

# Absorption analysis for 2018 PUDRs

*IHME PCE*

*May 7, 2019*

## Absorption analysis for current PUDRs in PCE countries

### Average absorption by country

*Using most recent PUDR data*

country	budget	expenditure	absorption
DRC	179316598	116250364	64.83
Uganda	146936594	80540763	54.81
Senegal	15687225	10278133	65.52
Guatemala	5928471	4063886	68.55

### Average absorption by country and quarter

*Using most recent PUDR data*

country	start_date	absorption
DRC	2018-01-01	61.71
DRC	2018-04-01	61.71
DRC	2018-07-01	68.40
DRC	2018-10-01	68.40
Uganda	2018-01-01	56.25
Uganda	2018-04-01	56.25
Uganda	2018-07-01	27.35
Uganda	2018-10-01	27.35
Senegal	2018-01-01	58.93
Senegal	2018-04-01	58.93
Senegal	2018-07-01	75.85
Senegal	2018-10-01	75.85
Guatemala	2018-01-01	82.78
Guatemala	2018-04-01	82.78
Guatemala	2018-07-01	58.49
Guatemala	2018-10-01	58.49

There have been mixed results on absorption for the countries in the PCE. For Uganda and Guatemala, absorption has fallen between the first and second semesters of 2018, while for DRC and Senegal absorption has improved. There is a wide range of absorption number, with a minimum of 27.35 in Uganda and a maximum of 82.78 in Guatemala.

## Average absorption by grant

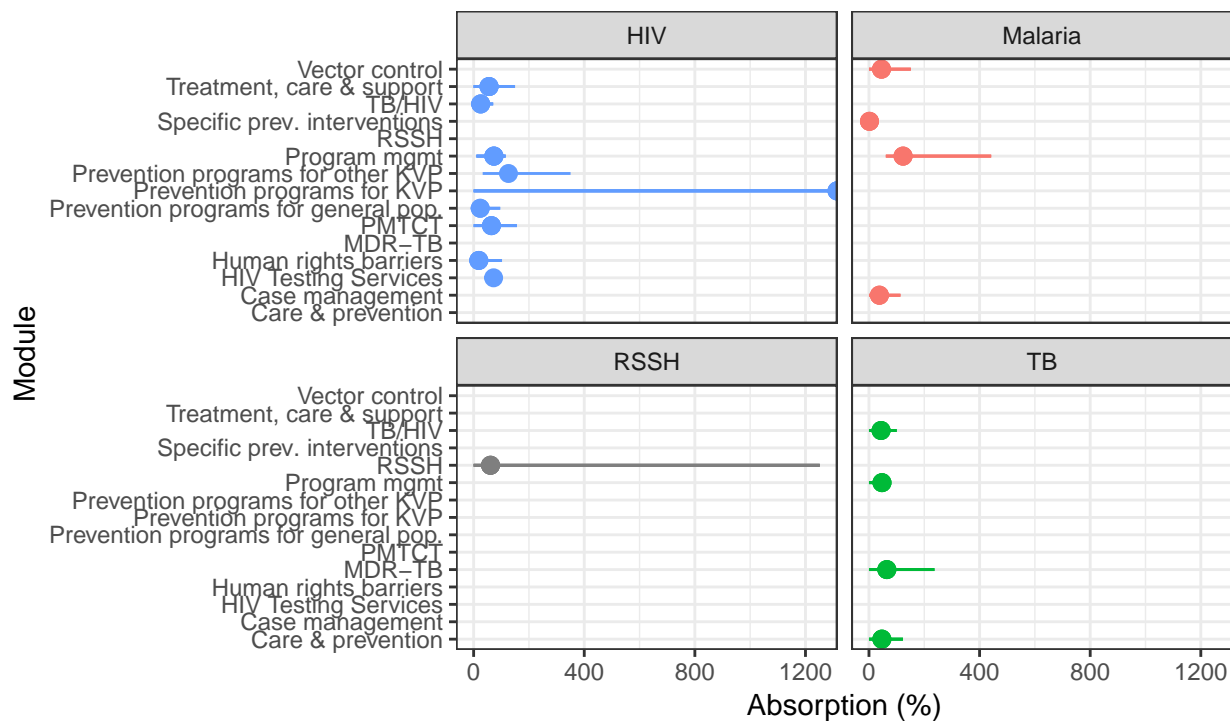
*Shows average absorption across entire reporting period of latest PUDR*

