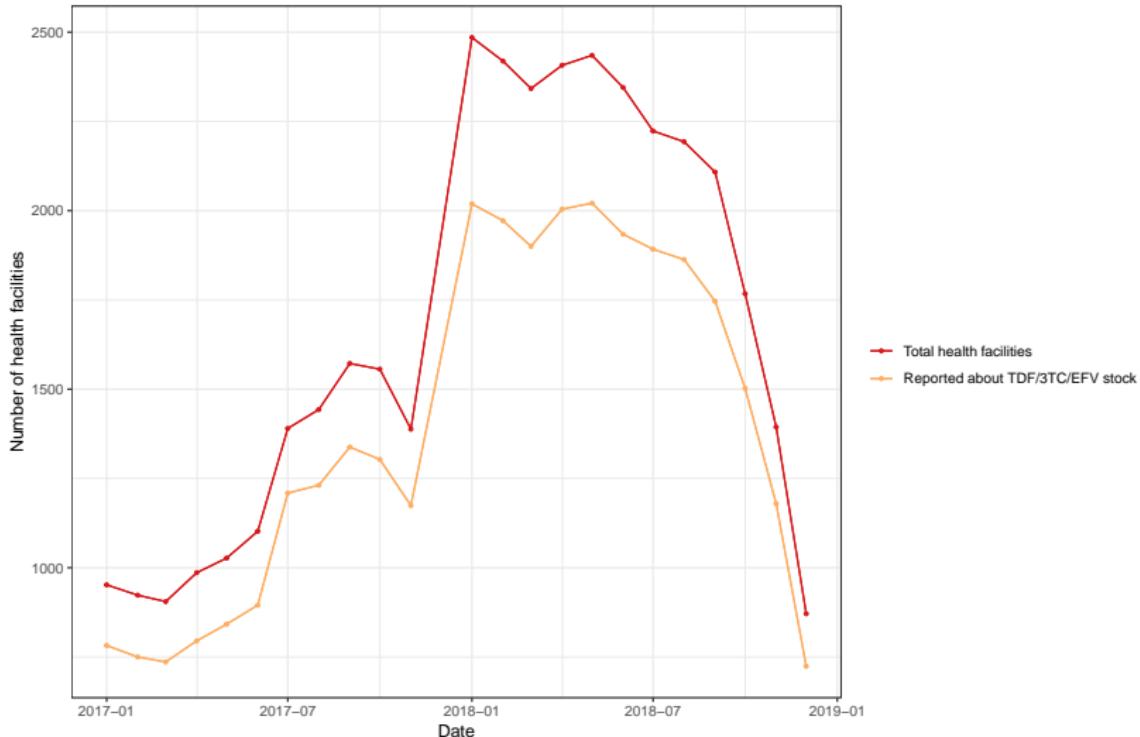


# PNLS Supply Chain Analysis First Line Treatment (TDF/3TC/EFV)

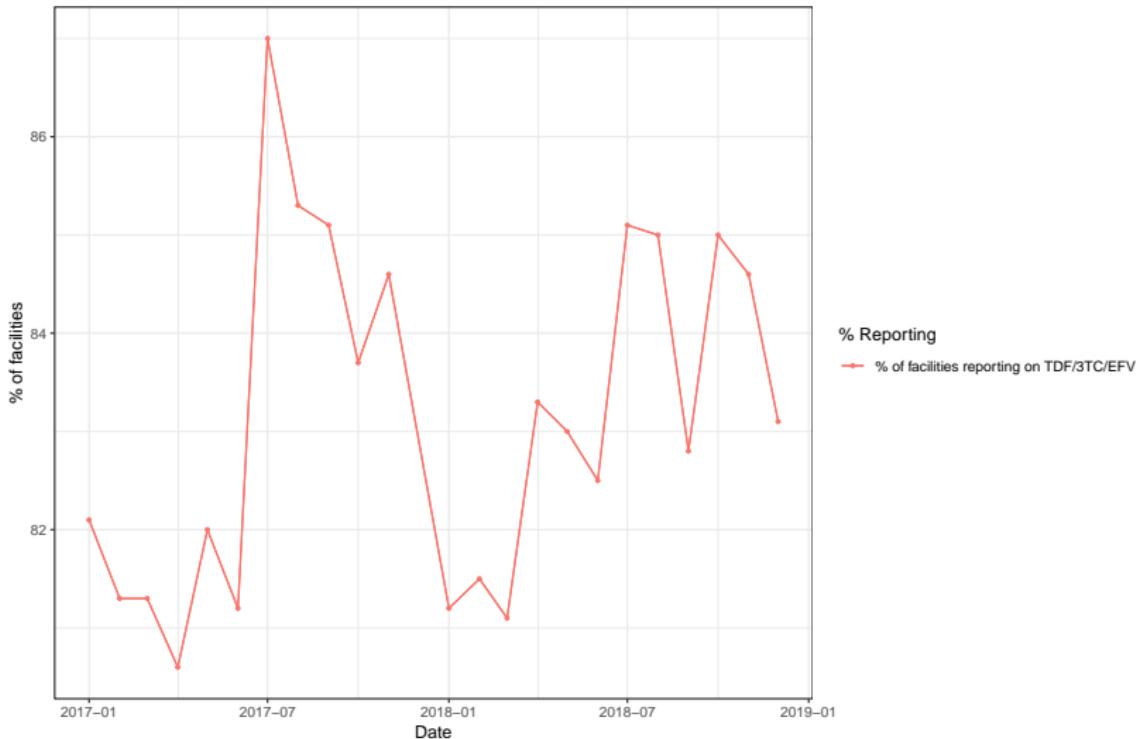
# Reporting Completeness

Number of facilities reporting supply chain information for TDF/3TC/EFV  
Jan 2017 – Dec 2018



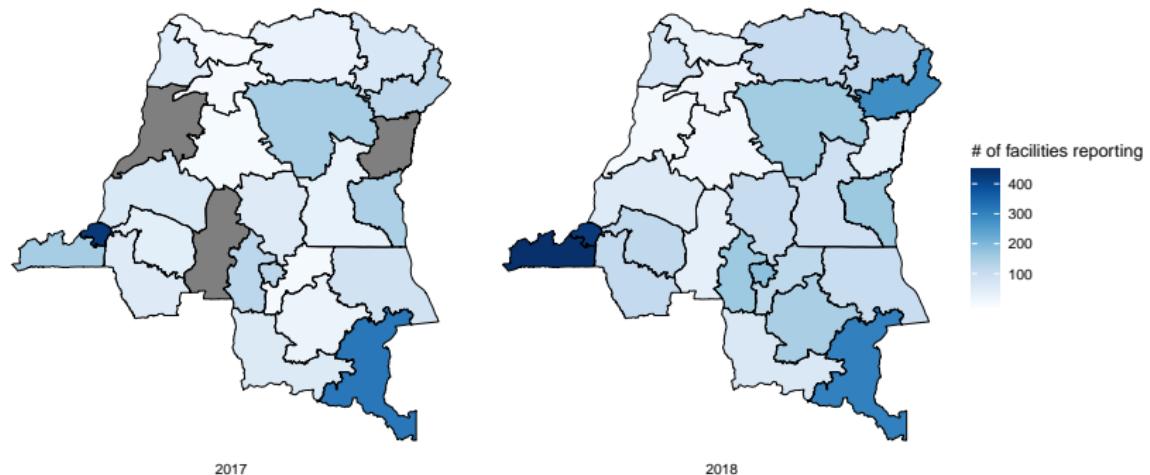
# Reporting Completeness

Percentage of health facilities reporting supply chain information for TDF/3TC/EFV  
Jan 2017 – Dec 2018

