

Nutrition Surveillance System was established in mid-2017 with the technical support of UNICEF and CDC to investigate and monitor the malnutrition status of children under the age of five and PLW on a regular basis and as part of EWARN. Although the overall GAM rate was below the level of emergency, a few rapid assessments conducted in some communities revealed pockets of malnutrition and a high stunting rate. As a result, establishing a nutrition surveillance system will be able to detect pockets, needed surveys, trends analysis, and link with the epidemiology situation from EWARN data (Diarrhea, measles, and SARI cases) to identify the appropriate immediate response. From this point, we would like to draw attention to a forgotten area deprived of humanitarian services, and we do not know the extent of the poor nutritional status, which is the NES.

The NSS Reporting HFs continue to upload malnutrition indicators' data on tablets in all the (49) Health centers in (2) Governorate (9) Districts) and (27) subdistrict , using ODK application.

During the reporting period(49) , 100% of the Reporting HFs across (2) Governorates provided surveillance data for NSS ,(100%) of reporting health facilities reported on time.

The total number of detected malnourished cases is (370) out of (37582) , While (20689) ,55% of the measured children were under 2 years old.

With great appreciation to our partners

ACU | Al Ameen | BAHAR | Hand in Hand | IDA | Medical Relive | MSF | Orient | PAC

QRCS | SAMS | SDI | SEMA | Shafak | SRD | Syria Charity | UOSSM | Watan

Plausibility check for: Standard/Reference used for z-score calculation: WHO standards 2006

Overall data quality

Criteria	Flags*	Unit	Excel.	Good	Accept	Problematic	Score
Flagged data (% of out of range subjects)	Incl	%	0-2.5 0	>2.5-5.0 5	>5.0-7.5 10	>7.5 20	0 (1.0 %)
Overall Sex ratio (Significant chi square) (p=0.000)	Incl	p	>0.1 0	>0.05 2	>0.001 4	<=0.001 10	10
Age ratio(6-29 vs 30-59) (Significant chi square) (p=0.000)	Incl	p	>0.1 0	>0.05 2	>0.001 4	<=0.001 10	10
Dig pref score - weight	Incl	#	0-7 0	8-12 2	13-20 4	> 20 10	0 (2)
Dig pref score - height	Incl	#	0-7 0	8-12 2	13-20 4	> 20 10	0 (5)
Dig pref score - MUAC	Incl	#	0-7 0	8-12 2	13-20 4	> 20 10	0 (2)
Standard Dev WHZ .	Excl	SD	<1.1 and >0.9 0	<1.15 and >0.85 5	<1.20 and >0.80 10	>=1.20 or <=0.80 20	0 (0.99)
Skewness WHZ	Excl	#	<±0.2 0	<±0.4 1	<±0.6 3	>=±0.6 5	0 (0.16)
Kurtosis WHZ	Excl	#	<±0.2 0	<±0.4 1	<±0.6 3	>=±0.6 5	0 (-0.08)
Poisson dist WHZ-2	Excl	p	>0.05 0	>0.01 1	>0.001 3	<=0.001 5	0 (p=)
OVERALL SCORE WHZ =			0-9	10-14	15-24	>25	20 %

The overall score of this survey is acceptable

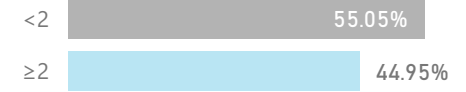
37582 **283** **87** **4** **1.25%**
Children Screened **MAM** **SAM** **Oedema** **GAM rate 06-59**

31.35% **5.21%**
Stunting-Rate **Underweight-Rate**

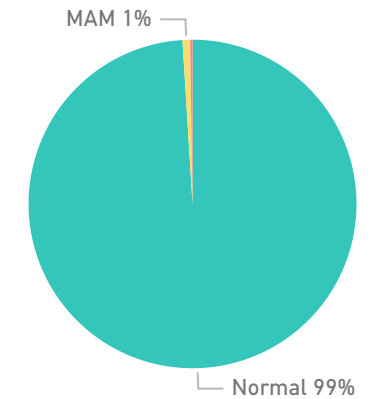
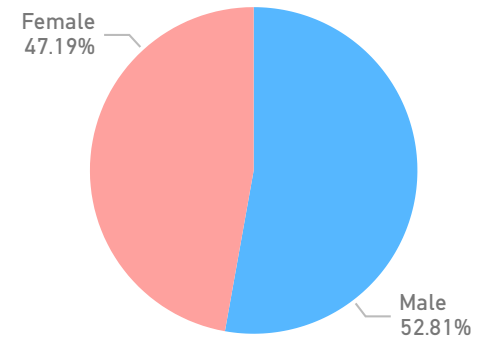
16469 **362** **2.20%**
PLW Screened **PLW Malnourished** **PLW MAM rate**

MUAC only (Age 6-59)(348/29601): 1.18%(1.05% - 1.30% 95% C.I.)
MUAC or WHZ (Age 6-59)(370/29601): 1.25%(1.12% - 1.38% 95% C.I.)
WHZ (Age 6-59)(98/28087): 0.35%(0.28% - 0.42% 95% C.I.)
Stunting (Age 6-59)(8804/28087): 31.35%(30.80% - 31.89% 95% C.I.)
UnderWeight (Age 6-59)(1463/28087): 5.21%(4.95% - 5.47% 95% C.I.)
PLW MAM (362/16469): 2.20%(1.97% - 2.42% 95% C.I.)

