

**South East Regional
Summary of CYP MH
Completeness of
patient ethnicity data**

November 2020



Housekeeping

- This webinar is a live event, therefore you will be on mute unless you're a designated speaker.
- The webinar will be recorded and sent to participants after the event.
- Please use the chat function to ask any questions and for discussion. We will cover as many questions as possible during the Q and A section.
- Any questions we aren't able to answer in the session, we'll follow up separately.
- We would really appreciate you taking the time to complete the following survey following the webinar, to both give feedback on the webinar and highlight future support/webinar requests
- <https://forms.office.com/Pages/ResponsePage.aspx?id=kp4VA8ZyI0umSq9Q55Ctv7cdnlwcdx1Es4CKM3PfBeRUNIBNUzIOTEQ2QjZBWIAyVVNORjJMS1BXRC4u>

Agenda



Time	Item	Lead
13.00pm	Welcome and Introductions : Kerry Clarke , SE Regional CYP Mental Health Development and Improvement Manager.	
13.10pm	National Data Update: MHSDS Patient Characteristics Data Quality Deep Dive	Silvia Davey Senior Project Manager Data Quality
13.25pm	SE Regional Update on Patient Characteristics	Nick Gitsham Mental Health System Improvement Advisor NHSE England and NHSE Improvement.
13.40pm	Check in with Each Systems	Round Systems Discussion.
14.00pm	Session ends: Next session	

We are all familiar with population data attached to inequality and the higher risk of mental ill health for groups of CYP within different protected characteristic group - data completeness is a tool and part of the suite of resources for **service improvement**.

Listening to CYP: In our recent Inequalities workshop - Our Children and Young People from our Communities of Colour and Rainbow Communities report how impact of stigma and how hard it was for them to access services.

Data completeness enables providers to match their reach with the population health evidence and be able to target an approach to **improve access** for the identified groups.

In recent monitoring discussions where there was a disproportionate level of data reporting attached to not known / not stated – it enabled a discussion on whether **the question was asked**.

Recent Suicide findings identified there was key system intelligence missing with regards to Equality and Diversity. Without this data postvention support to families / others was affected. Again - **is the question asked**.

When we know if the questions are asked – we can look at workforce development opportunities.

With a complete picture of the CYP - **the lens of work** from prevention or treatment perspective is much more likely to be successful.

Data completeness leads to better outcomes for our CYP.



MHSDS Patient Characteristics Data Quality Deep Dive

September 2020

Overview of MHSDS

- The MHSDS is a **patient level, secondary uses data set**.
- It covers not only Mental Health Services provided in **hospitals, but also in outpatient clinics and in the community**, where many people in contact with these services are treated.
- MHSDS brings together key information from **Adult and Children's mental health, learning disabilities or autism spectrum disorder, CYP-IAPT and early intervention care pathway** that has been captured on clinical systems as part of patient care.
- MHSDS doesn't include mental health, learning disabilities, and autism spectrum disorder services provided only at a primary care level (such as within general practices or adult IAPT).
- **MHSDS statistics offer a comprehensive national picture of the use of specialist mental health, learning disabilities or autism spectrum disorder services in England**, and can be used by policy makers, commissioners, mental health service users, and members of the public, for:
 - research
 - service planning
 - inspection and regulation
 - monitoring government policies and legislation
 - local and national performance management and benchmarking
 - national reporting and analysis

Overview of analysis

This analysis aims to understand the completion and quality of MHSDS fields related to patient characteristics. These are: age, disability, gender, marriage/civil partnership, ethnicity, religion/belief, sexual orientation, deprivation, accommodation status, looked after child status, and ex-British armed forces status.

Completion of these fields across the MHSDS has been analysed for records submitted in 2019-20 and has been assessed against:

- **Coverage:** the proportion of people with the relevant data item completed
- **Validity:** the proportion of people where the data item has been completed with a valid code, or other acceptable entry
- **Accuracy:** the proportion of people where the data item has been completed with a valid and *useful* code i.e. not marked as other/unknown

Results are shown as the overall proportion of complete, valid, accurate records as well as the number of individual providers scoring at least 95% on each of these DQ measures.

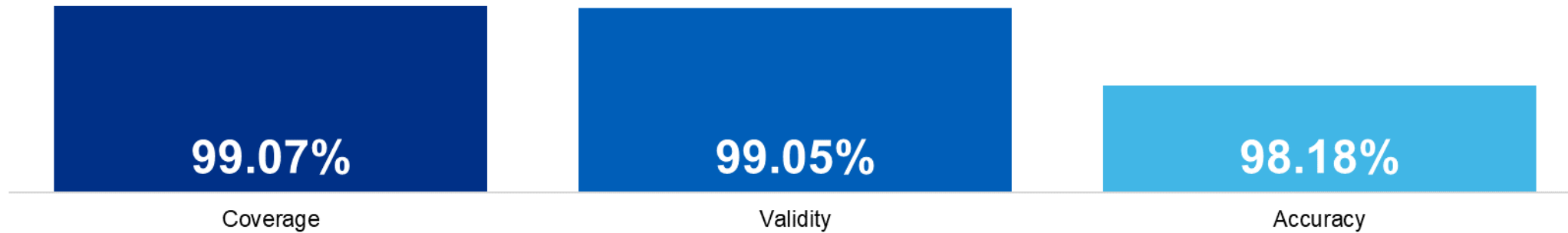
Gender



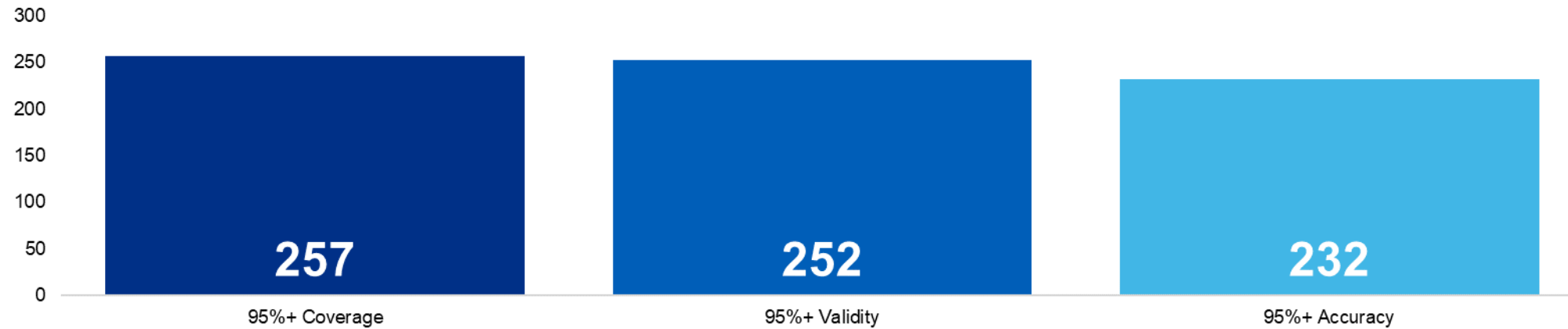
Data Item	MHSDS Table	Coverage	Validity		Accuracy
Person stated gender code	MHS001 Master Patient Index	Count of unique people where gender code is not null	Valid gender codes		Excluded inaccurate codes: <ul style="list-style-type: none"> • X – Not Known (PERSON STATED GENDER CODE not recorded)
			1	Male	
			2	Female	
			9	Indeterminate (unable to be classified as either male or female)	
			X	Not Known (PERSON STATED GENDER CODE not recorded)	