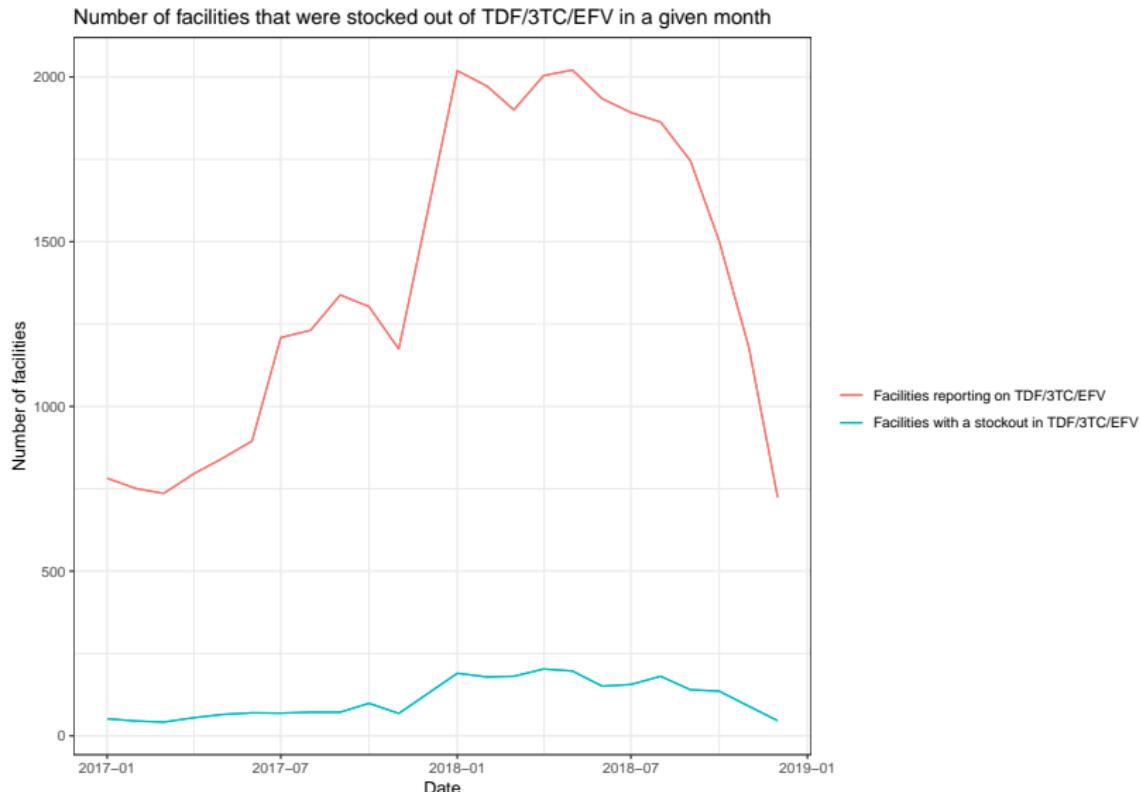


# Reporting completeness

Reporting completeness by year and district for TDF/3TC/EFV

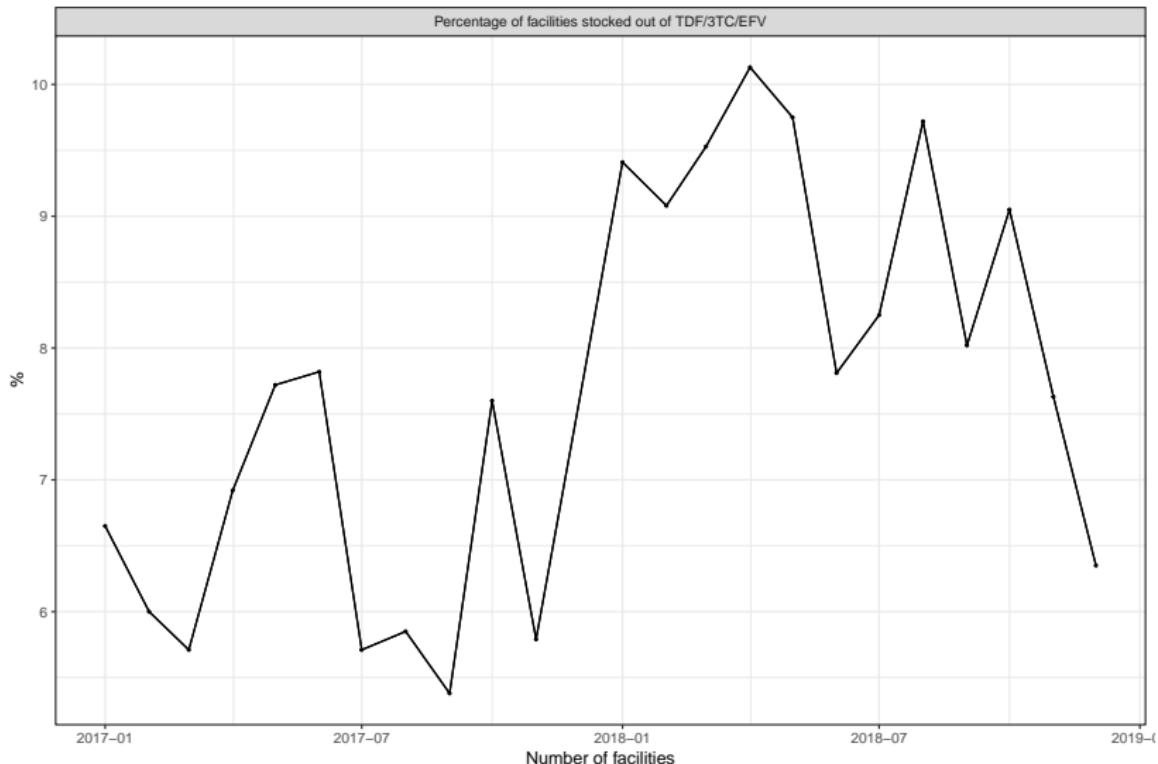


# Stockouts of first-line test kits



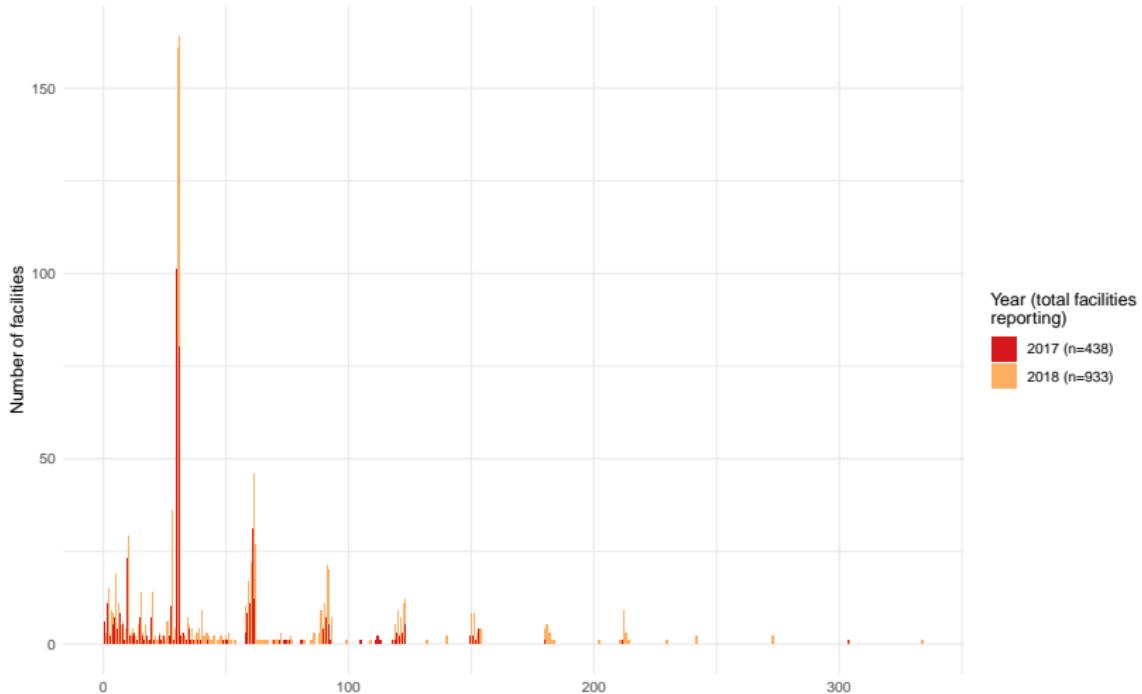
# Percentage of facilities stocked out of first-line test kits

Percentage of facilities that were stocked out of TDF/3TC/EFV in a given month



# Total days stocked out by facility

Facilities stocked out of TDF/3TC/EFV for at least one day by total days stocked out  
Jan 2017 – Dec 2018