Children U5 age distribution

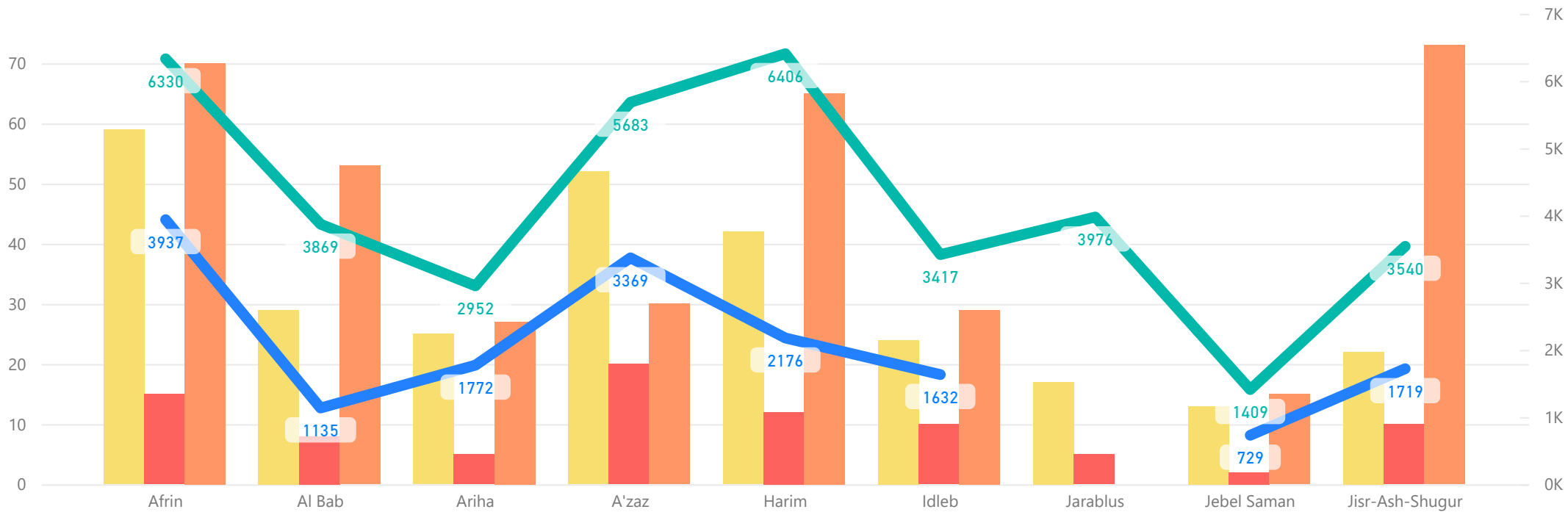


Child_Sex ● Male ● Female

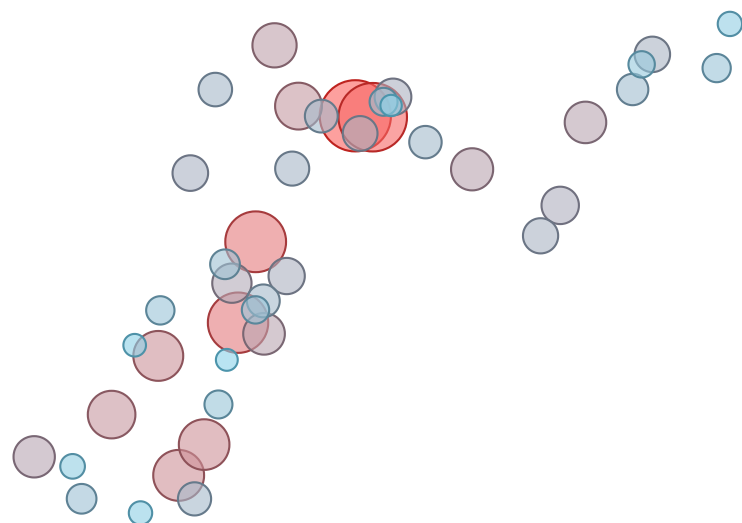


● Normal ● MAM ● SAM

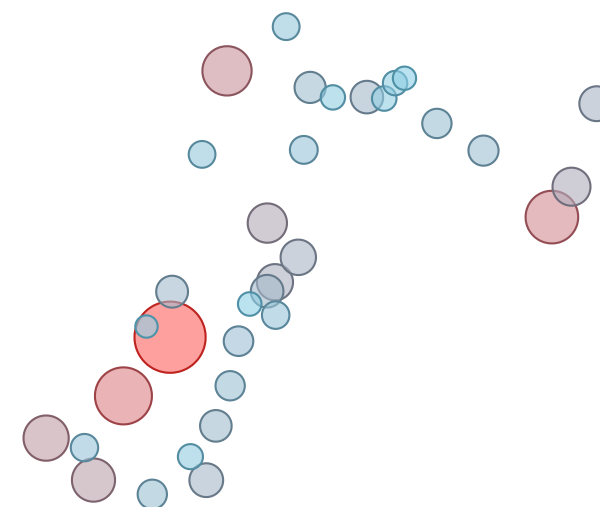
● MAM ● SAM ● PLW malnourished ● Children Screened ● PLW Screened