country	grant	absorption
DRC	COD-M-MOH	54.37
DRC	COD-M-SANRU	64.80
DRC	COD-C-CORDAID	93.31
DRC	COD-H-MOH	16.83
DRC	COD-T-MOH	13.51
Guatemala	GTM-H-HIVOS	82.78
Guatemala	GTM-T-MSPAS	0.00
Senegal	SEN-M-PNLP	29.16
Senegal	SEN-H-ANCS	75.09
Senegal	SEN-H-CNLS	82.41
Senegal	SEN-Z-MOH	68.59
Uganda	UGA-M-MoFPED	57.85
Uganda	UGA-M-TASO	27.65
Uganda	UGA-C-TASO	27.04
Uganda	UGA-H-MoFPED	57.42
Uganda	UGA-T-MoFPED	61.80

Although average absorption by country is low for all PCE countries, with a maximum of 68.55 in Guatemala, the grant-level averages show more variation. Within DRC, for example, the absorption by grant ranges from 13.51 to 93.31 percent.

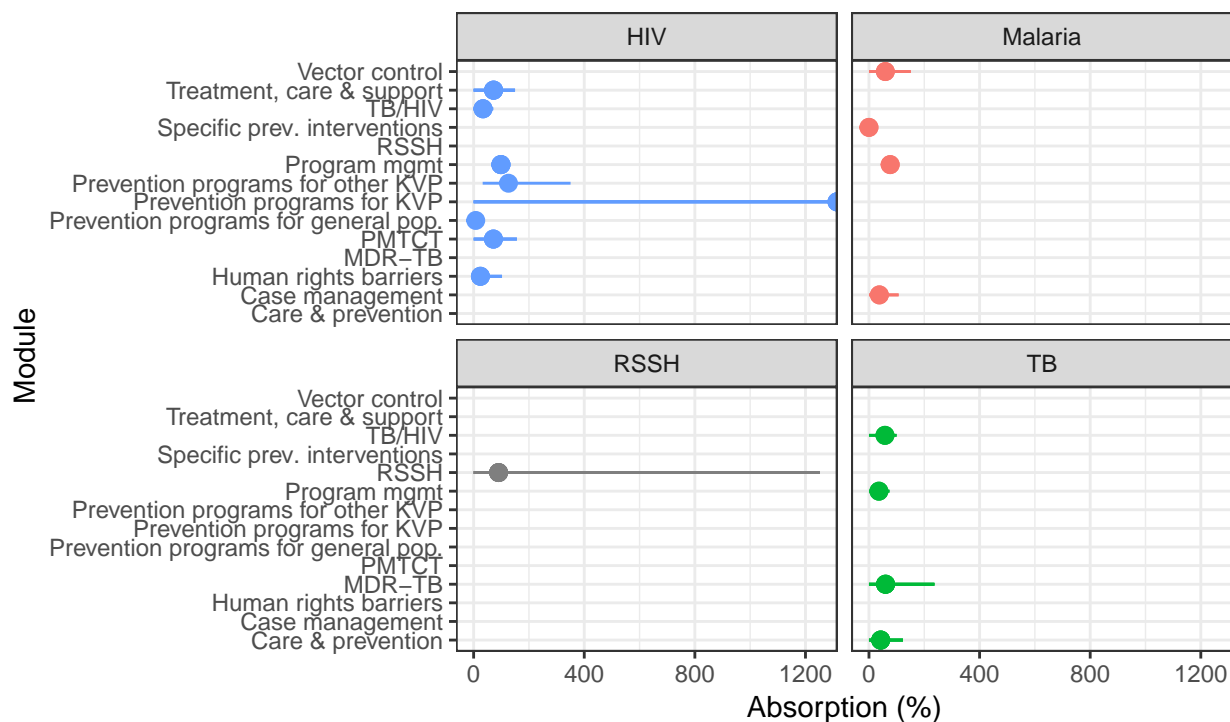
## Absorption range

Range of absorption for PCE countries by module for Q1/Q2 2018



Points represent average absorption across country/disease, with range showing min and max