Gender

Overall completion



Number of providers scoring above 95%



Age



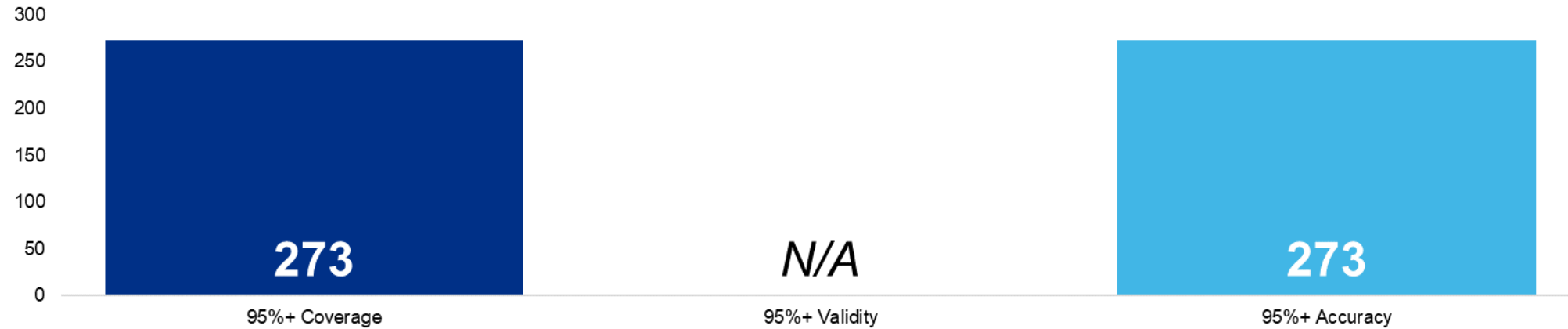
Data Item	MHSDS Table	Coverage	Validity	Accuracy
Age of patient at reporting period end (in lieu of patient DOB)	MHS001 Master Patient Index	Count of unique people where this data item is not null.	N/A – all entries have to be positive integers	<p>One known DQ issue with age is where a person's DOB is not entered correctly and defaults to '1900-01-01'. This means that they will have an age of around 120 years old.</p> <p>Therefore, any ages above 112 (age of current oldest person in the UK) have been counted as inaccurate.</p>

Age

Overall completion



Number of providers scoring above 95%

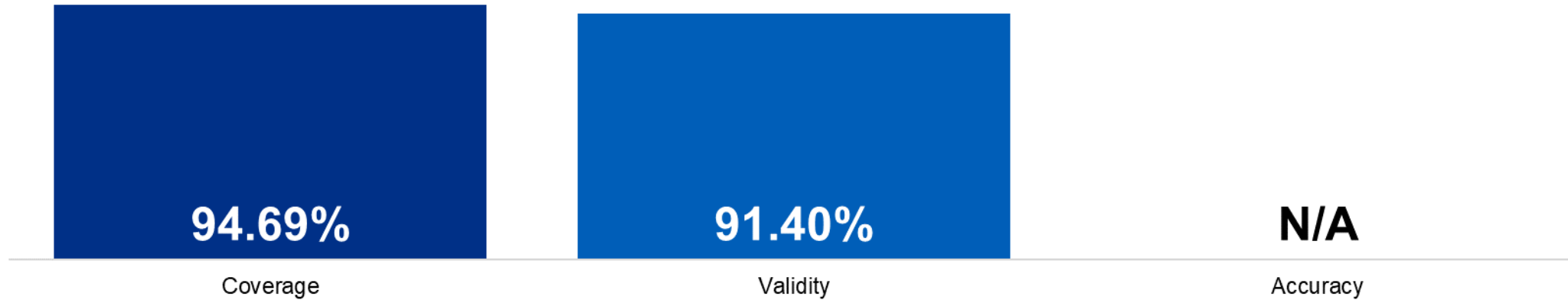


Deprivation

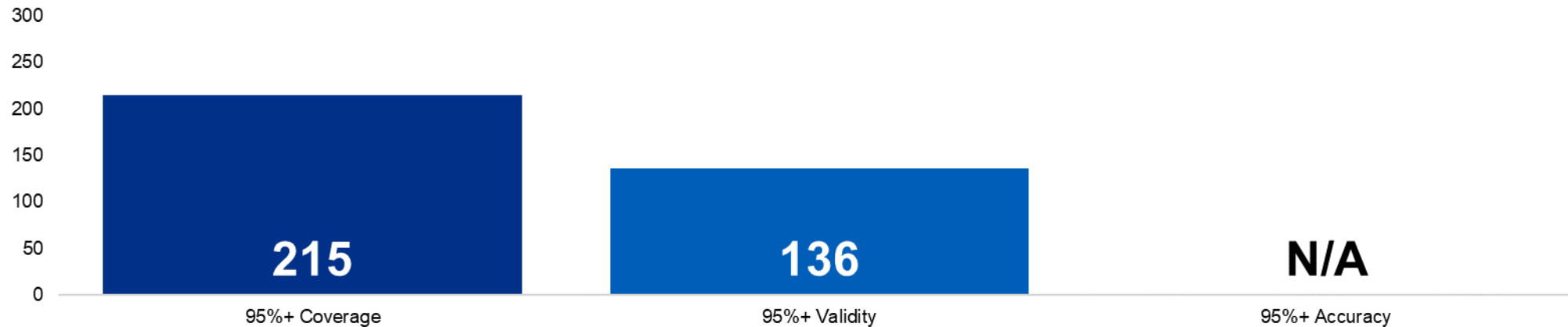
Data Item	MHSDS Table	Coverage	Validity	Accuracy
<p>Lower Super Output Area (Residence) 2011</p> <p>Deprivation measured based on where a person's LSOA is according to the English Indices of Multiple Deprivation.</p>	<p>MHS001 Master Patient Index</p>	<p>Count of distinct people on the MPI where LSOA code is not null.</p>	<p>Count of recognised LSOA codes.</p>	<p>Not applicable</p>