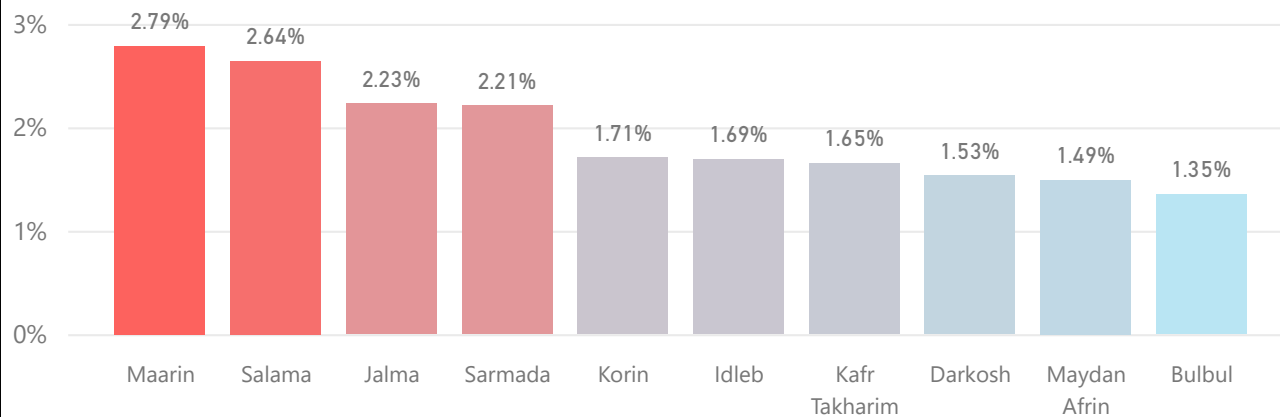
GAM rate by Community



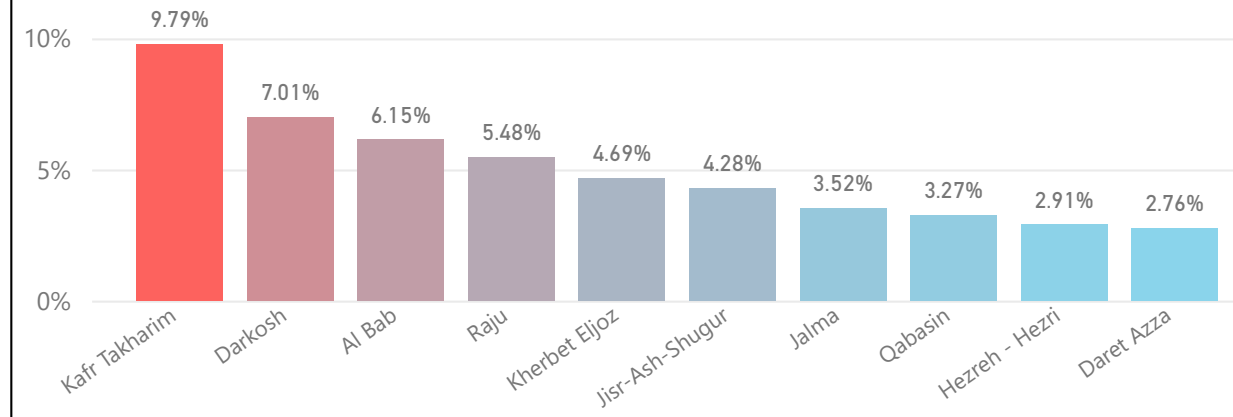
PLW MAM rate by Community



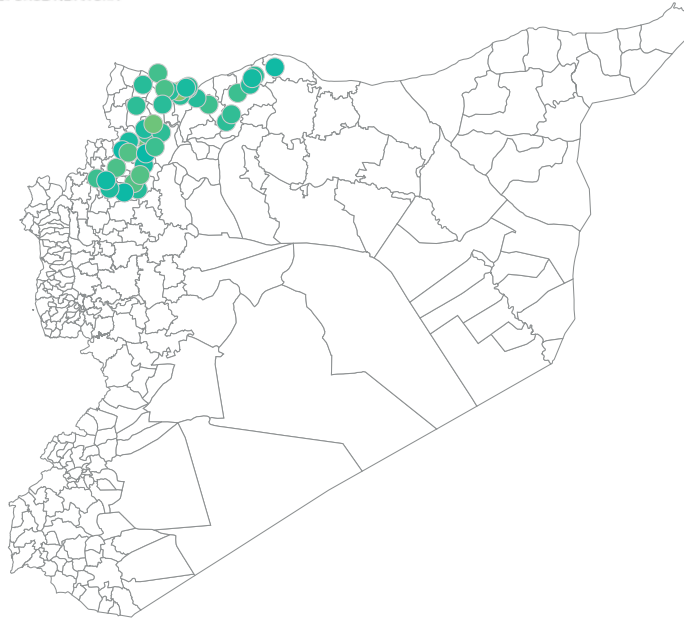
Top 10 GAM rate by community



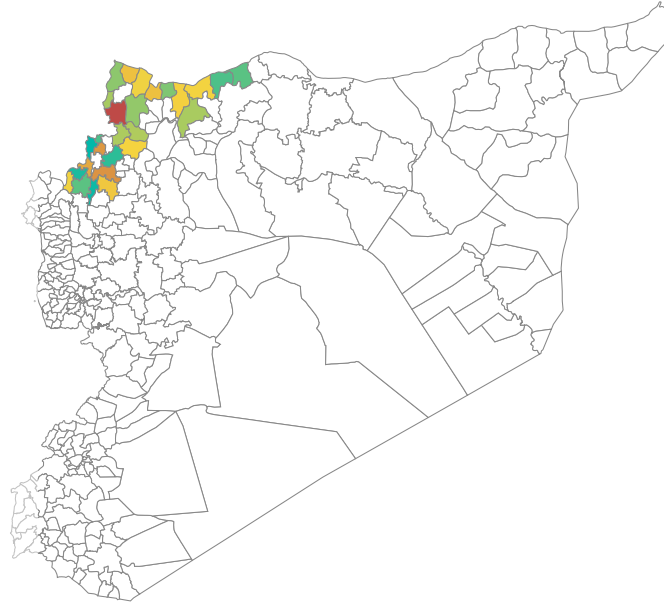
Top 10 MAM rate by community



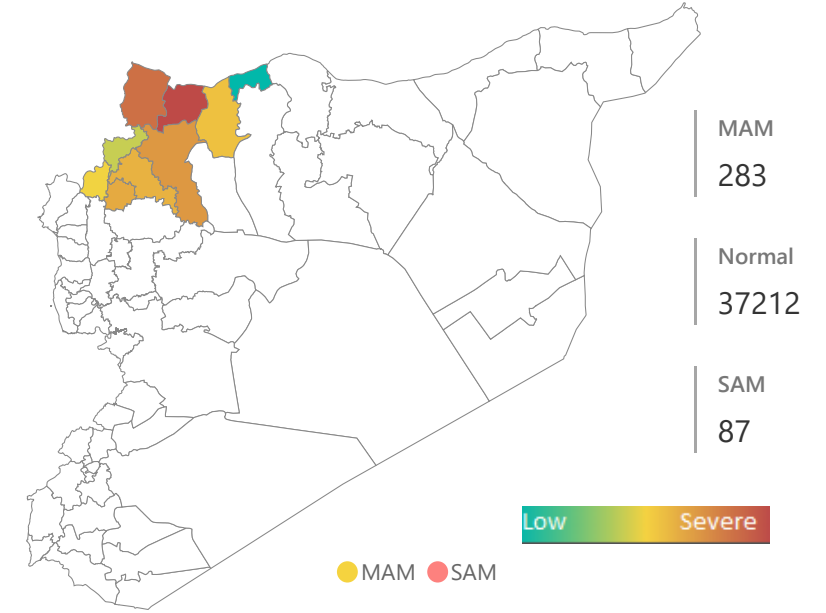
GAM rate by community



GAM rate by subdistrict



GAM rate by district

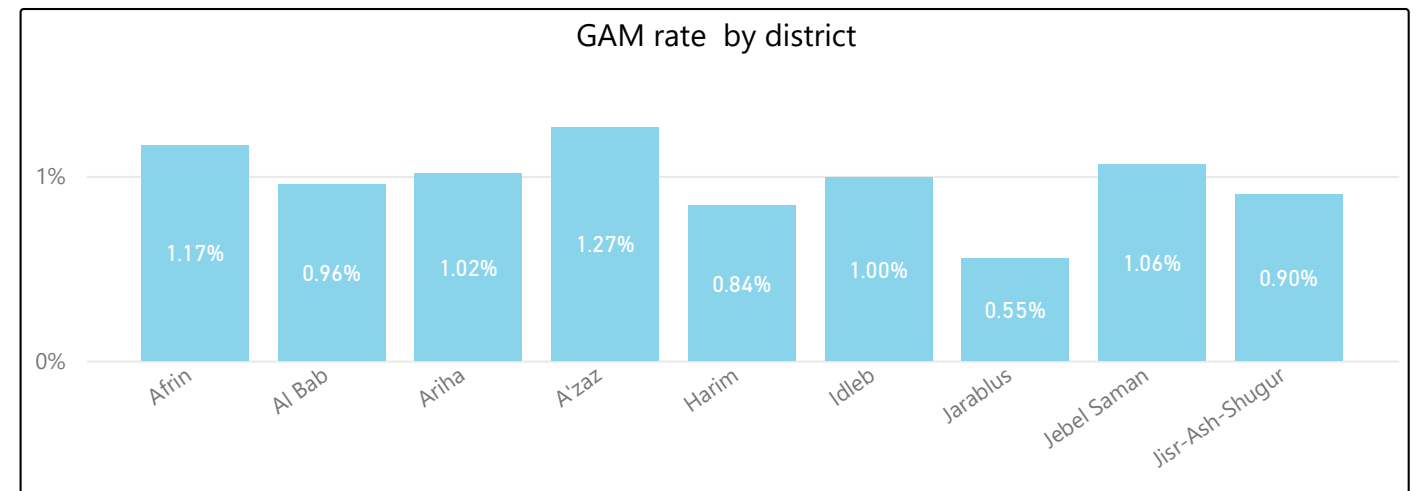
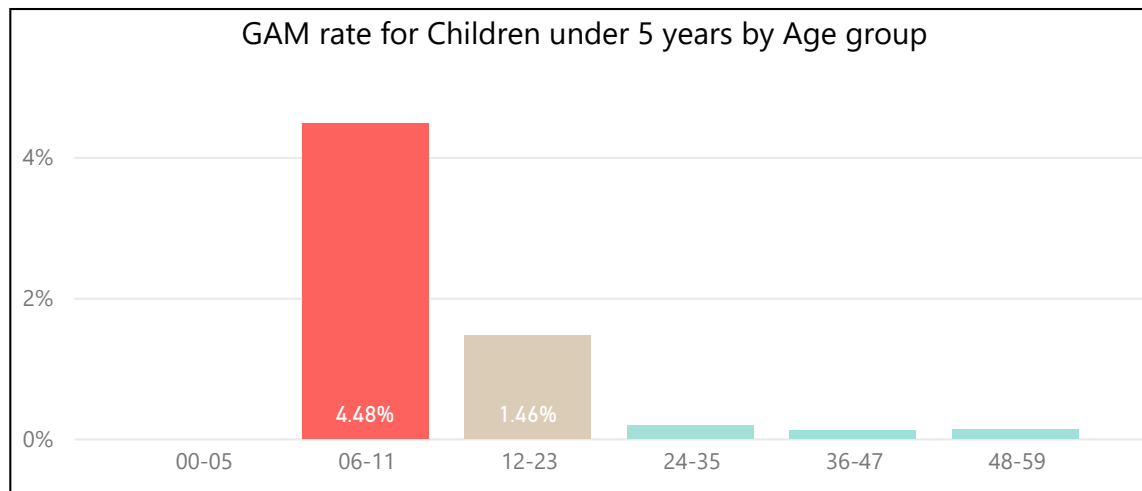