Range of absorption for PCE countries by module for Q3/Q4 2018

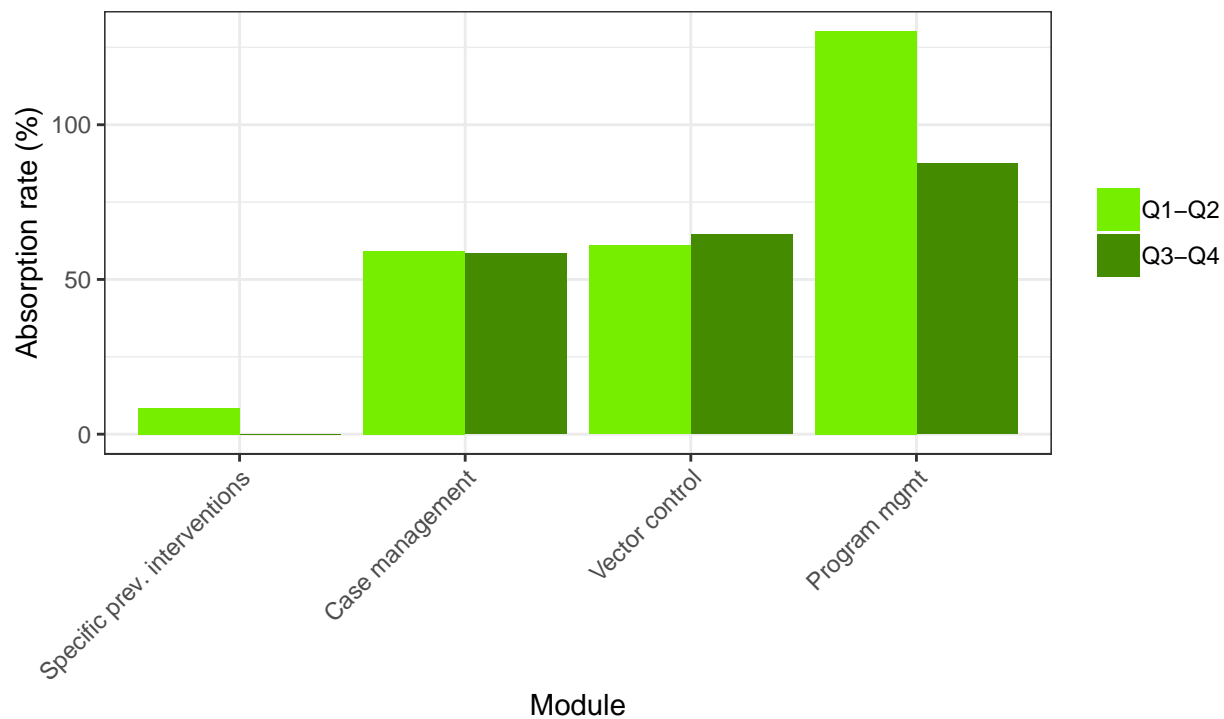


Points represent average absorption across country/disease, with range showing min and max

Absorption by module shows that there has been a slight downward trend in absorption between the first and second halves of 2018, although it's important to note that the PCE is missing several PUDRs for Q3/Q4 2018. These data gaps are also noticeable through the missing error bars in the second graph, for many of these modules, we only have one grant reporting.

