

National Typhoid and Paratyphoid Fever Surveillance (NTPFS) - Data Dictionary



Please transmit all records of culture-confirmed symptomatic infections of *Salmonella* serotypes Typhi, Paratyphi A, Paratyphi B (tartrate negative)¹, and Paratyphi C. The data dictionary defined below describes the variables and the corresponding values expected. For assistance, please contact edebresponse@cdc.gov. Thank you for your assistance.

Variable Name	Data Type	Description	Accepted values
stateepi	integer or character	State health department case ID	
slabsid	integer or character	State public health lab isolate ID	
slabsid2	integer or character	State public health lab isolate ID 2 (if more than one isolate associated with case)	
state	character	Reporting state	Two letter abbreviation (or three if NYS or NYC)
name	character	First three letters of patient's last name	
dob	date	Date of birth	MM/DD/YYYY
age	integer	Age (in years)	
sex	integer	Sex	1 = Male, 2 = Female, 3 = Other, 9 = Unknown
foodhand	integer	Work as foodhandler?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
citizen	character	Citizenship	
othcitzn	character	Specify citizenship (if not in country list)	
ill	integer	Symptomatic with enteric fever	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
dtonset	date	Date of symptom onset	MM/DD/YYYY
hosp	integer	Hospitalized?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
hospdays	integer	Days hospitalized	
outcome	integer	Outcome of case	1 = Recovered, 2 = Died, 9 = Unknown
dtisol	date	Date of specimen collection	MM/DD/YYYY
site	integer	Sites of isolation	1 = Blood, 2 = Stool, 4 = Gallbladder, 5 = Urine, 6 = Other, 9 = Unknown
othsite	character	If site of isolation is "other", please specify	
serotype	character	Serotype	Typhi, Paratyphi A, Paratyphi B, Paratyphi C
sensi	integer	Was antimicrobial sensitivity testing done at state PHL?	1 = Yes, 2 = No, 9 = Unknown
ampr	integer	Resistant to ampicillin?	1 = Yes, 2 = No, 7 = Not Tested, 9 = Unknown
chloir	integer	Resistant to chloramphenicol?	1 = Yes, 2 = No, 7 = Not Tested, 9 = Unknown
tmprmxr	integer	Resistant to trimethoprim-sulfamethoxazole?	1 = Yes, 2 = No, 7 = Not Tested, 9 = Unknown

¹ Two distinct pathotypes of Paratyphi B are recognized; one is associated with paratyphoid fever and the other is associated with uncomplicated gastroenteritis. The two pathotypes are differentiated based on the ability to ferment tartrate. The paratyphoid pathotype is unable to ferment tartrate and is designated serotype Paratyphi B; the nonparatyphoid pathotype ferments tartrate and is designated serotype Paratyphi B var. L (+) tartrate+. Only those isolates laboratory confirmed as not able to ferment tartrate are requested.

Variable Name	Data Type	Description	Accepted values
quinol	integer	Resistant to fluoroquinolone?	1 = Yes, 2 = No, 7 = Not Tested, 9 = Unknown
outbreak	integer	Did case occur as part of outbreak (either domestically or abroad)?	1 = Yes, 2 = No, 9 = Unknown
vac5yr	integer	Vaccinated within the last 5 years?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
stanvax	integer	Standard killed typhoid shot	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
yrstanvax	integer	Year of standard killed typhoid shot	YYYY
ty21vax	integer	Oral Ty21a or Vivotif (four pill series)	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
yrty21	integer	Year of Oral Ty21a or Vivotif four pill series received	YYYY
vicps	integer	VICPS or TyphimVI injection	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
yrvicps	integer	Year VICPS or TyphimVI injection received	YYYY
outus	integer	Travel outside of US in 30 days prior to illness onset?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
country1	character	First country visited (in chronological order)	
country2	character	Second country visited (in chronological order)	
country3	character	Third country visited (in chronological order)	
country4	character	Fourth country visited (in chronological order)	
country1oth	character	Specify first location visited (if not in country list)	
country2oth	character	Specify second location visited (if not in country list)	
country3oth	character	Specify third location visited (if not in country list)	
country4oth	character	Specify fourth location visited (if not in country list)	
dtentus	date	Date of most recent return or entry in the US	MM/DD/YYYY
business	integer	Business is purpose of international travel	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
tourism	integer	Tourism is purpose of international travel	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
visitfam	integer	Visiting relatives and/or friends is purpose of international travel	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
immigrat	integer	Immigration to the US is purpose of international travel	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
othtrav	integer	Other travel is purpose of international travel	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
travreas	character	Reason for other travel	
anycarr	integer	Case traced to asymptomatic carrier?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
prevcarr	integer	Carrier previously known to health department?	1 = Yes, 2 = No, 3 = Didn't answer, 9 = Unknown
comment	character	Comments	Additional relevant information
dtform	date	Date health department completed form	MM/DD/YYYY