37582
Children screened

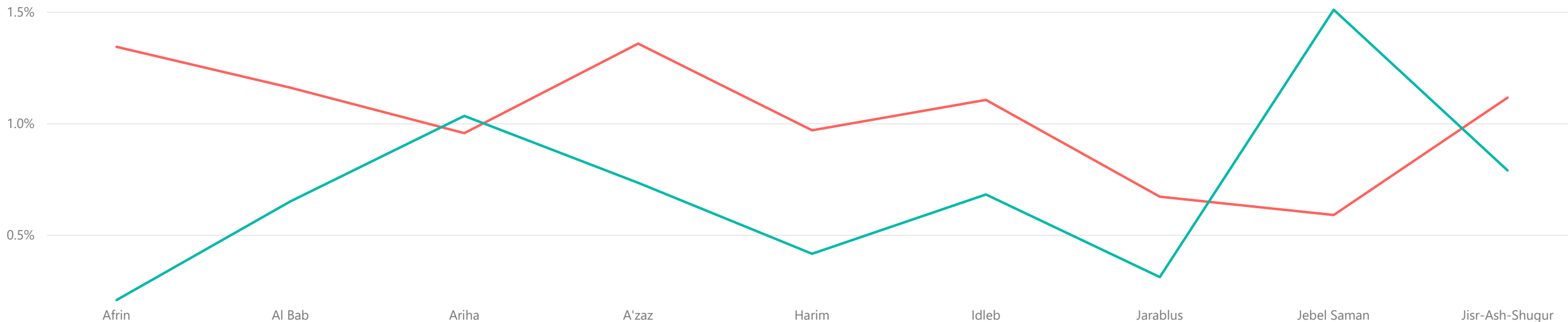
25298
Screened IDP

12284
Screened Resident

1.25%
GAM rate 06-59



IdpStatus ● IDP ● Resident

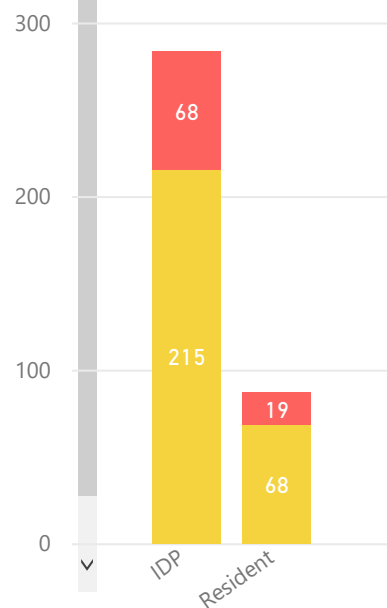


GAM Rate Trends Analysis by district (Children Under 5)

Month	Gov	District	Idp Status	Malnutrition Cases	Screened	GAM RATE
202111	Aleppo	Afrin	IDP	72	5363	1.34%
202111	Aleppo	Afrin	Resident	2	967	0.21%
202111	Aleppo	Al Bab	IDP	27	2329	1.16%
202111	Aleppo	Al Bab	Resident	10	1540	0.65%
202111	Idleb	Ariha	IDP	6	628	0.96%
202111	Idleb	Ariha	Resident	24	2324	1.03%
202111	Aleppo	A'zaz	IDP	66	4864	1.36%
202111	Aleppo	A'zaz	Resident	6	819	0.73%
202111	Idleb	Harim	IDP	48	4958	0.97%
202111	Idleb	Harim	Resident	6	1448	0.41%
202111	Idleb	Idleb	IDP	28	2535	1.10%
202111	Idleb	Idleb	Resident	6	882	0.68%
202111	Aleppo	Jarablus	IDP	18	2685	0.67%
202111	Aleppo	Jarablus	Resident	4	1291	0.31%
202111	Aleppo	Jebel Saman	IDP	4	680	0.59%
202111	Aleppo	Jebel Saman	Resident	11	729	1.51%
202111	Idleb	Jisr-Ash-Shugur	IDP	14	1256	1.11%
Total				370	37582	0.98%