Deprivation / LSOA

Overall completion



Number of providers scoring above 95%



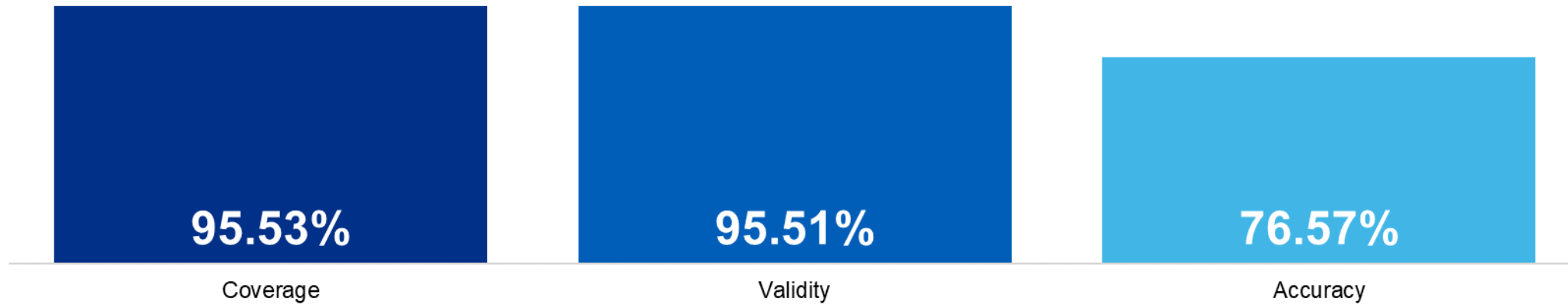
Ethnicity



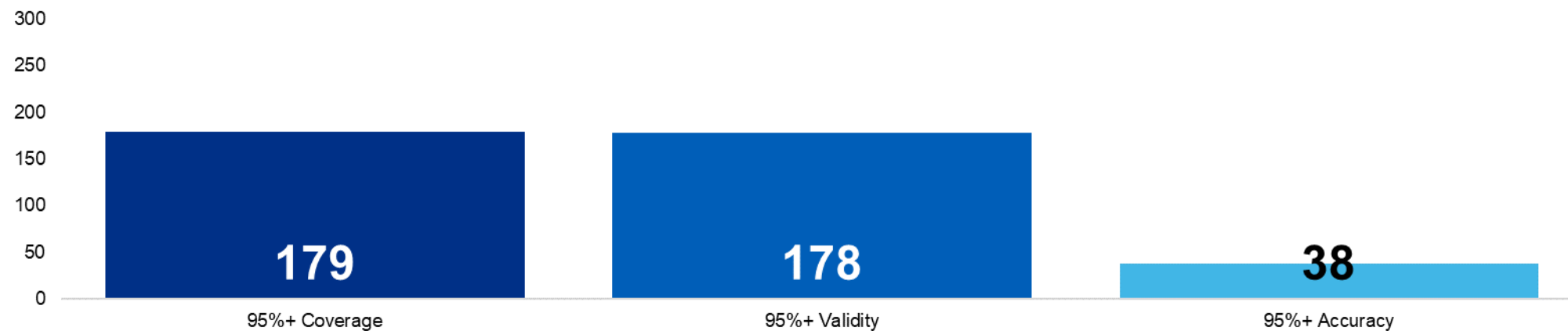
Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Ethnic Category	MHS001 Master Patient Index	Count of unique people where ethnic category is not null	Valid ethnic category codes		Excluded inaccurate codes: <ul style="list-style-type: none"> • Z – Not stated • 99 – Not known
			A	White British	
			B	White Irish	
			C	Any other White background	
			D	Mixed White and Black Caribbean	
			E	Mixed White and Black African	
			F	Mixed White and Asian	
			G	Any other mixed background	
			H	Asian, Indian	
			J	Asian, Pakistani	
			K	Asian, Bangladeshi	
			L	Any other Asian background	
			M	Black Caribbean	
			N	Black African	
			P	Any other Black Background	
			R	Chinese	
			S	Any other ethnic group	
Z	Not stated				
99	Not known				