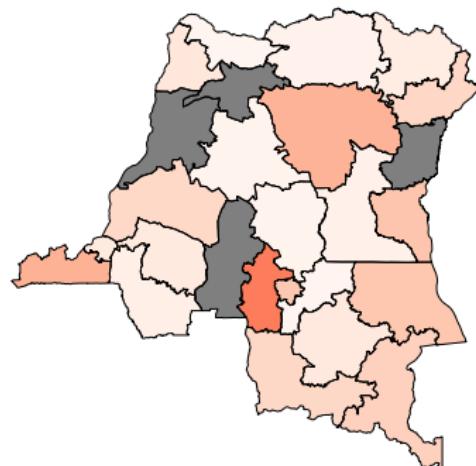


\*Does not include facilities stocked out for 0 days

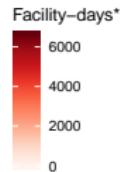
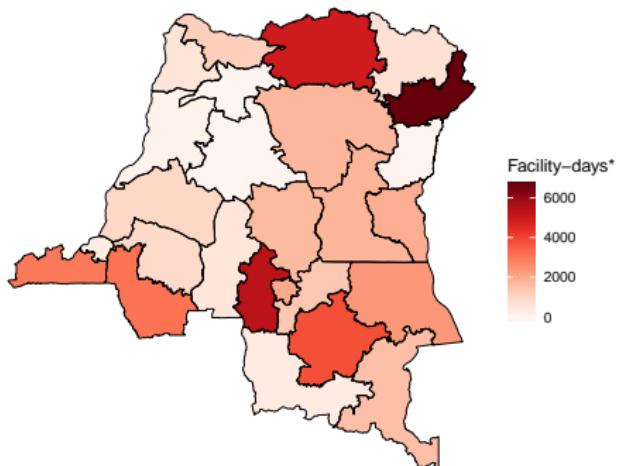
# Map of total facility-days of stockouts

Total facility-days of stockouts for TDF/3TC/EFV  
Jan 2017 – Dec 2018

2017



2018

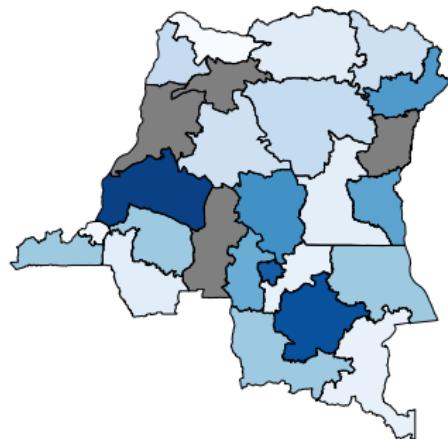


\*A facility-day is defined as each day a facility reports

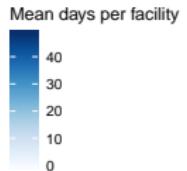
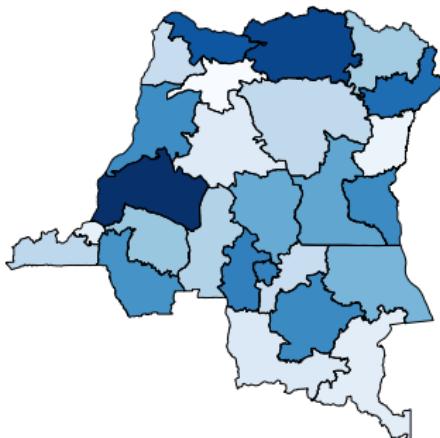
# Map of mean number of days stocked out