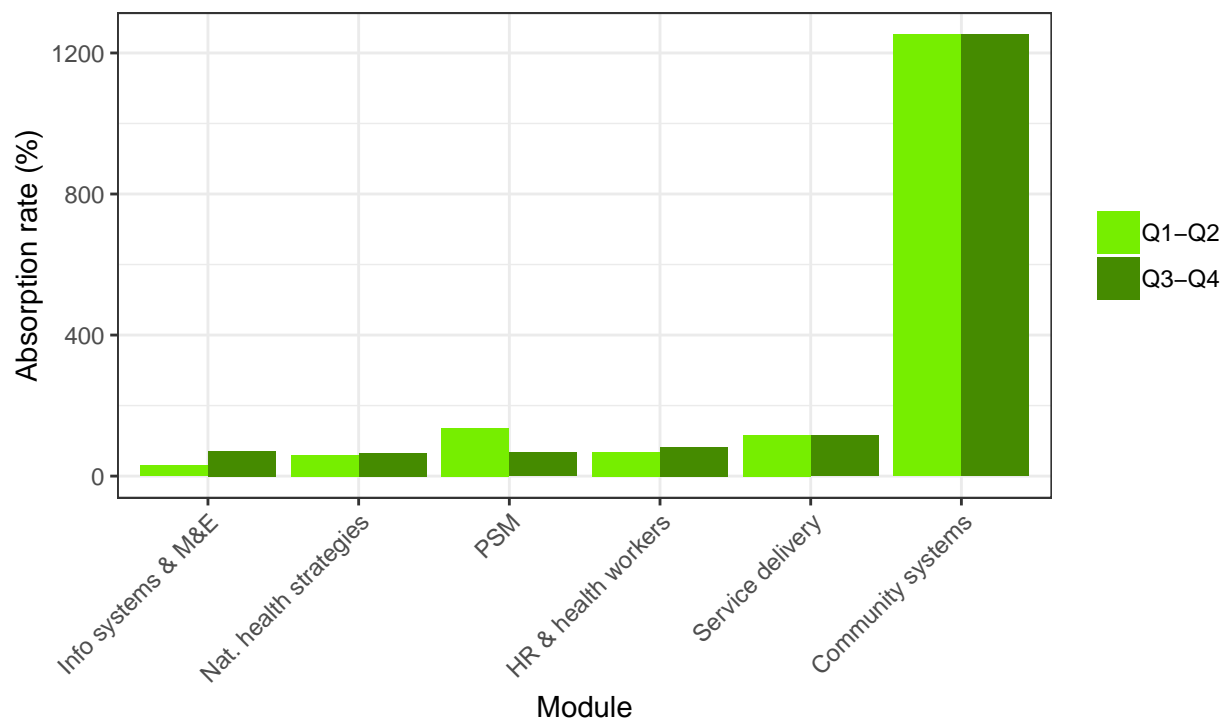
## Average absorption by module

Absorption rate by module for 2018  
Malaria PUDRs



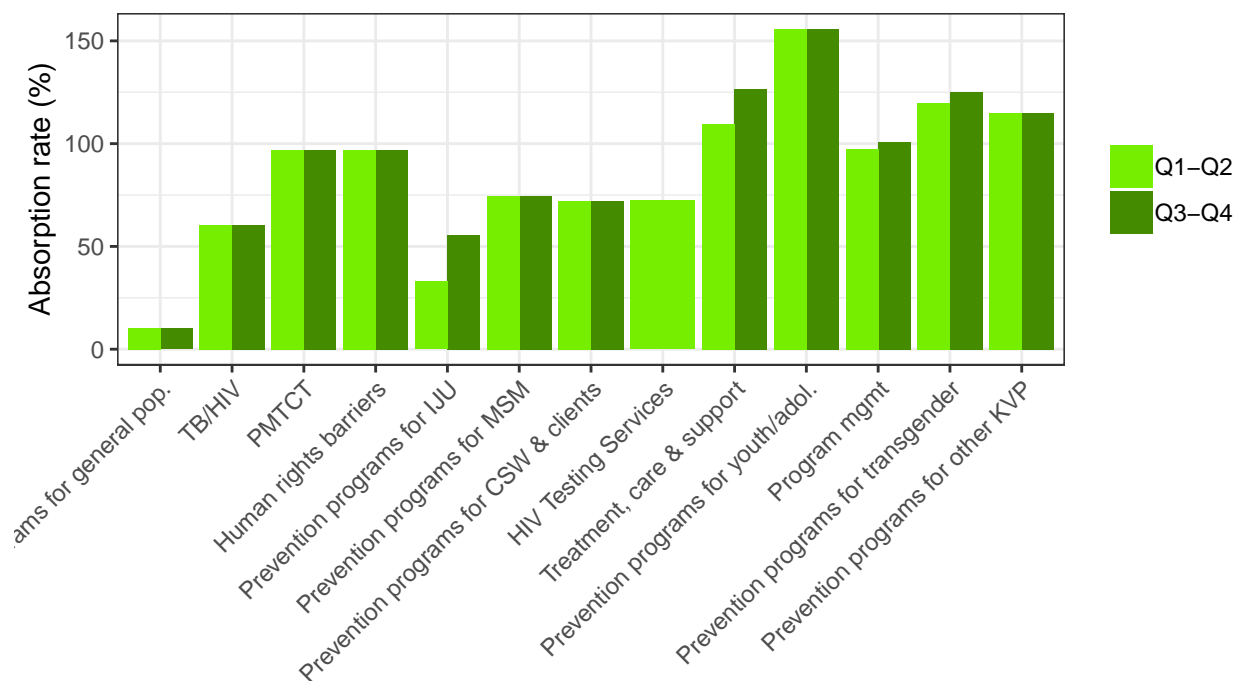
\*Not all PUDRs have been received for this period

