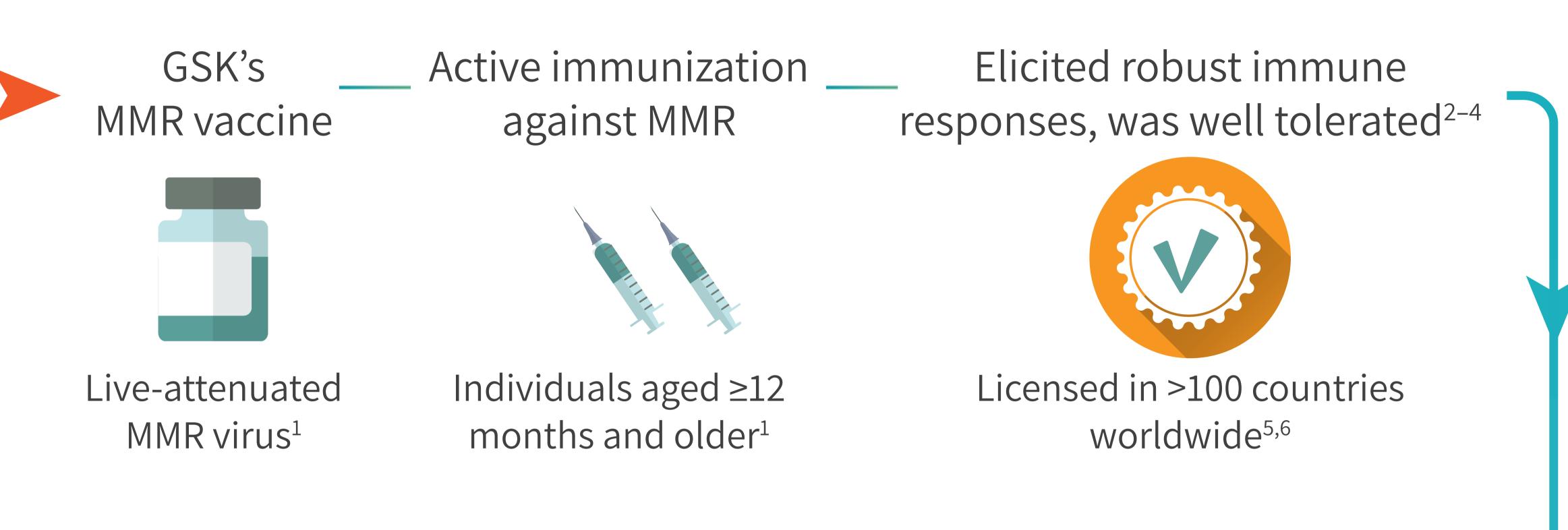
A report of the postmarketing spontaneous safety data over 24 years for GSK's measles-mumps-rubella (MMR) vaccine

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Background





Monitoring the vaccine's real-world safety profile in the general population continues, and rapid collection of data on its real-world use is a strength of passive safety surveillance.

Objectives

We provide an overview of the postmarketing spontaneous safety data over 24 years for GSK's MMR vaccine.