Mean number of days stocked out of TDF/3TC/EFV by district  
Jan 2017 – Dec 2018

2017

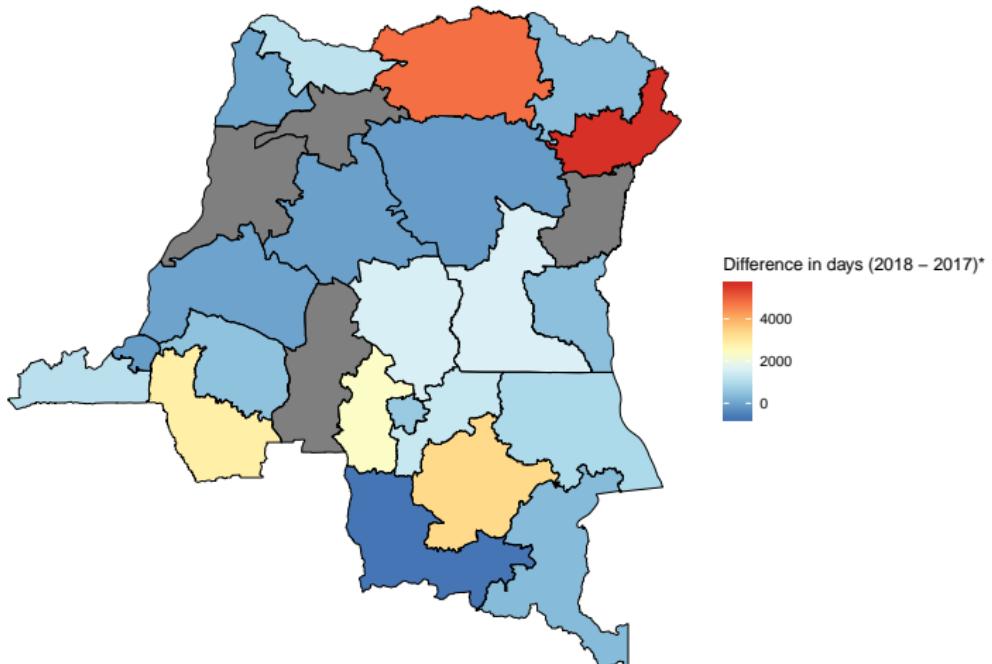


2018



# Rate of change of stockouts

Rate of change: facility-days of TDF/3TC/EFV stockouts in 2018 minus 2017  
Jan 2017 – Dec 2018

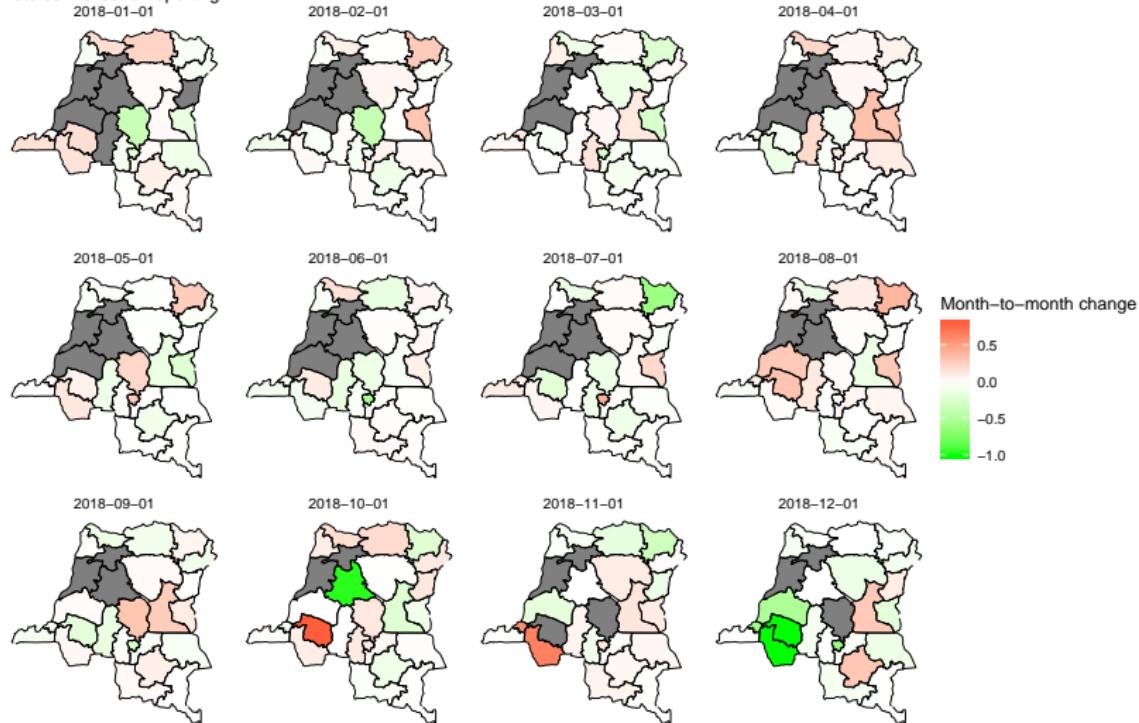


\* Positive difference = more days stocked out in 2018 than 2017

# Stock-out rate of change, by month

TDF/3TC/EFV rate of change of stock-outs by district, all facilities

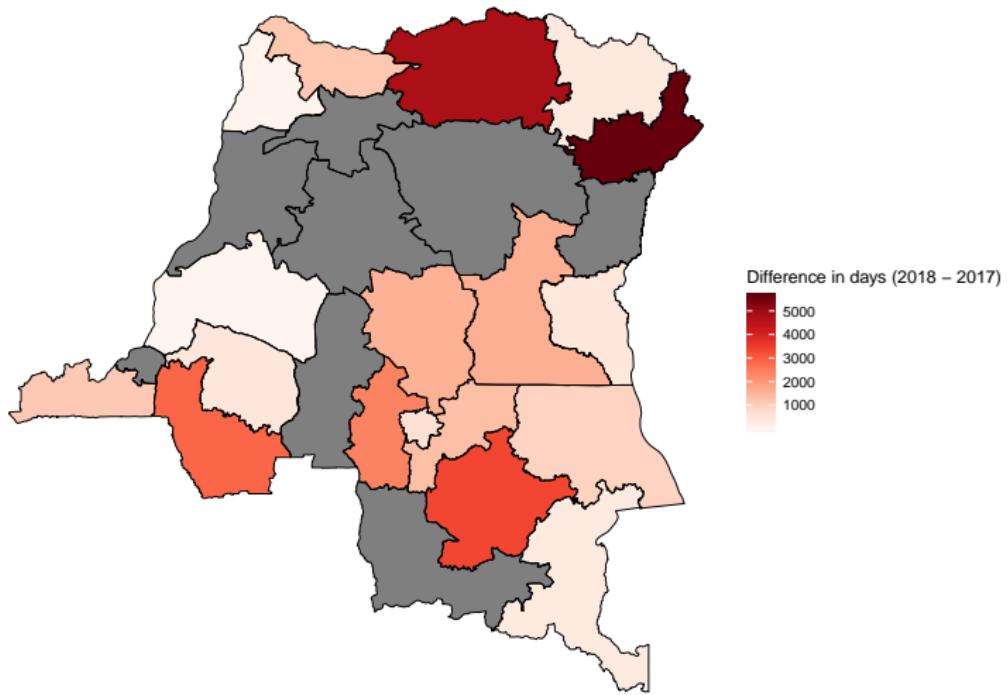
Data controlled for reporting



\*Denominator only includes facilities that reported data for the given treatment regimen