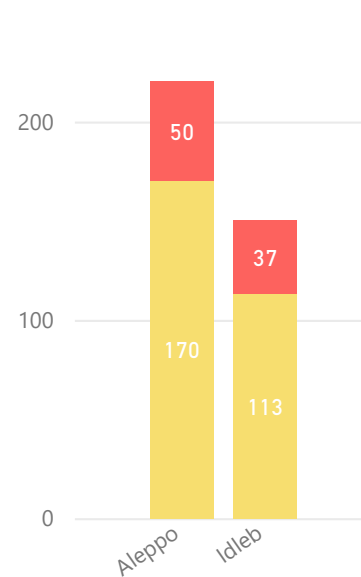
MAM and SAM by IdpStatus

● MAM ● SAM



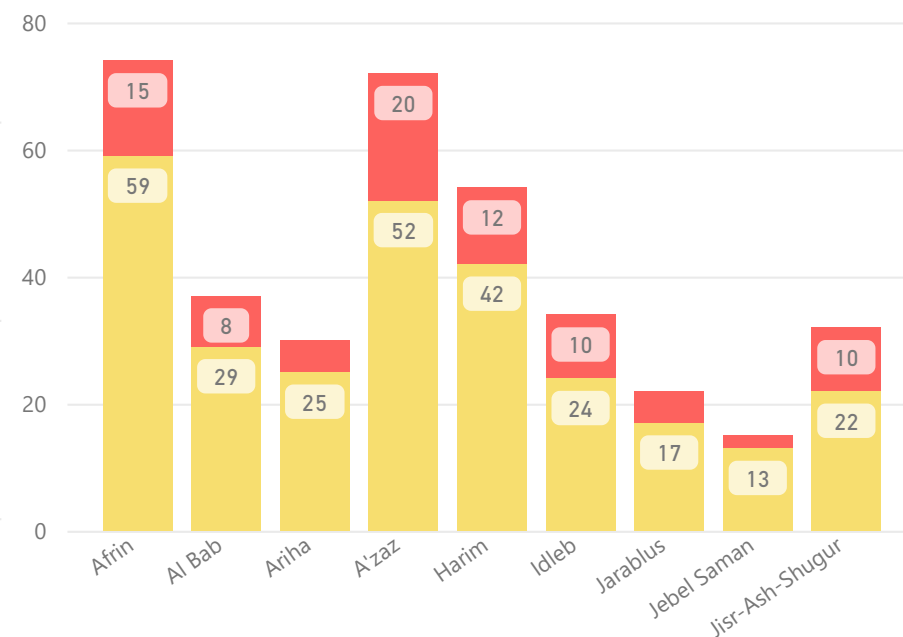
MAM and SAM by Gov

● MAM ● SAM



MAM and SAM by District

● MAM ● SAM



370

GAM cases

365

Cases Followed

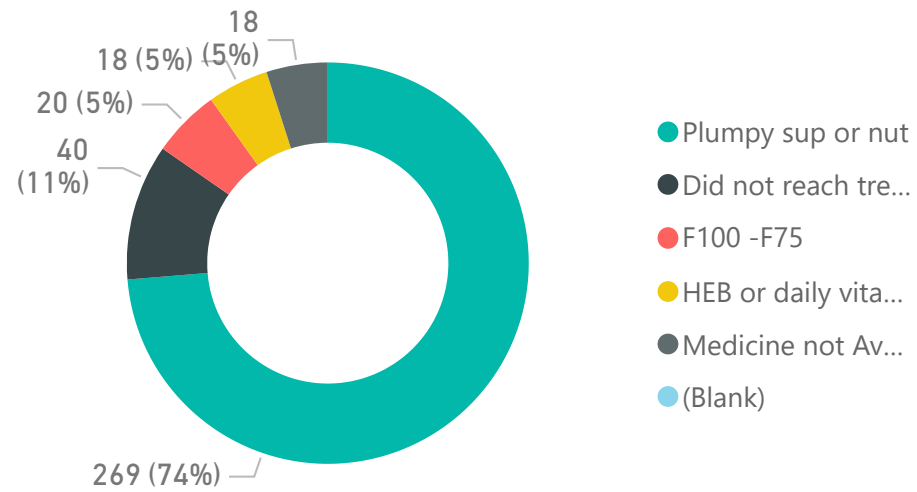
40

Cases did not reach treatment centers

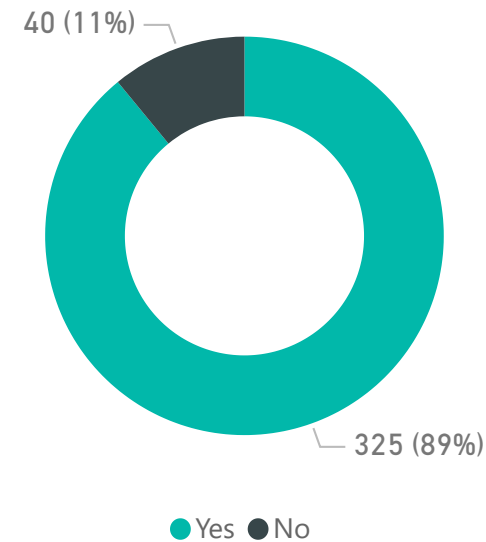
5

To be Followed

Treatment Received



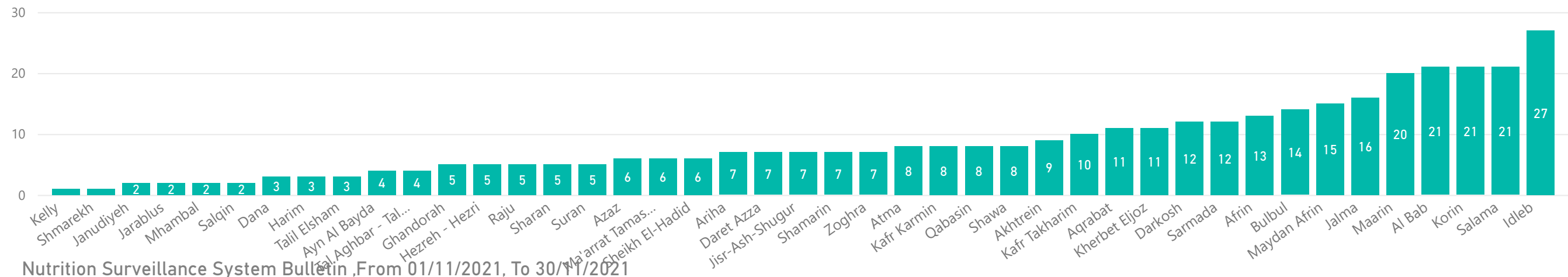
Cases visited treatment centers



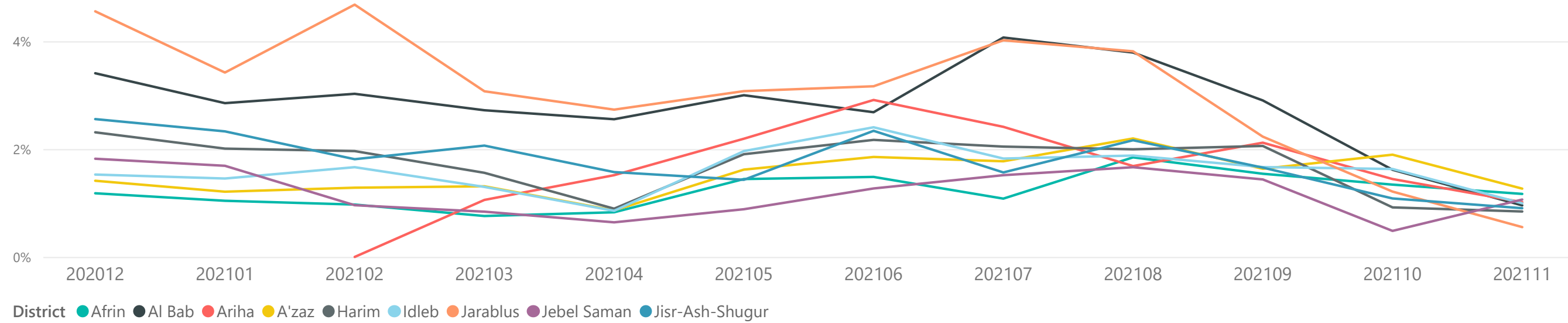
Communities with no treatment centers