Ethnicity

Overall completion



Number of providers scoring above 95%

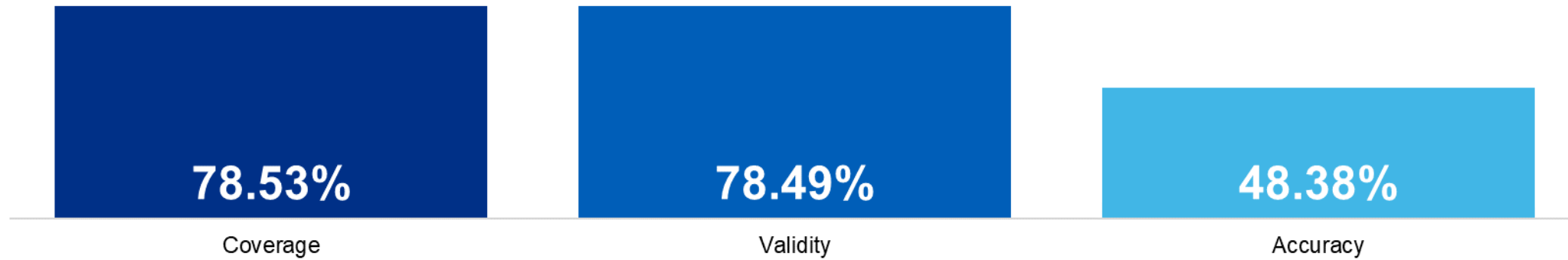


Marriage or Civil Partnership

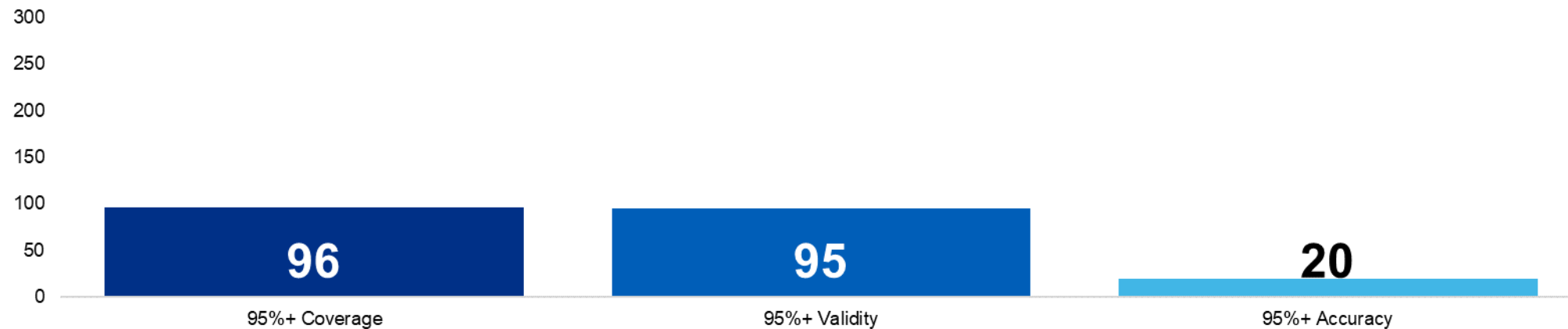
Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Person Marital Status	MHS001 Master Patient Index	Count of unique people where marital status is not null	Valid marital status codes		Excluded inaccurate codes: <ul style="list-style-type: none"> • N – not disclosed • 8 – Not applicable • 9 – Not known
			S	Single	
			M	Married/Civil Partner	
			D	Divorced/Person who Civil Partnership has been dissolved	
			W	Widowed/Surviving Civil Partner	
			P	Separated	
			N	Not disclosed	
			8	Not applicable, i.e. not a psychiatric episode	
			9	Not known	

Marriage or Civil Partnership

Overall completion



Number of providers scoring above 95%

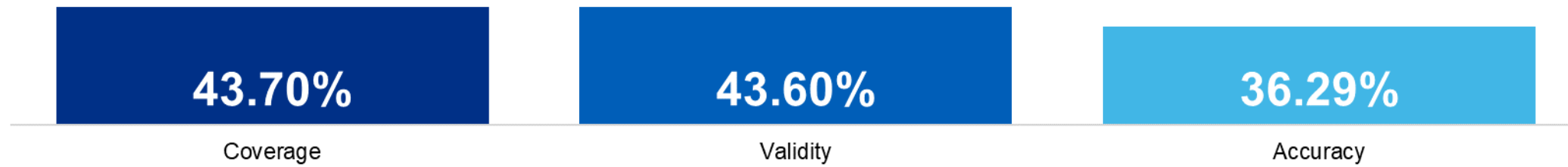


Accommodation Status

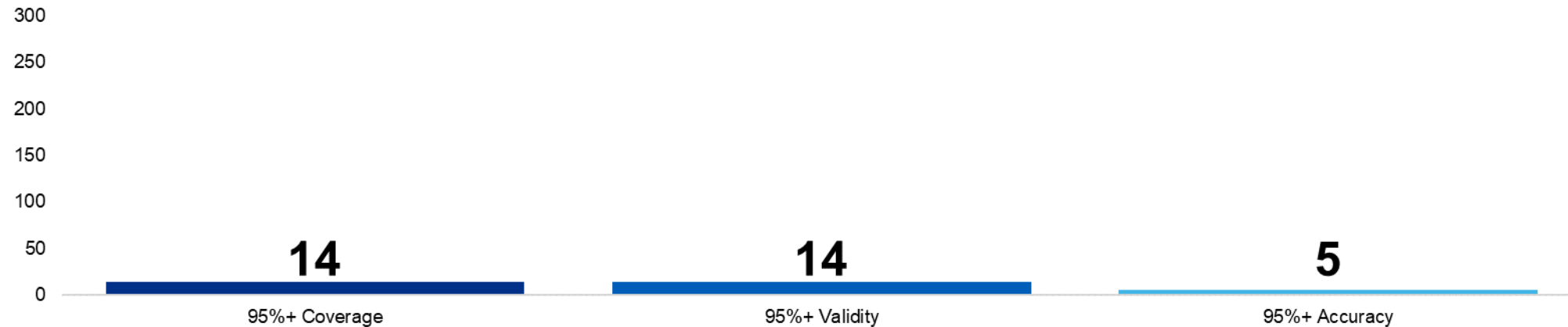
Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Accommodation Status Code	MHS003 Accommodation Status	Count of unique people in MPI where accommodation status is not null	Valid accommodation status codes (56 codes in total)	Excluded inaccurate codes: <ul style="list-style-type: none"> • OC96 – Not elsewhere specified • OC97 – Not specified • OC98 – Not applicable • OC99 – Not Known (Not Recorded) 	
			MA00-MA09		Mainstream Housing
			HM00-HM07		Homeless
			MH00-MH09		Accommodation with mental health care support
			HS00-HS09		Acute/long stay healthcare residential facility/hospital
			CH00-CH09		Accommodation with other (not specialist mental health care) support
			CJ00-CJ12		Accommodation with criminal justice support
			SH00-SH09		Sheltered Housing (accommodation with a scheme manager or warden living on the premises or nearby, contactable by an alarm system if necessary)
			ML00		Mobile accommodation
			OC96		Not elsewhere classified
			OC97		Not specified
			OC98		Not applicable
			OC99		Not Known (Not Recorded)