# Districts with more stockouts in 2018 than 2017

Districts with more facility-days of stockouts for TDF/3TC/EFV in 2018 than 2017  
Same time period: January – November

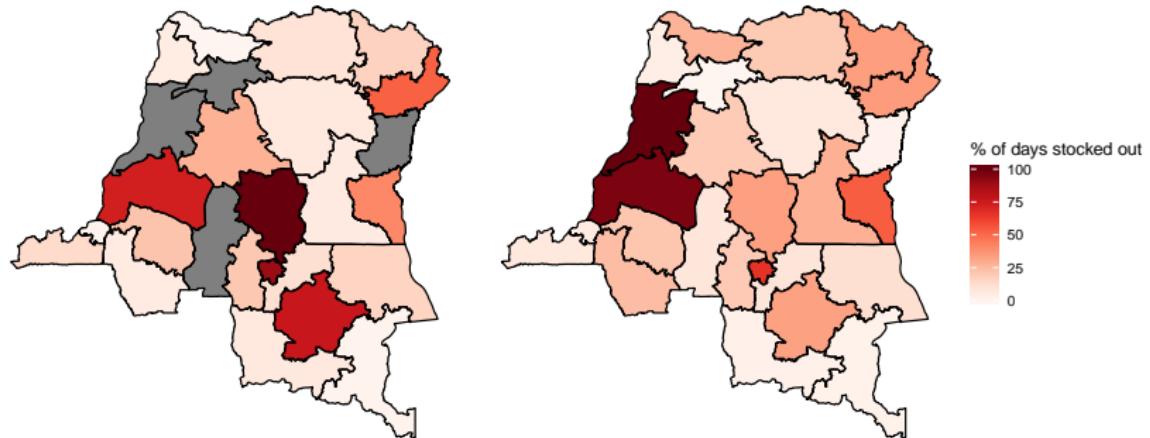


# Percentage of facility-days stocked out

Percentage of facility-days stocked out of TDF/3TC/EFV  
Days facilities were stocked out/Total days in which facilities reported on TDF/3TC/EFV

2017

2018



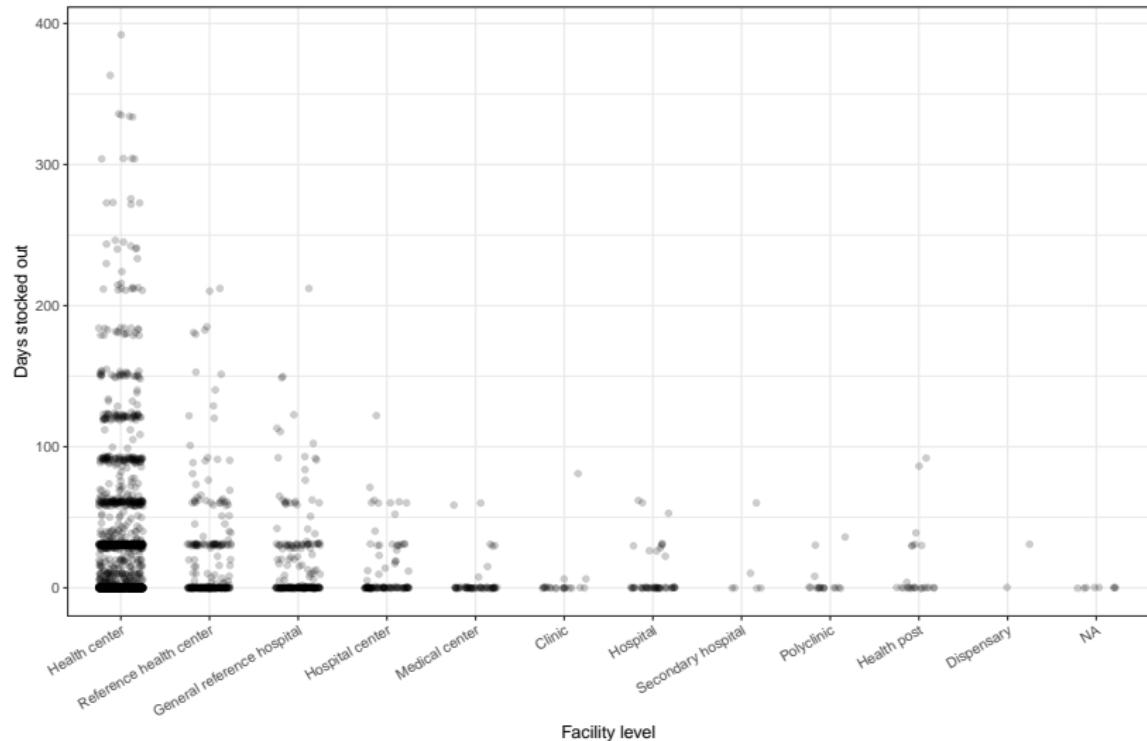
## Percentage of facility-days stocked out, 2018 only