Al Bab
Bulbul
Jisr-Ash-Shugur
Shamarin
Shawa
Suran
Talil Elsham

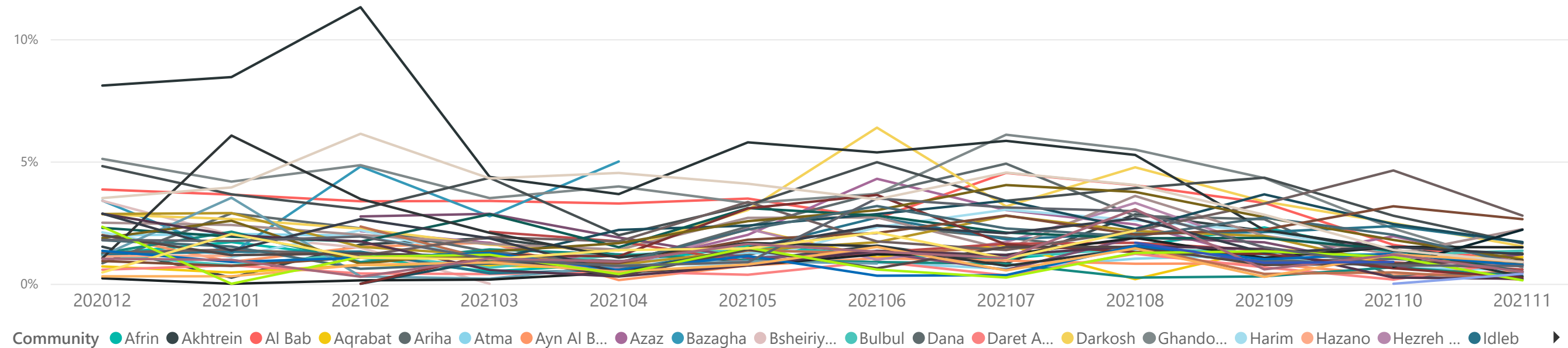
Referral Cases by community



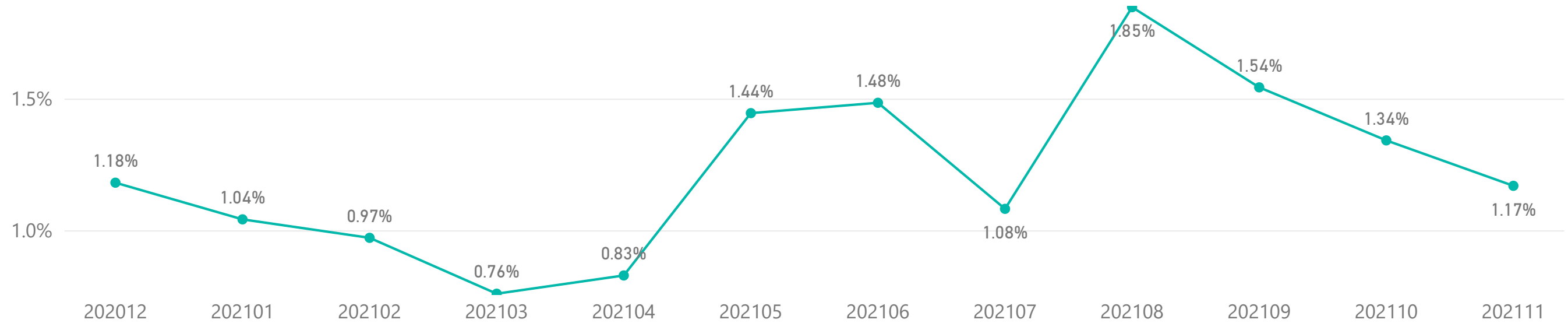
GAM Rate 0-59 by Month and District



GAM Rate 0-59 by Month and Community

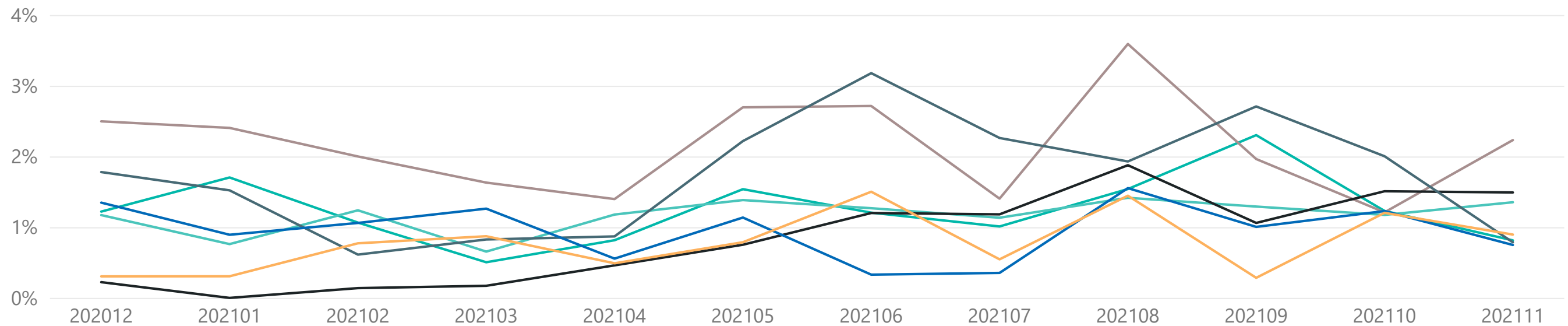


GAM Rate 0-59 by Month and District



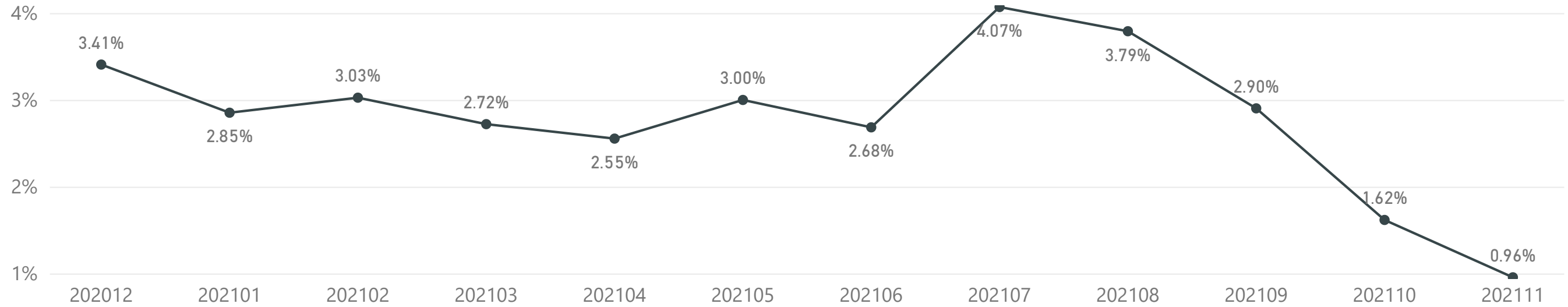
District ● Afrin

GAM Rate 0-59 by Month and Community



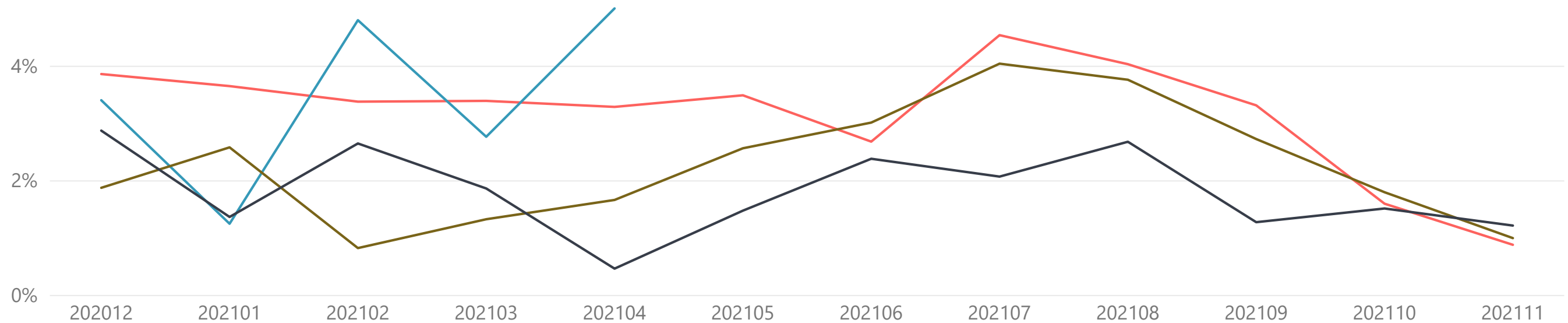
Community ● Afrin ● Bulbul ● Jalma ● Maydan Afrin ● Raju ● Sharan ● Sheikh El-Hadid