Absorption rate by module for 2018  
RSSH PUDRs



\*Not all PUDRs have been received for this period

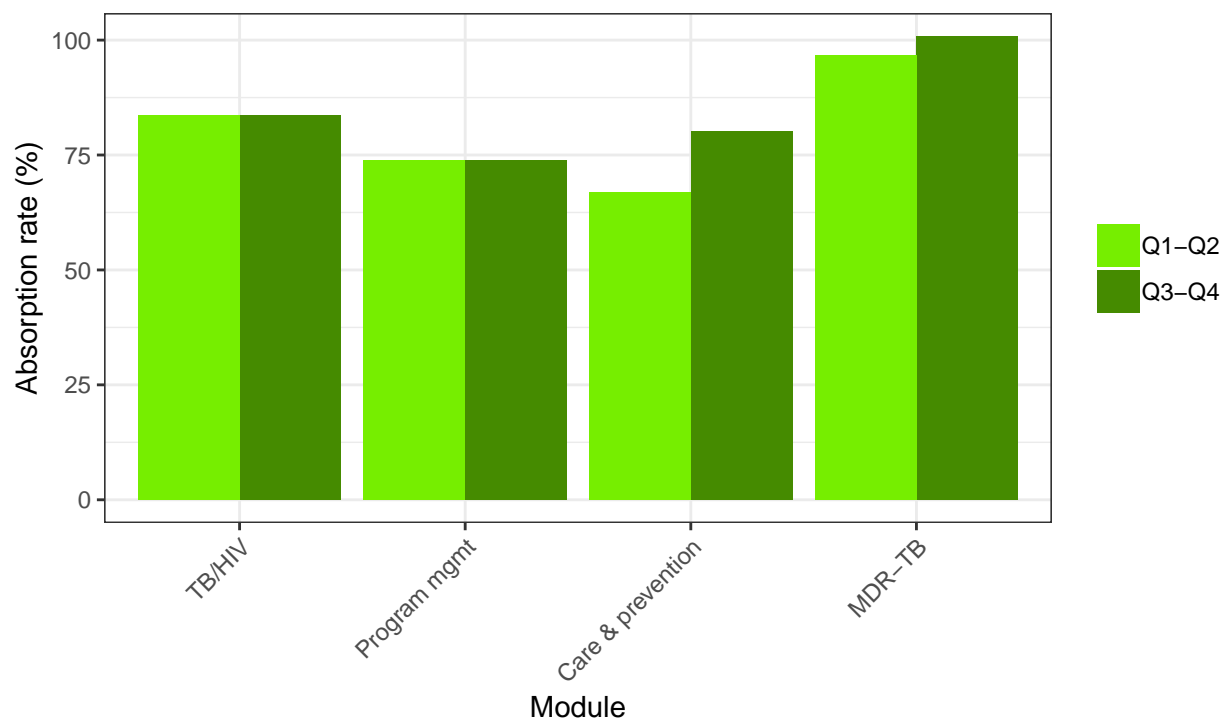
## Absorption rate by module for 2018 HIV PUDRs



Module

\*Not all PUDRs have been received for this period

## Absorption rate by module for 2018 TB PUDRs



\*Not all PUDRs have been received for this period

Across all diseases, program management has consistently been an important part of early grant implementation, with average absorption rates by disease shown below.

disease	start_date	absorption (%)
HIV	2018-01-01	659.5545
HIV	2018-04-01	659.5545
HIV	2018-07-01	592.3999
HIV	2018-10-01	592.3999
Malaria	2018-01-01	986.5519
Malaria	2018-04-01	986.5519
Malaria	2018-07-01	383.7068
Malaria	2018-10-01	383.7068
TB	2018-01-01	235.3083
TB	2018-04-01	235.3083
TB	2018-07-01	143.8933
TB	2018-10-01	143.8933

## Rate of change of absorption by module

In the data we have, the rate of change of absorption between reporting periods has been 0. We will continue to monitor this statistic as we receive more PUDRs.