GRAPH WITH LABELS TO GO HERE

# Days stocked out by facility level (all)

Days stocked out of TDF/3TC/EFV by facility level

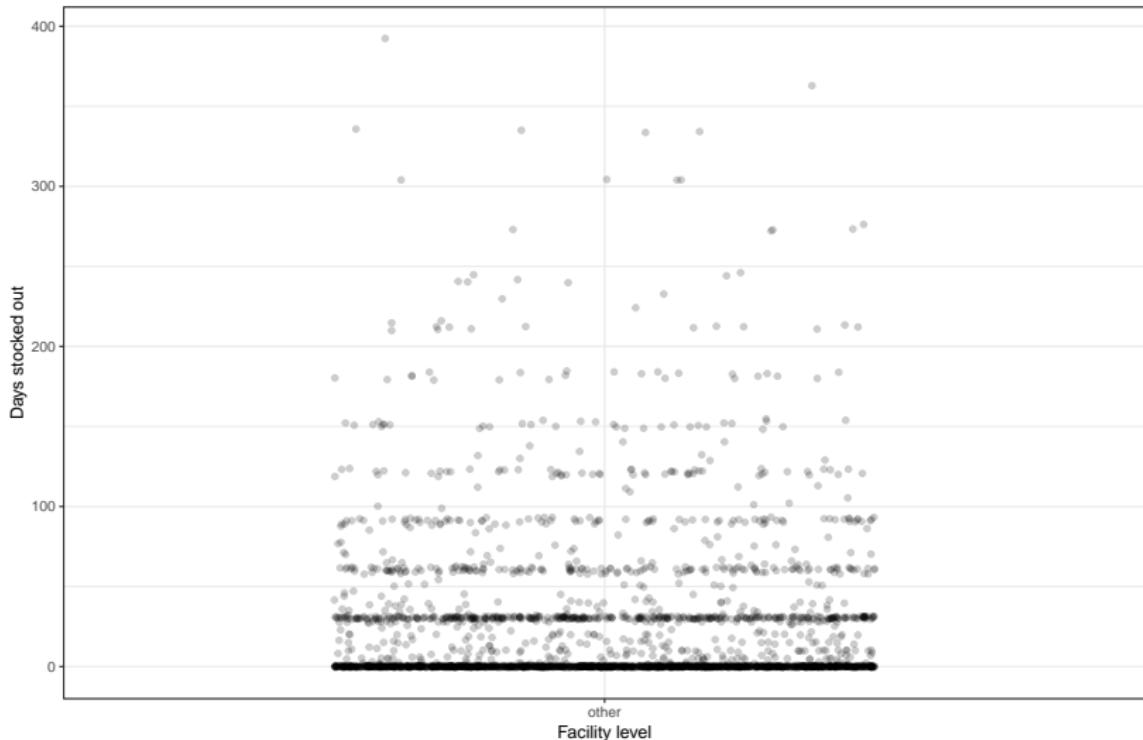
Jan 2017 – Dec 2018



# Days stocked out by facility level (grouped)

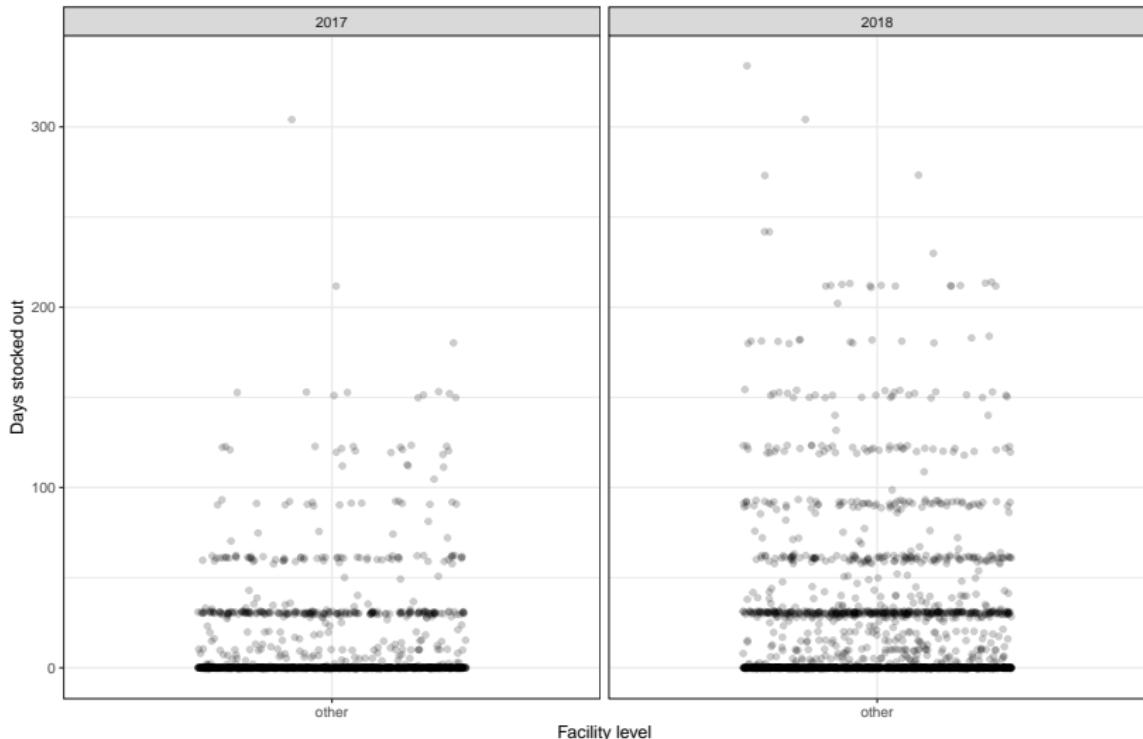
Days stocked out of TDF/3TC/EFV by facility level