GAM Rate 0-59 by Month and District



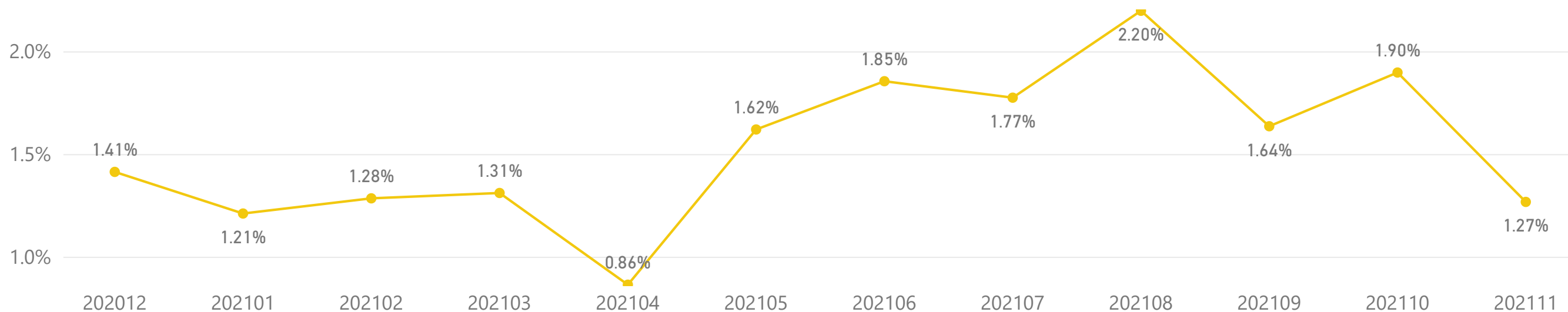
District ● Al Bab

GAM Rate 0-59 by Month and Community



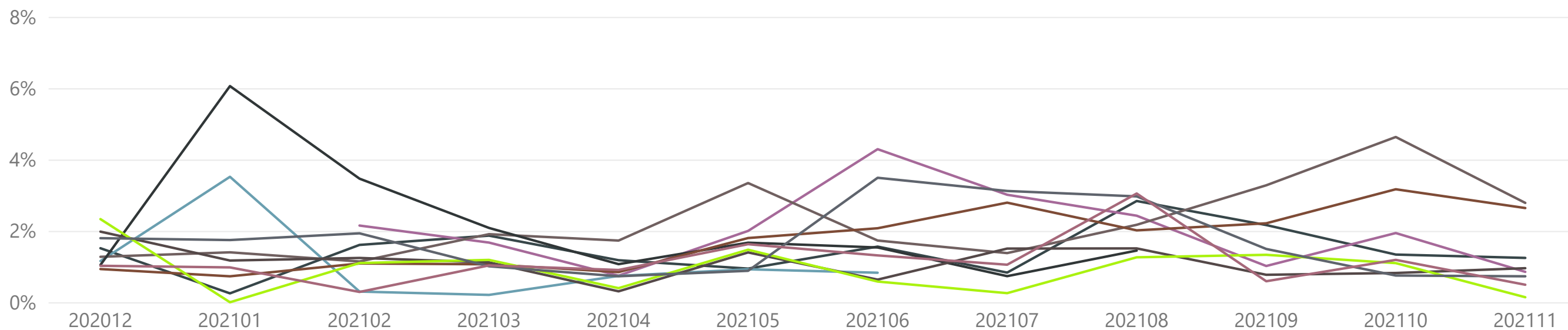
Community ● Al Bab ● Bazagha ● Qabasin ● Shawa

GAM Rate 0-59 by Month and District



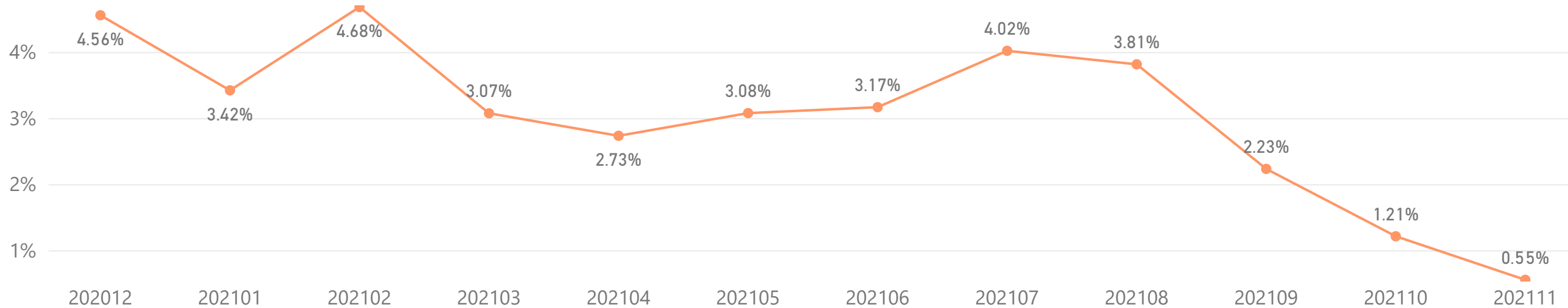
District ● A'zaz

GAM Rate 0-59 by Month and Community



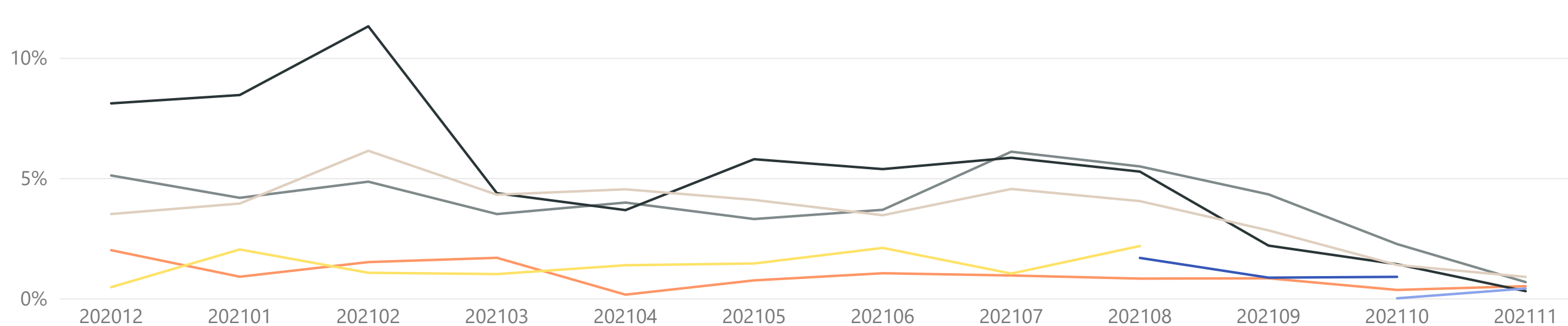
Community ● Akhtrein ● Azaz ● Kafra ● Maarin ● Rael ● Salama ● Shamarin ● Shmarekh ● Suran ● Talil Elsham

