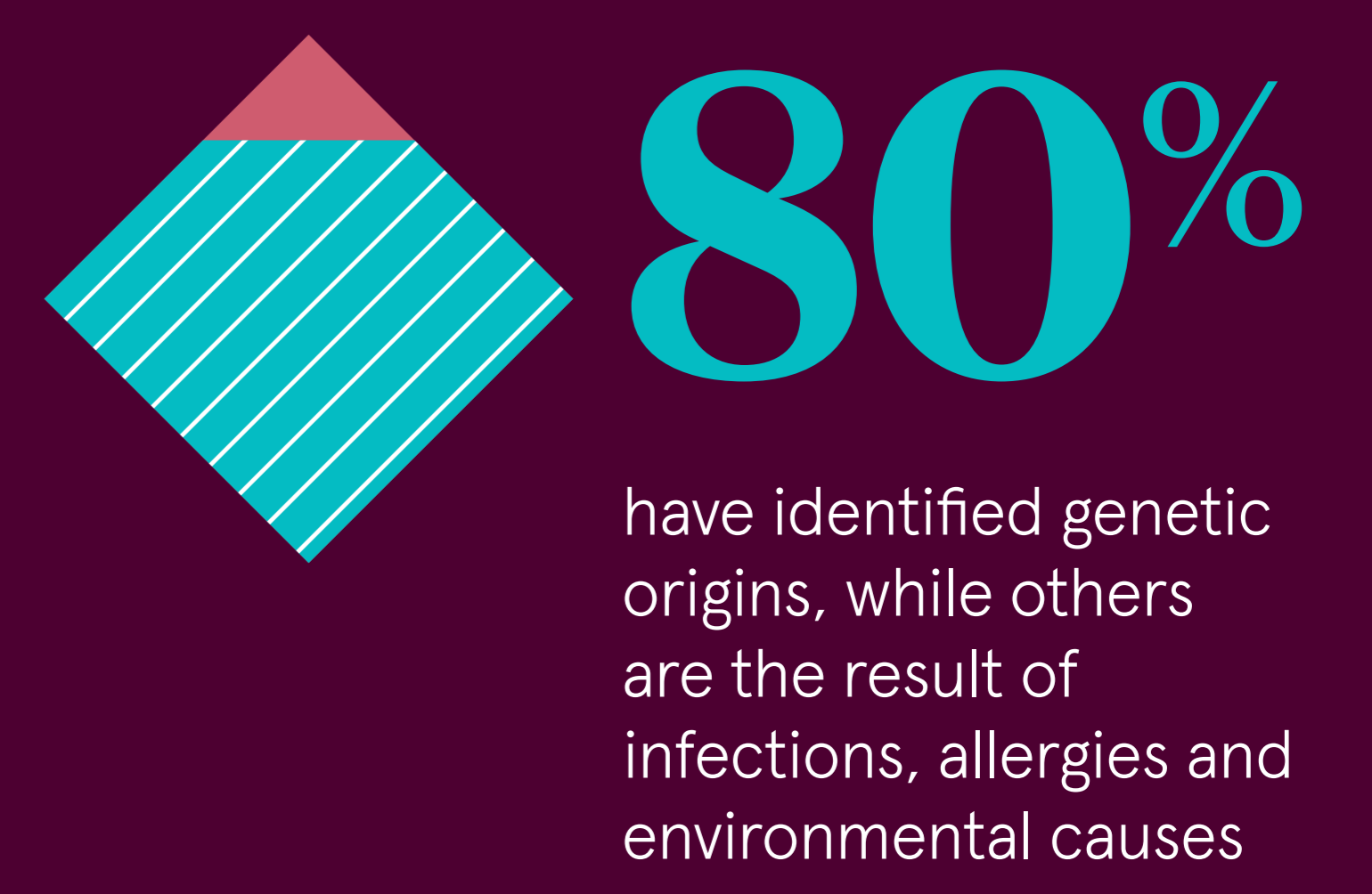
Global Genes 2019



Pugatch 2019



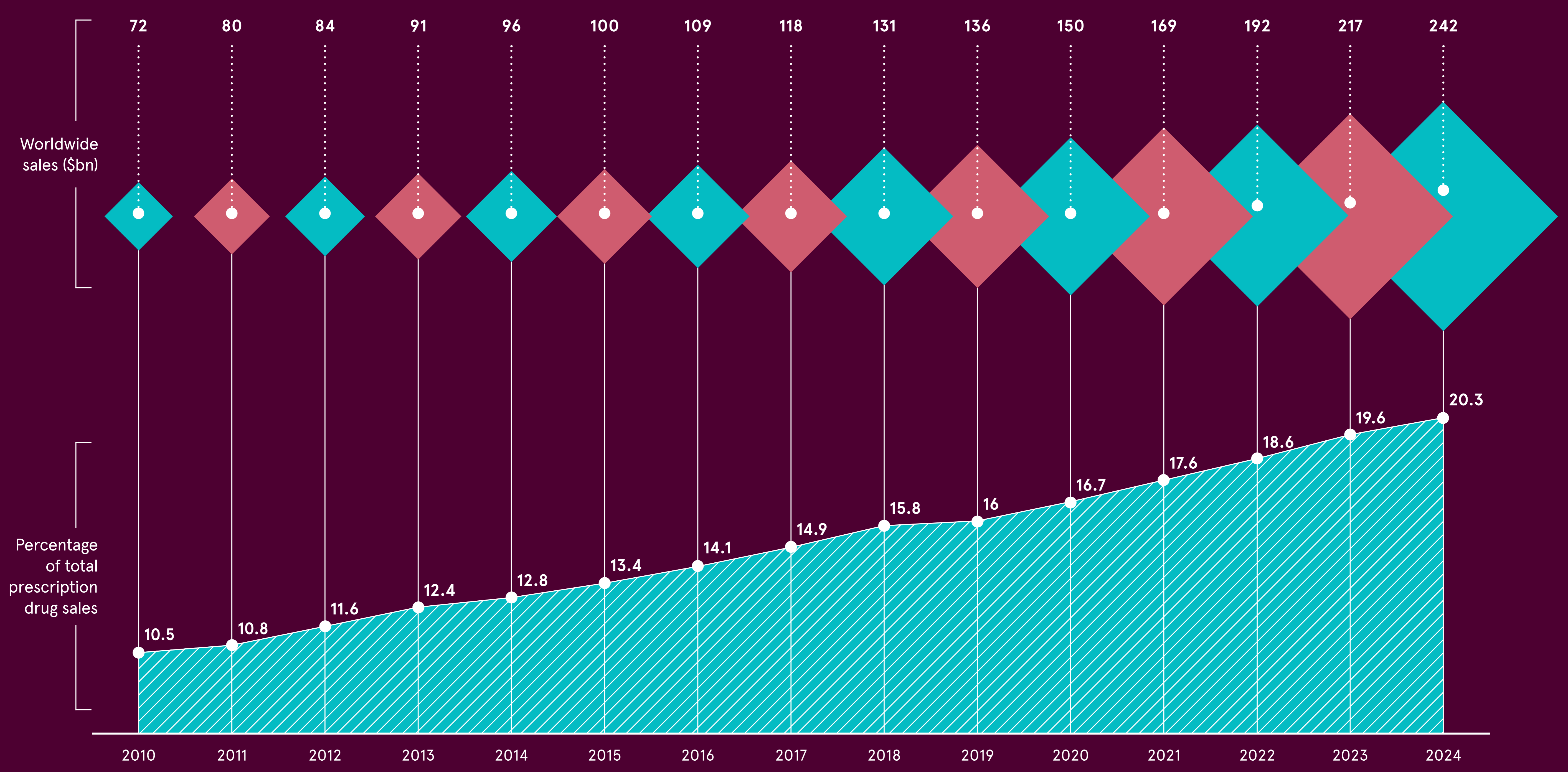
Rare Diseases Europe 2019



Rare Diseases Europe 2019

### ORPHAN DRUG SALES FORECAST

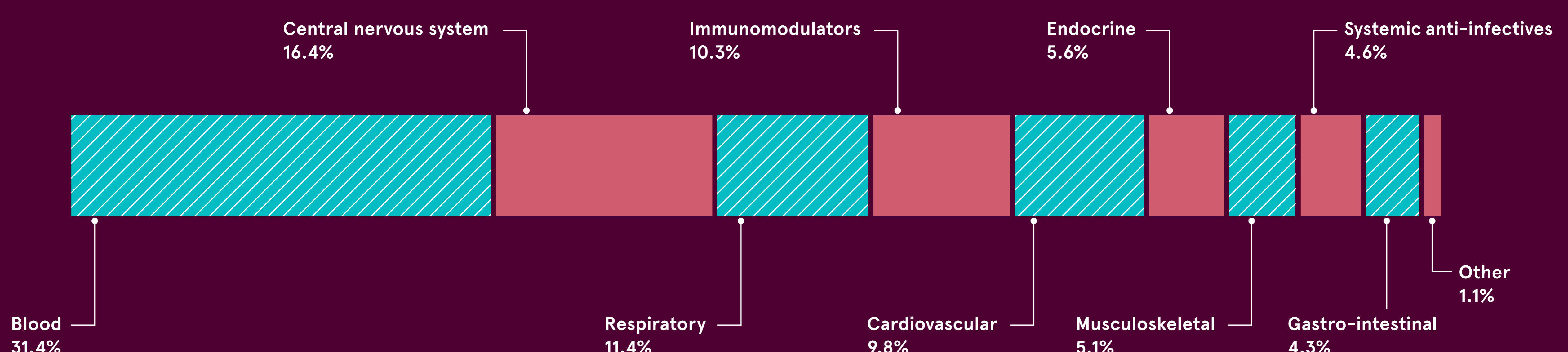
Orphan drugs are commercially undeveloped pharmaceuticals intended to treat diseases considered too rare for traditional research and development



EvaluatePharma 2019

### ORPHAN DRUG SALES BY THERAPEUTIC CATEGORY

Global non-oncology orphan drug sales in 2018



EvaluatePharma 2019