Jan 2017 – Dec 2018



# Days stocked out by facility level (grouped, by year)

Days stocked out of TDF/3TC/EFV by facility level  
Jan 2017 – Dec 2018

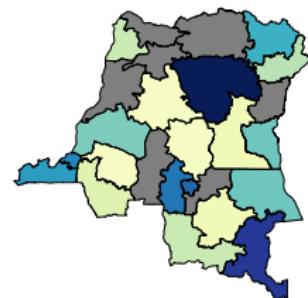


# Stock-out duration, 2017 (No stockouts - 2 MO)

Number of facilities stocked out of TDF/3TC/EFV by time stocked out, 2017

Minimum one day of stockout

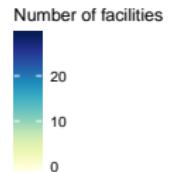
1 day – 1 month



1+ – 2 months

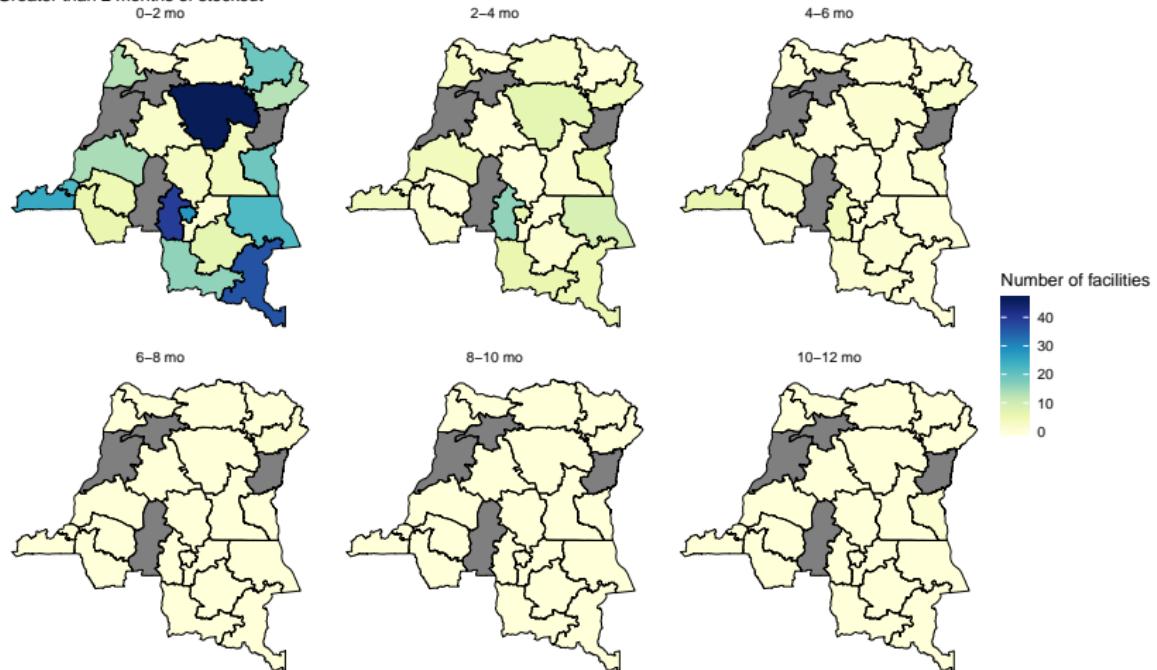


2+ months

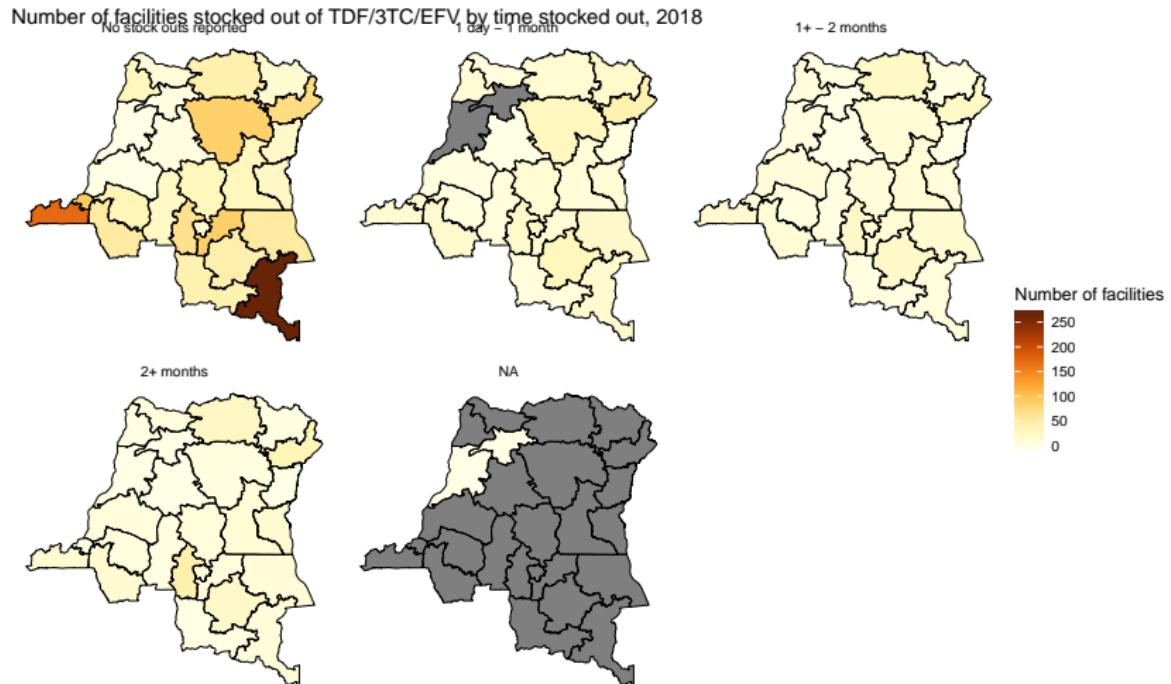


# Stock-out duration, 2017 (2-month intervals)

Number of facilities stocked out of TDF/3TC/EFV by time stocked out, 2017  
Greater than 2 months of stockout

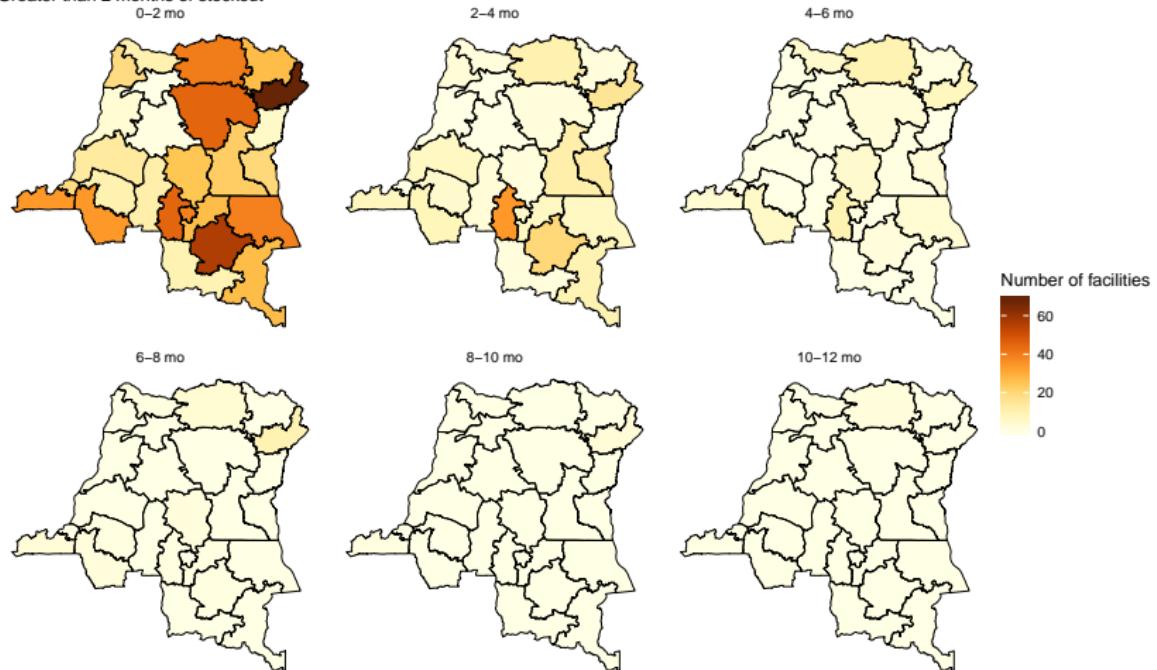


# Stock-out duration, 2018 (No stockouts - 2 MO)



# Stock-out duration, 2018 (2-month intervals)

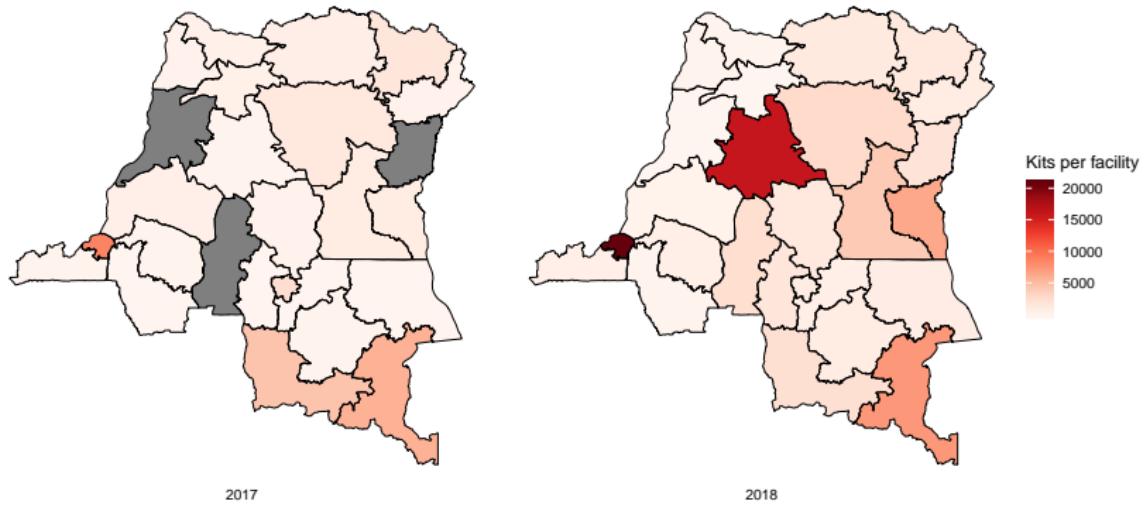
Number of facilities stocked out of TDF/3TC/EFV by time stocked out, 2018  
Greater than 2 months of stockout