Accommodation Status

Overall completion



Number of providers scoring above 95%

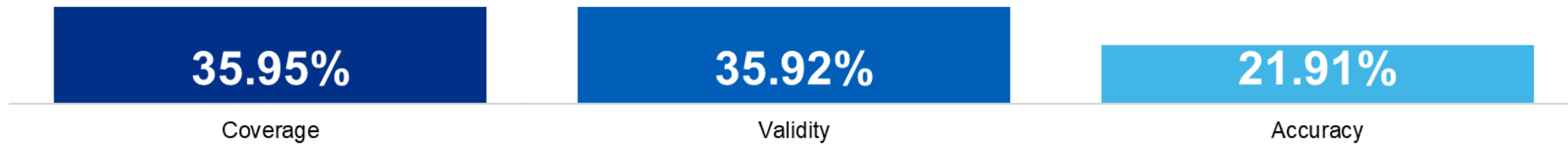


Looked After Child Status

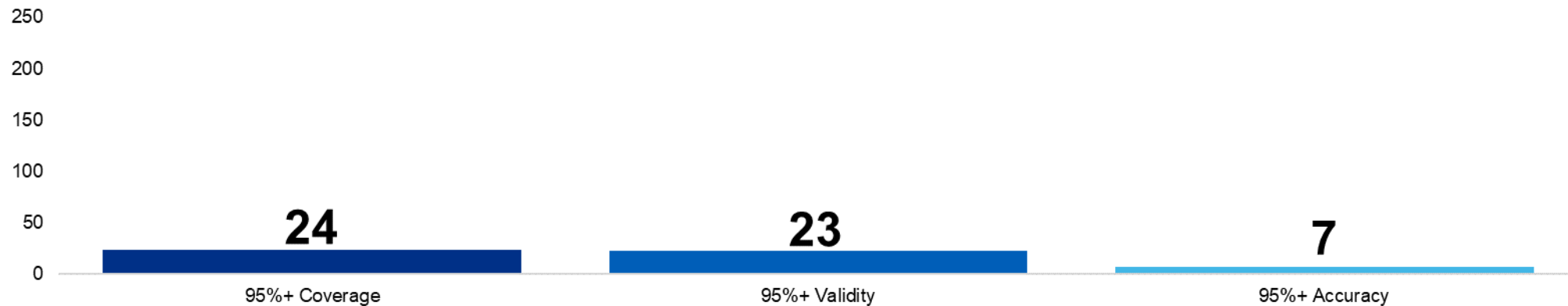
Data Item	MHSDS Table	Coverage	Validity		Accuracy
Looked After Child Indicator	MHS005 Patient Indicators	Count of distinct people on the MPI, where person age at the end of the reporting period is between 0 and 17, and where LAC indicator is not null.	Valid LAC indicator codes		Excluded inaccurate codes: <ul style="list-style-type: none"> • X – Not known if the PERSON is a Looked After Child
			Y	Yes (Is a Looked After Child)	
			N	No (Is not a Looked After Child)	
			X	Not known if the PERSON is a Looked After Child	

Looked After Child Status

Overall completion



Number of providers scoring above 95% (out of 272 providers with CYP)



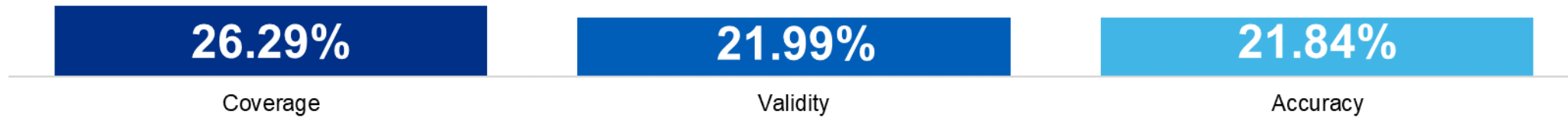
Religious or Other Belief System Affiliation

Data Item	MHSDS Table	Coverage	Validity	Accuracy
Social and personal circumstance (SNOMED CT)	MHS011 Social and Personal Circumstances	<p>Coverage of religious affiliation is not possible due to the way this table is structured.</p> <p>Will be measured as a count of distinct people on the MPI with at least one entry for Social and Personal Circumstance code, however this will be completion of either Sexual orientation or Religious or other belief system.</p>	<p>Valid religious affiliation codes are taken from one of two possible reference sets:</p> <ul style="list-style-type: none"> - Religious or other belief system affiliation group code - Religious or other belief system affiliation code <p>Taken together, these include 173 individual SNOMED codes which can be found here and here.</p>	<p>The following SNOMED codes have been excluded as 'inaccurate':</p> <ul style="list-style-type: none"> • 763896000 – Refusal to provide info about religion • 205081000000105 – Unknown religion

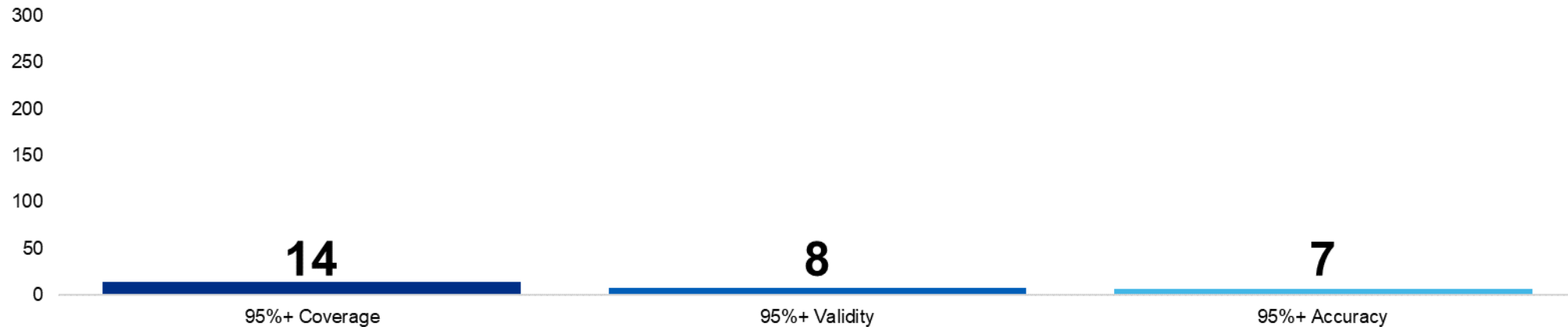
Religious or Other Belief System Affiliation