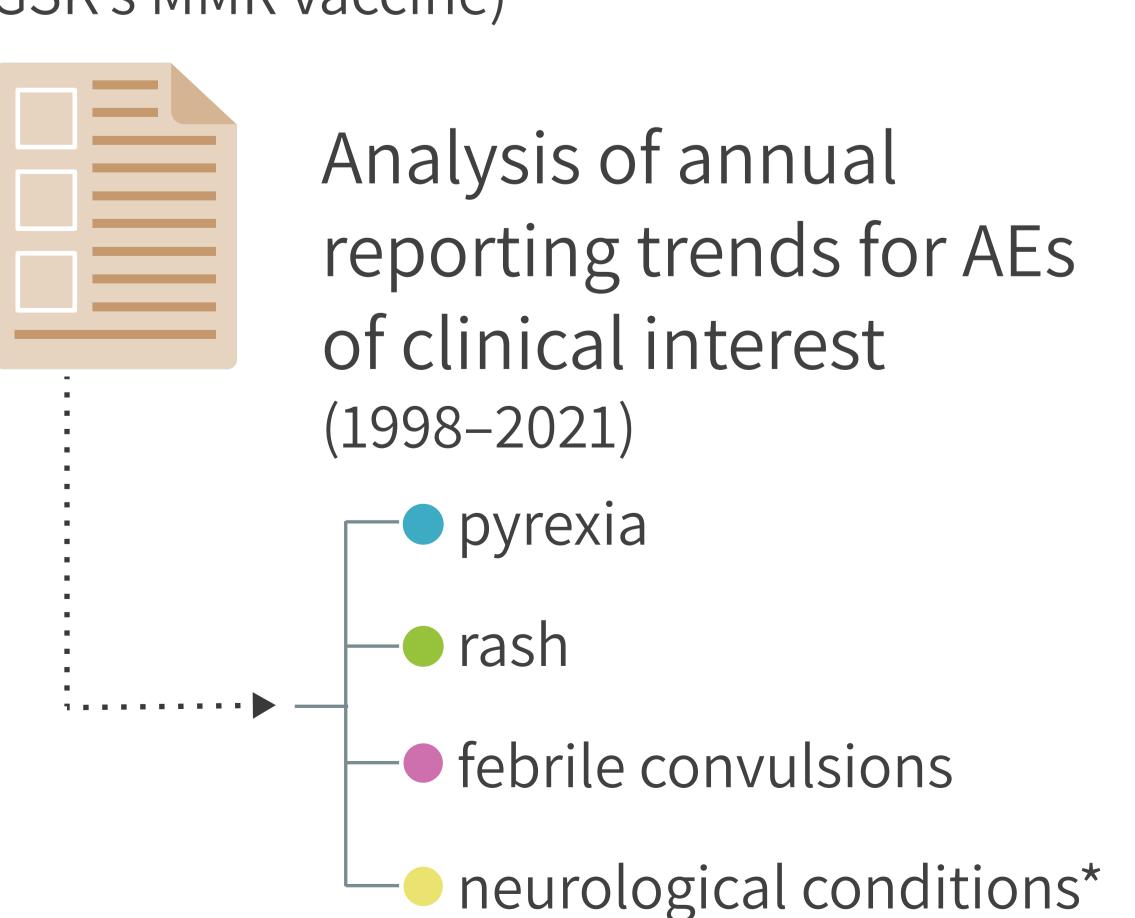
Methods

GSK Global Safety Database (4 Dec 1997–1 Mar 2022)



Patient exposure was estimated by number of DD.

Spontaneous AE reports (following vaccination with GSK's MMR vaccine)



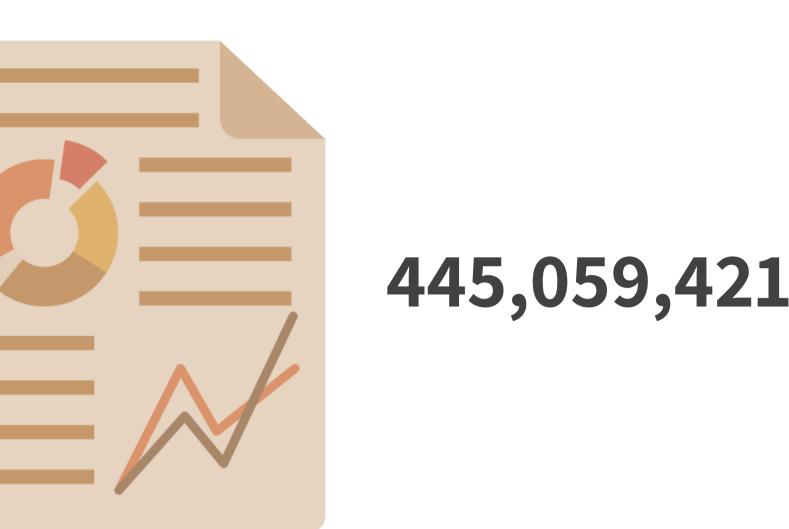
AE, adverse event; **DD**, doses distributed. *encephalitis and/or panencephalitis and/or meningitis and/or meningism; meningism, clinical syndrome of headache, neck stiffness, and photophobia, often with nausea and vomiting.

Results

DD and spontaneous AE reports retrieved (4 Dec 1997–1 Mar 2022)

Reporting rate:

6.63 cases reported/100,000 DD



an increasing trend over time.