# Drug units per facility, by district

TDF/3TC/EFV kits per facility, by district

Annual data restricted to Jan–Aug



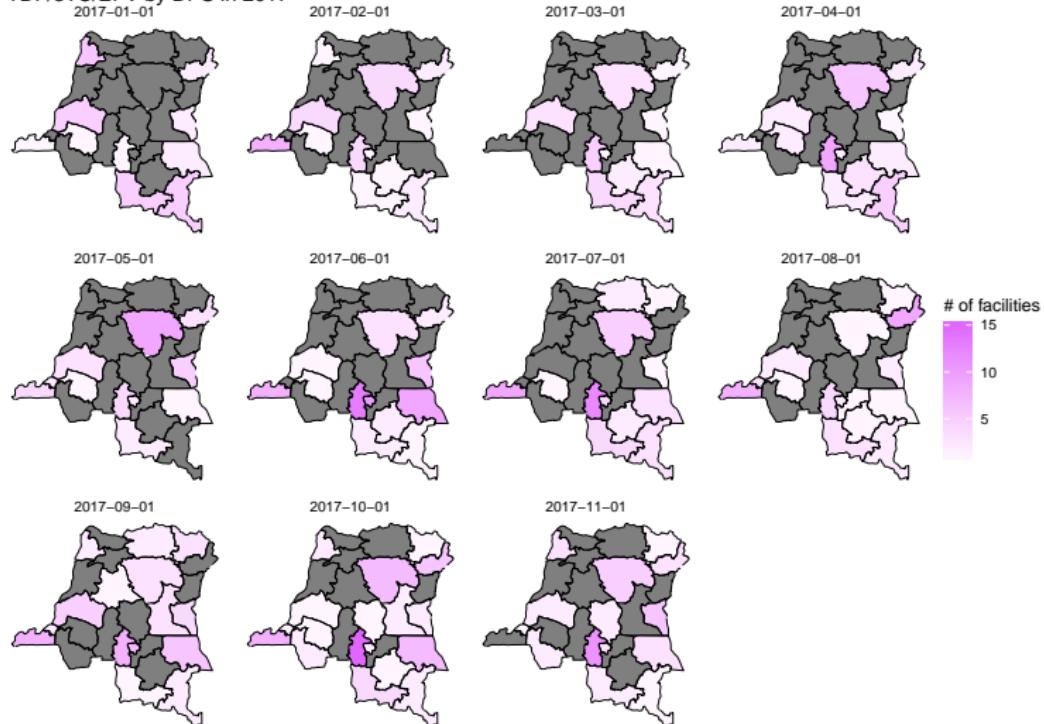
\*Denominator only includes facilities with 'available, usable stock' of this drug

## Drug units per facility by district, 2018 only

GRAPH WITH LABELS TO GO HERE

# Facilities with a full month of stock-out, 2017

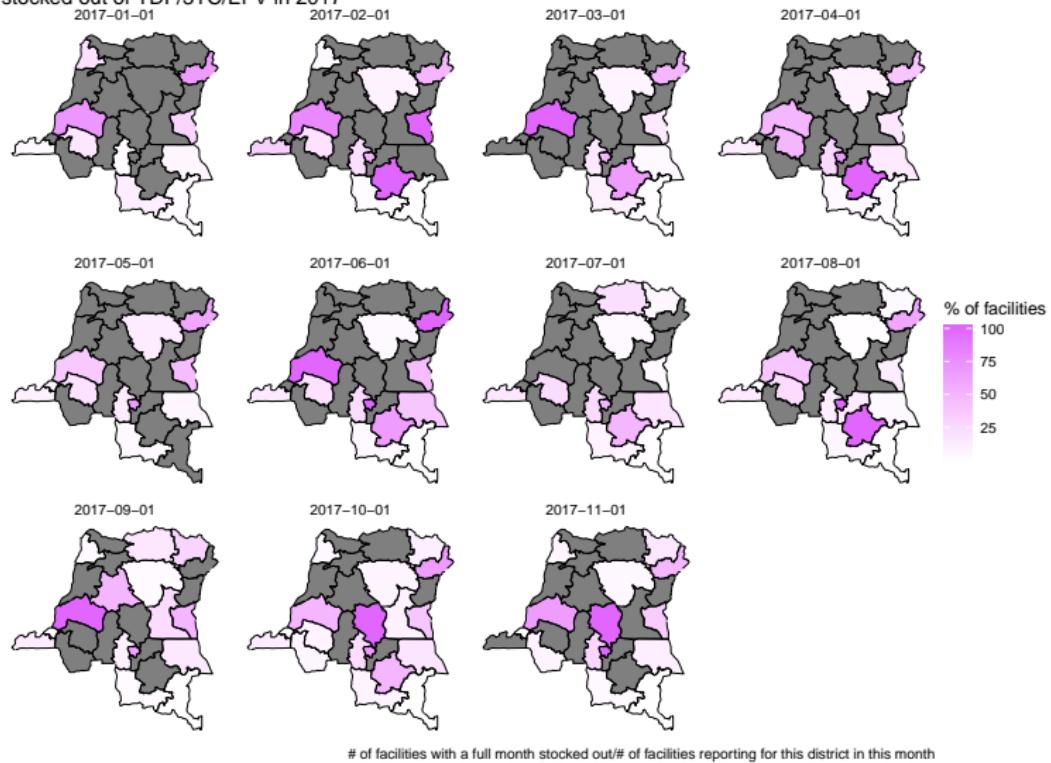
Count of facilities with a full month of stockout for  
TDF/3TC/EFV by DPS in 2017



\*Denominator only includes facilities that reported data for the given treatment regimen

# Proportion of facilities stocked out for a whole month, 2017

Proportion of facilities reporting that had a full month  
stocked out of TDF/3TC/EFV in 2017



# Facilities with a full month of stock-out, 2018

Count of facilities with a full month of stockout for  
TDF/3TC/EFV by DPS in 2018



\*Denominator only includes facilities that reported data for the given treatment regimen

# Proportion of facilities stocked out for a whole month, 2018

Proportion of facilities reporting that had a full month  
stocked out of TDF/3TC/EFV in 2018