Overall completion

** Coverage not limited to religious affiliation*



Number of providers scoring above 95%

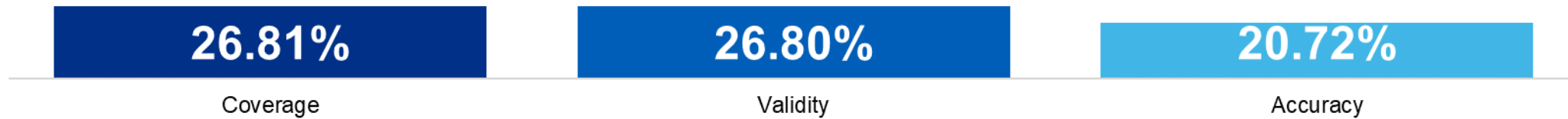


Ex-British Armed Forces

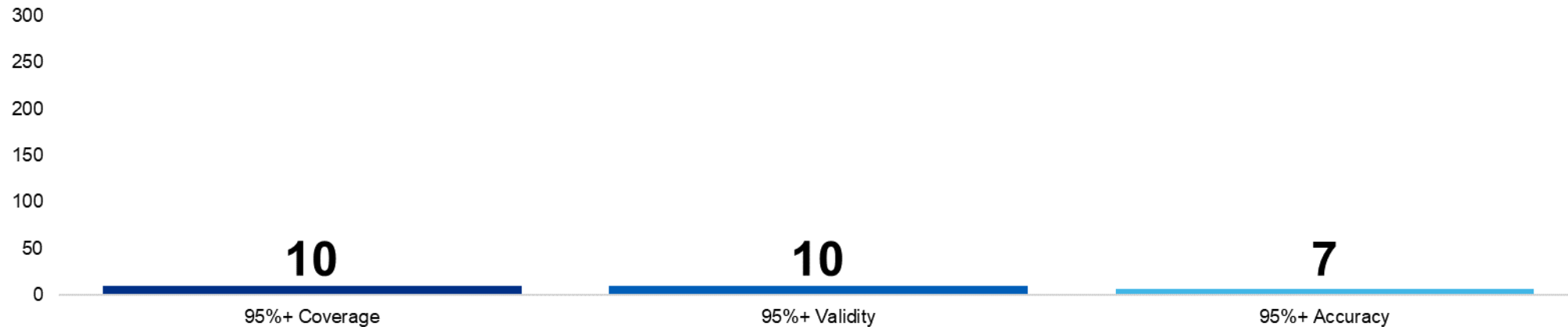
Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Ex-British Armed Forces Indicator	MHS005 Patient Indicators	Count of distinct people on the MPI where Ex-BAF indicator is not null.	Valid Ex-BAF codes:		Excluded inaccurate codes: <ul style="list-style-type: none"> • UU – Unknown (Person asked and does not know or is not sure) • ZZ – Not stated (Person asked but declined to provide a response)
			02	Ex-services member	
			03	Not an ex-services member or their dependent	
			05	Dependent of an ex-services member	
			UU	Unknown (Person asked and does not know or is not sure)	
			ZZ	Not stated (Person asked but declined to provide a response)	

Ex-British Armed Forces

Overall completion



Number of providers scoring above 95%



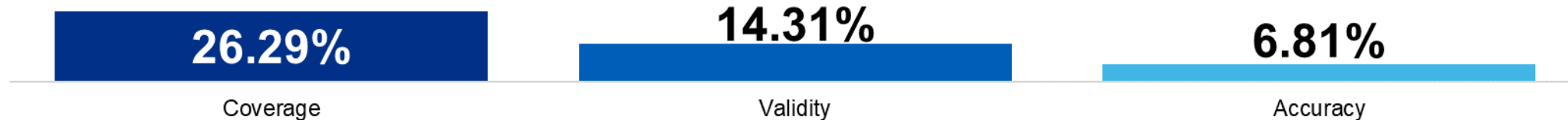
Sexual Orientation

Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Social and personal circumstance (SNOMED CT)	MHS011 Social and Personal Circumstances	<p>Coverage of sexual orientation is not possible due to the way this table is structured.</p> <p>Will be measured as a count of distinct people on the MPI with at least one entry for Social and Personal Circumstance code, however this will be completion of either Sexual orientation or Religious or other belief system.</p>	Valid sexual orientation codes, taken from relevant reference set in MHSDS user guide:	<p>The following SNOMED code has been excluded as 'inaccurate':</p> <ul style="list-style-type: none"> 440583007 – Sexual orientation unknown (finding) 	
			1064711000000108		Undecided about sexual orientation (finding)
			440583007		Sexual orientation unknown (finding)
			699042003		History of taking of sexual orientation declined (situation)
			20430005		Heterosexual (finding)
			42035005		Bisexual (finding)
			89217008		Female homosexual (finding)
			76102007		Male homosexual (finding)
			765288000		Sexually attracted to neither male nor female sex (finding)

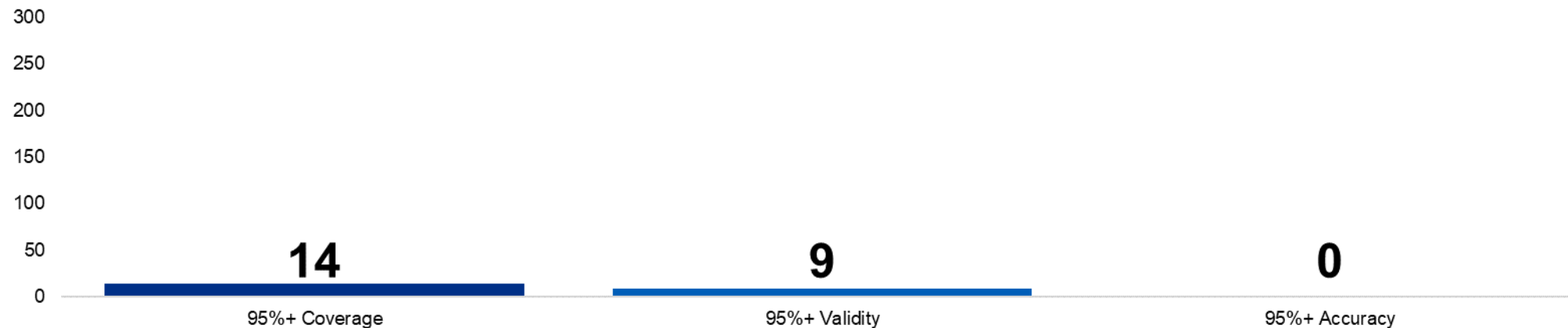
Sexual Orientation

Overall completion

** Coverage not limited to sexual orientation*



Number of providers scoring above 95%



Disability

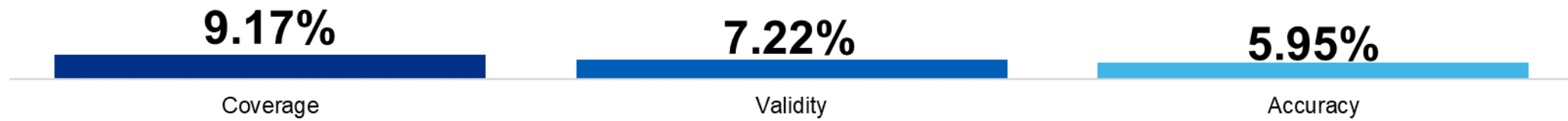


Data Item	MHSDS Table	Coverage	Validity	Accuracy	
Disability Code	MHS007 Disability Type	Count of unique people in MPI where this data item is not null.	Valid disability codes:		Excluded inaccurate codes: <ul style="list-style-type: none"> • XX – Other (not listed) • ZZ – Not stated (person asked but declined to provide a response)
			01	Behaviour and Emotional	
			02	Hearing	
			04	Memory or ability to concentrate	
			05	Mobility and Gross Motor	
			06	Perception of Physical danger	
			07	Personal, Self Care and Continence	
			08	Progressive Conditions and Physical Health (such as HIV, cancer, MS, fits etc.)	
			09	Sight	
			10	Speech	
			XX	Other (not listed)	
			NN	No disability	
			ZZ	Not stated (Person asked but declined to provide a response)	

