

Q Nathnac Public Health NaTHNaC and Yellow Fever Checklist: yellow fever vaccing Key Service Areas: Yellow fever vaccination programme Education • Communication and information services • International health surveillance • Partnerships and collaboration • · Advisory services including clinical advice line TRAVE HEALTH FEVER PRO 0 NaTHNaC

NaTHNaC Pre-Travel Health Advice Line

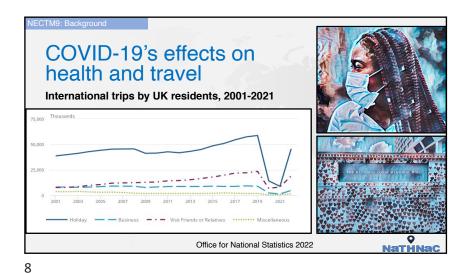
- Supporting Health Professionals in the UK.
- Staffed by Travel Nurse Specialist Advisors.
- Supplementing information at Travel Health Pro and Yellow Fever Zone websites.
- For complex travellers and complex itineraries.
- 3,000-6,000 calls a year.











NECTM9: Current Investigation

Research to improve the advice service



- Effective pre-travel advice depends on an understanding of the needs of providers and travellers.
- Both the 2019 national guidance and the COVID-19 pandemic have impacted practice.
- To improve advice services, we asked how yellow fever queries to the advice line have changed.

IECTM9: Current Investigation

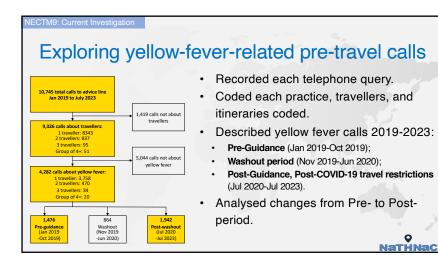
Exploring yellow-fever-related pre-travel calls



- Recorded each telephone query.
- Coded each call's purpose, setting, travellers, and itinerary.
- Described yellow fever calls 2019-2023:
- Pre-Guidance (Jan 2019-Oct 2019);
- Washout period (Nov 2019-Jun 2020);
- Post-Guidance, Post-COVID-19 travel restrictions
 (Jul 2020-Jul 2023).

Nathn

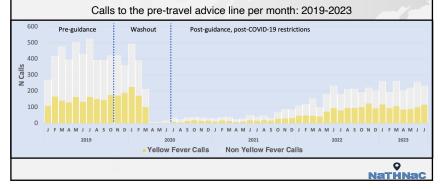
Analysed changes from Pre- to Postperiod.

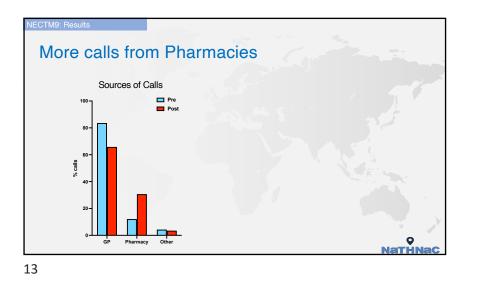


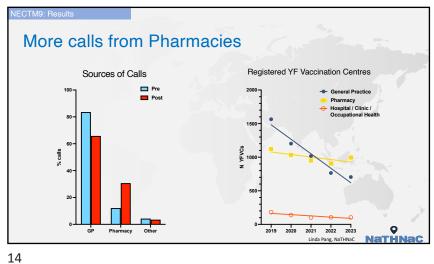
NECTM9: Results

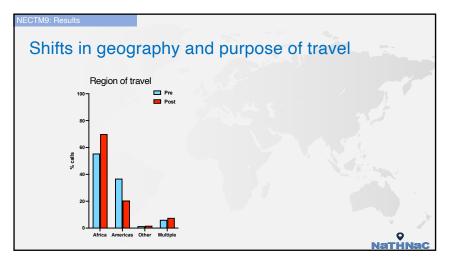
10

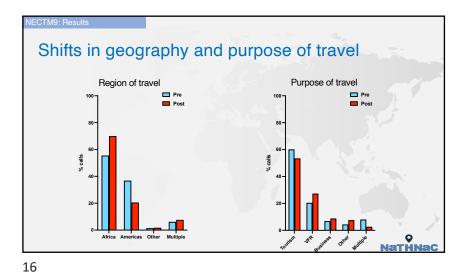
Dramatic shifts in demand through the Pandemic