29,504 445,059,421 DD Spontaneous

66.24% **AE reports**

29,504

Seriousness of spontaneous AEs

reported cumulatively

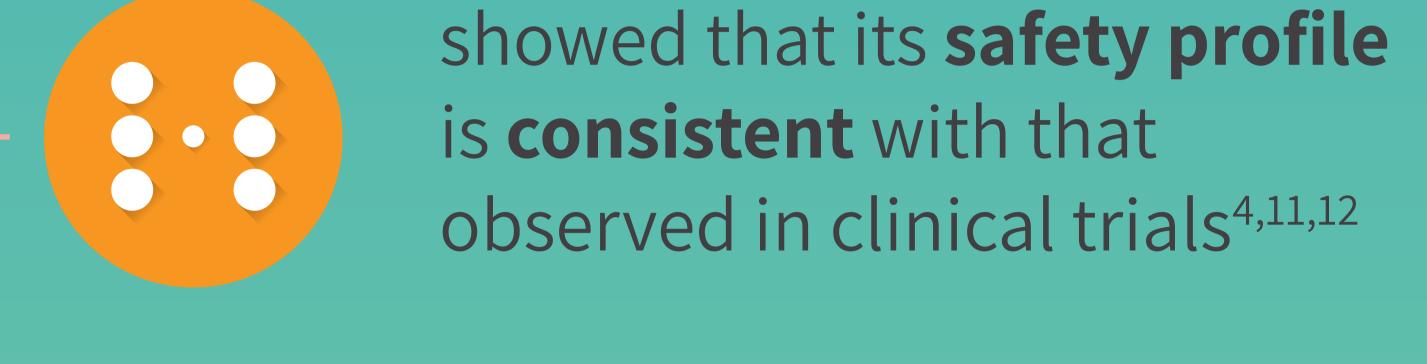
33.76% Serious

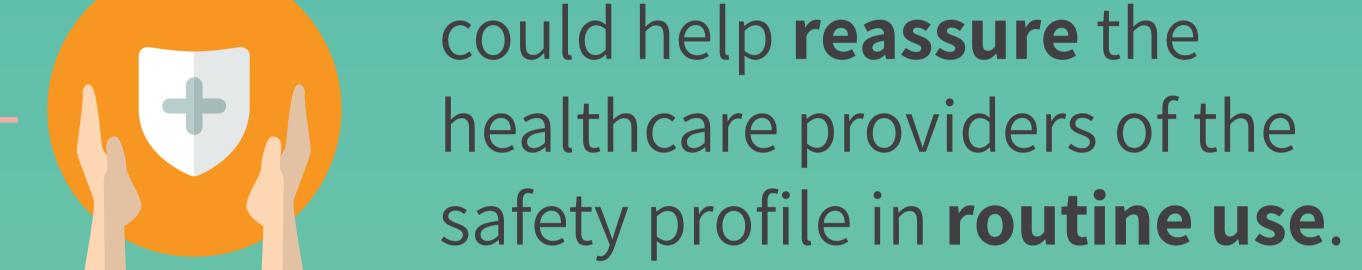


Interactive version available



Post-licensure experience from spontaneous AE reporting for GSK's MMR vaccine







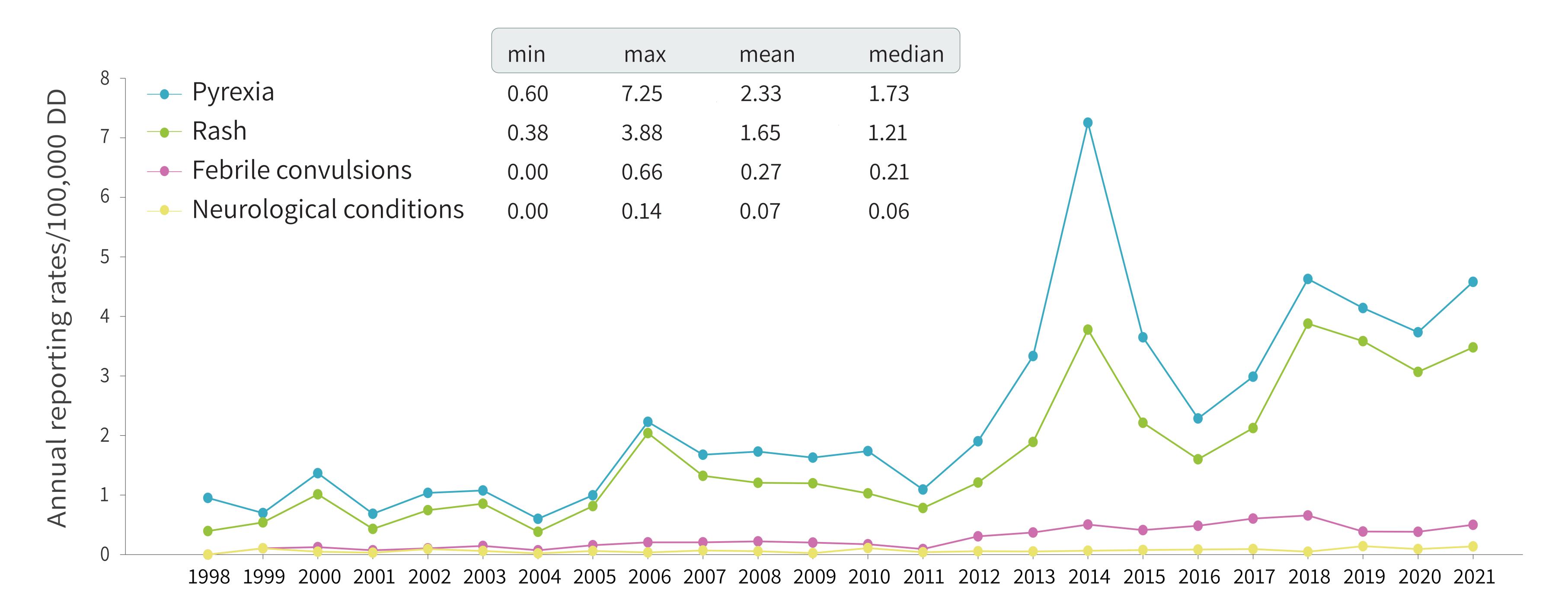
Conclusion

GSK continues monitoring the safety of its MMR vaccine worldwide.

Spontaneous AEs reported over 24 years (1998–2021), following vaccination with GSK's MMR vaccine

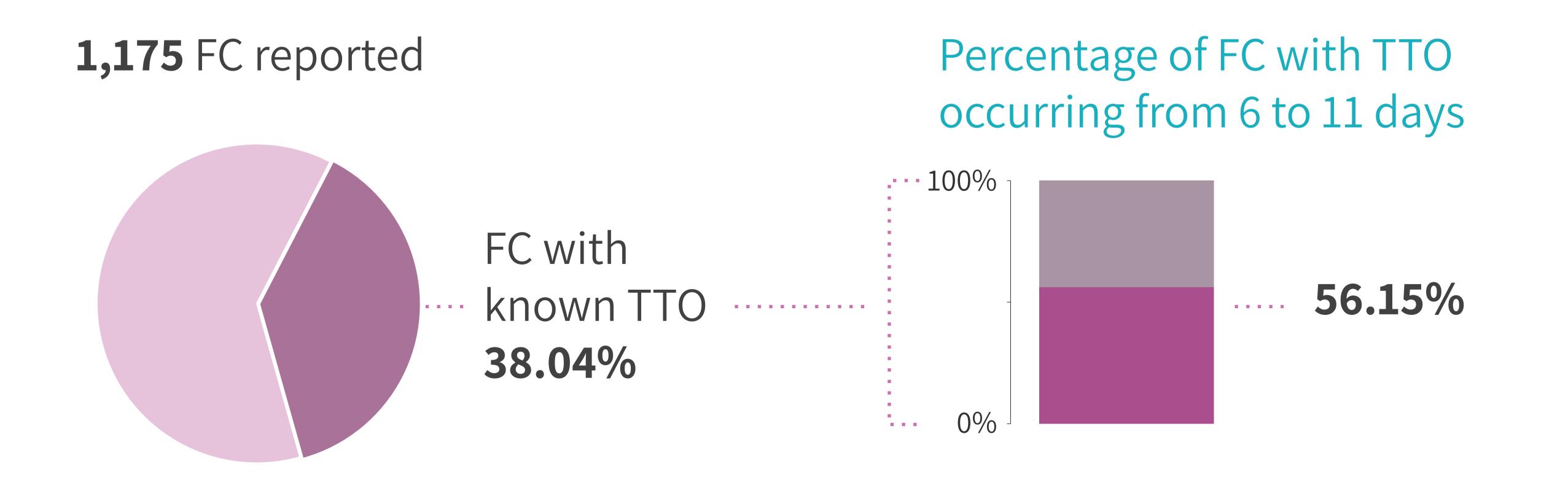
For the period analyzed, pyrexia, rash and febrile convulsions were amongst the frequently reported AEs

following vaccination with GSK's MMR vaccine. The reporting rate for neurological conditions did not show



Note: Between Dec 2013–Apr 2015, a large number of AE notifications for several vaccines were received from one country's pharmacovigilance website, which is managed by their regulatory authority. This increased reporting was due to their initiative to improve information about vaccine safety with the aim of encouraging AE reporting by both physicians and patients. These reports did not constitute a safety concern.

Febrile convulsions. More than half of the reports of FC with known TTO, occurred from 6 to 11 days following MMR vaccination, aligned to several published articles.^{7–10}



FC, febrile convulsions; TTO, time to onset.