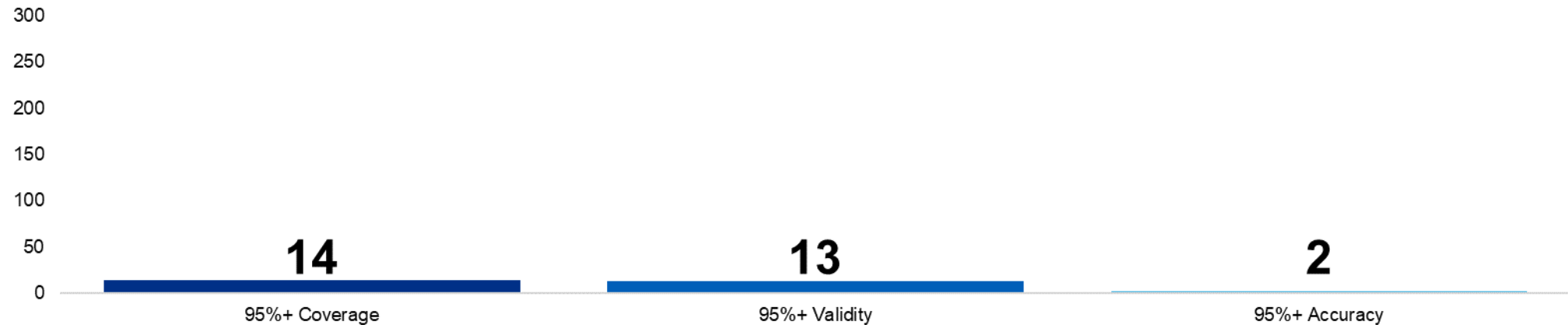
Disability



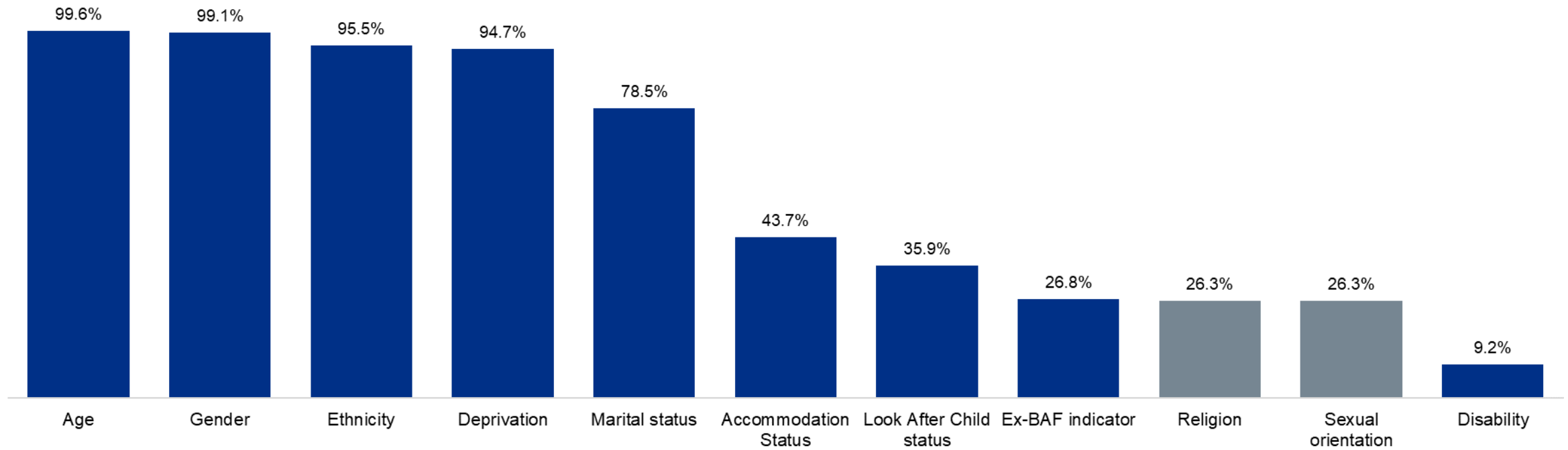
Overall completion



Number of providers scoring above 95%

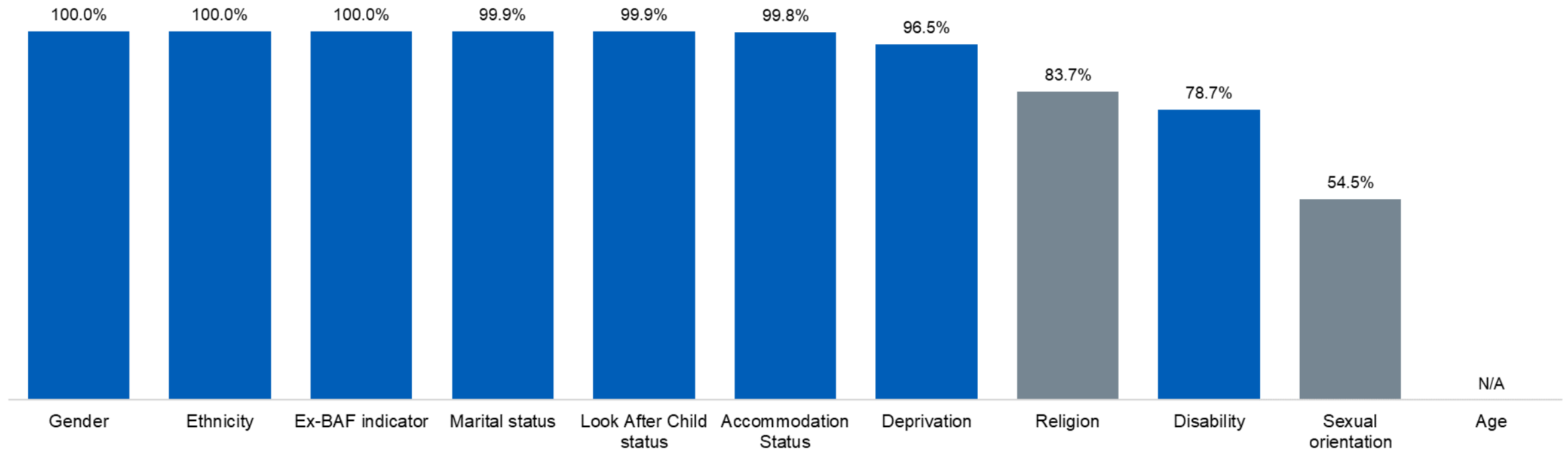


Comparison of measures: Coverage



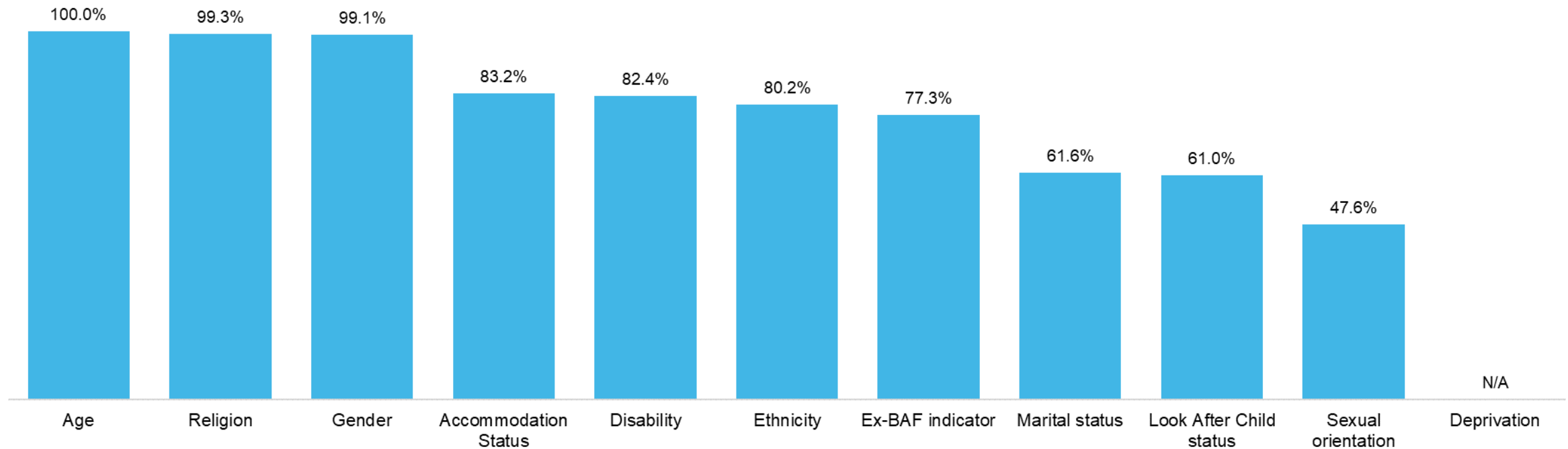
** Coverage not comparable for religion or sexual or orientation*

Comparison of measures: Validity (as a proportion of coverage)

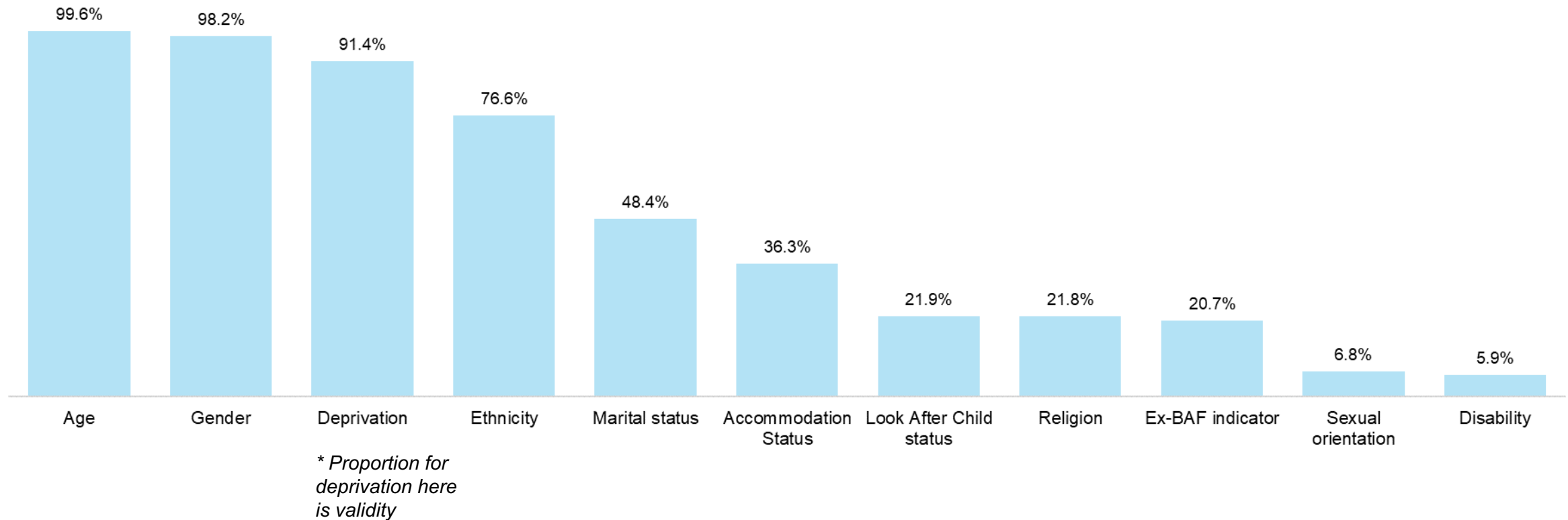


** Validity not comparable for religion or sexual or orientation*

Comparison of measures: Accuracy (as a proportion of valid records)



Comparison of measures: Accuracy (as a proportion of all records)





**Any
questions**

To the National
Team

Open discussion:

- There is variation.....
 - Why are some providers doing so well – is there any learning to share?
 - So what are the perceived barriers?
 - What support can be actioned / would be helpful?