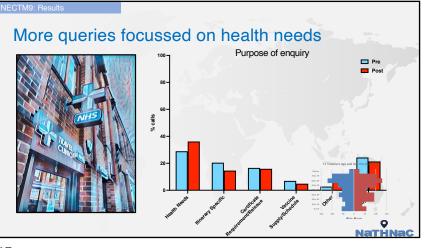


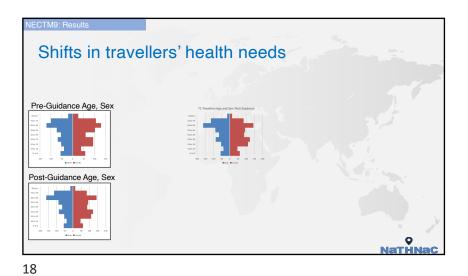


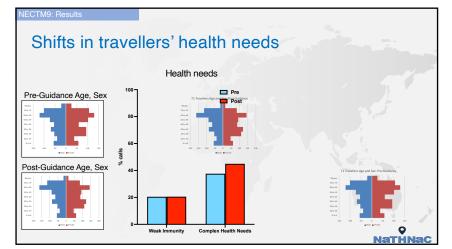


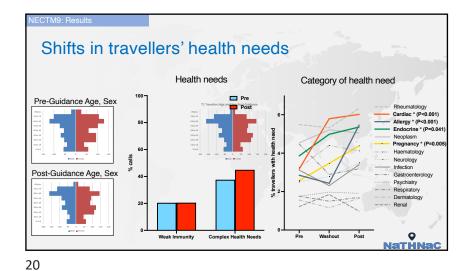


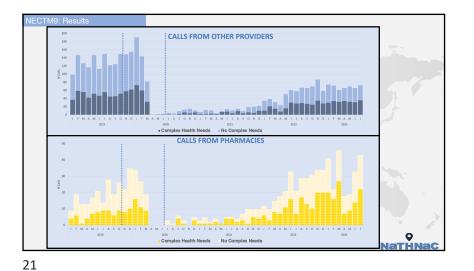












More calls relate to complex health needs						
Time Devied	Complex health	No complex health	Crude	Stratum- Specific		
Time Period	needs	needs	OR	Adjusted OR*	(95% CI)	P-value
Calls from Pharmacies						
Pre-Guidance	63	116	1.0	1.0		
Post-Guidance	290	303	1.8	2.0	(1.4-2.9)	<0.001
Calls from Other Providers						
Pre-Guidance	492	805	1.0	1.0		
Post-Guidance	581	759	1.3	1.3	(1.1-1.5)	0.014
'Adjusting for region and purpose of travel, immunosuppression, and YFVC status						

22

IECTM9: Conclusions

Meeting the changing needs of callers and travellers

- More advice line calls are from pharmacies.
- Most YF Vaccination Centres are now pharmacies.
- The likelihood that a call relates to a traveller's complex health needs has risen:
 - Doubled for pharmacies;
 - x1.3 for other providers.



ECTM9: Conclusions

Meeting the changing needs of callers and travellers

- Calls may not represent all travel health consultations.
 Simple queries fully addressed by guidance?
 Complex queries identified due to guidance?
 New practitioners unaware of advice line?
- · Effects of YF Guidance and effects of COVID-19 coincided: Some changes in travel practices may be temporary.
 Some may mark long-term shifts in practice.
- · Suggests a need for outreach to pharmacy providers for further research, engagement, and support.