GAM Rate 0-59 by Month and District



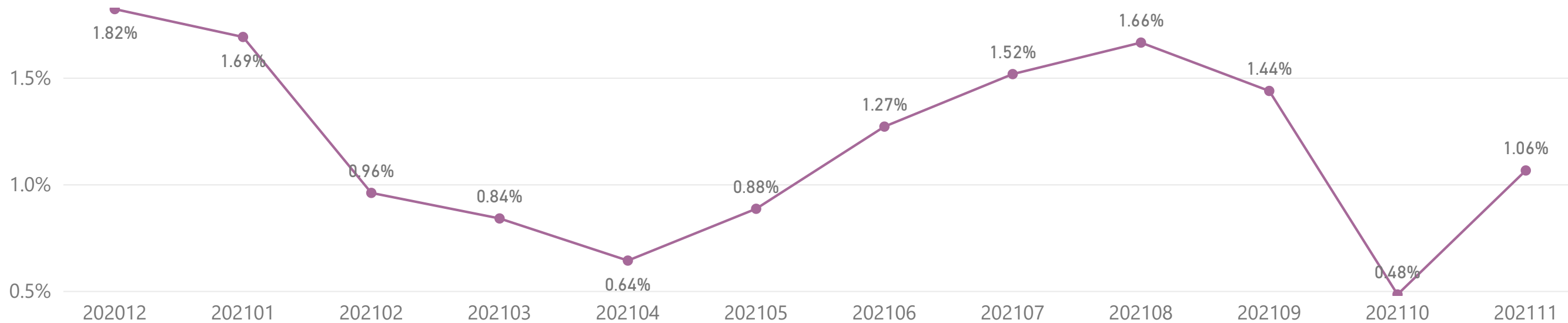
District ● Jarablus

GAM Rate 0-59 by Month and Community



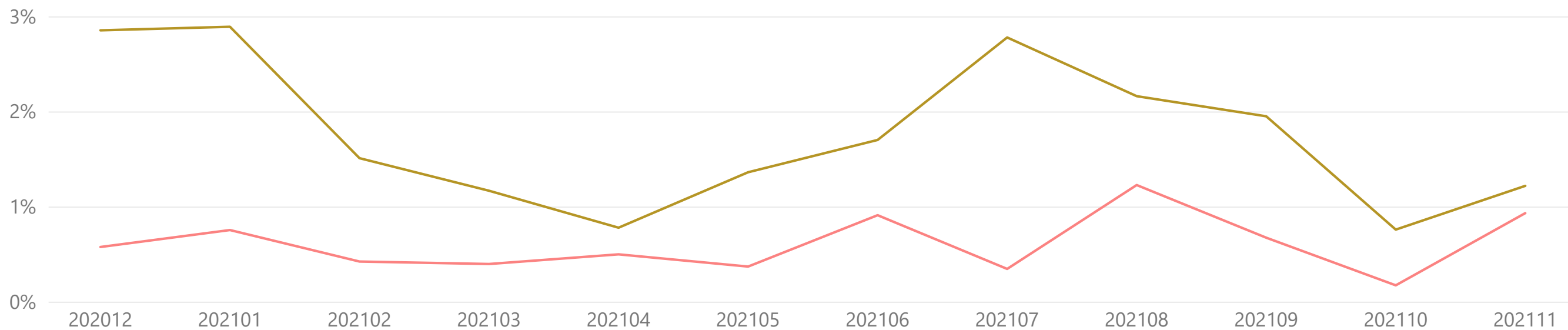
Community ● Ayn Al Bayda ● Ghandorah ● Jarablus ● Tal Aghbar - Tal Elagher ● Tal Elhajar - Tal Elahamar ● Thaheriya Jrables ● Zoghra

GAM Rate 0-59 by Month and District



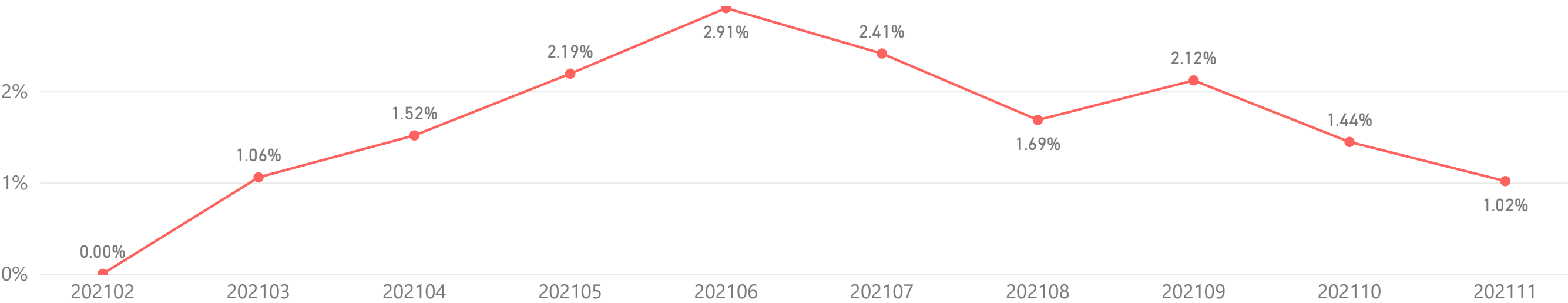
District ● Jebel Saman

GAM Rate 0-59 by Month and Community



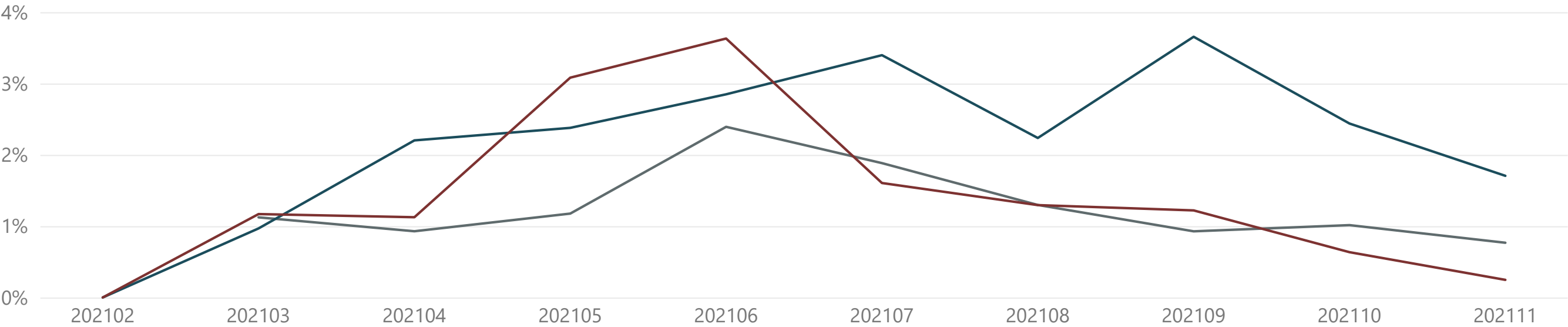
Community ● Daret Azza ● Kafr Karmin

GAM Rate 0-59 by Month and District



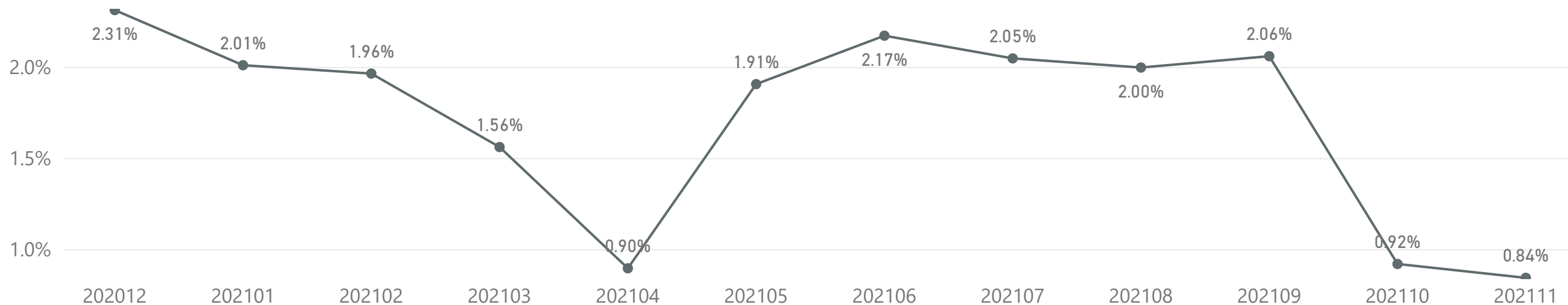
District ● Ariha

GAM Rate 0-59 by Month and Community



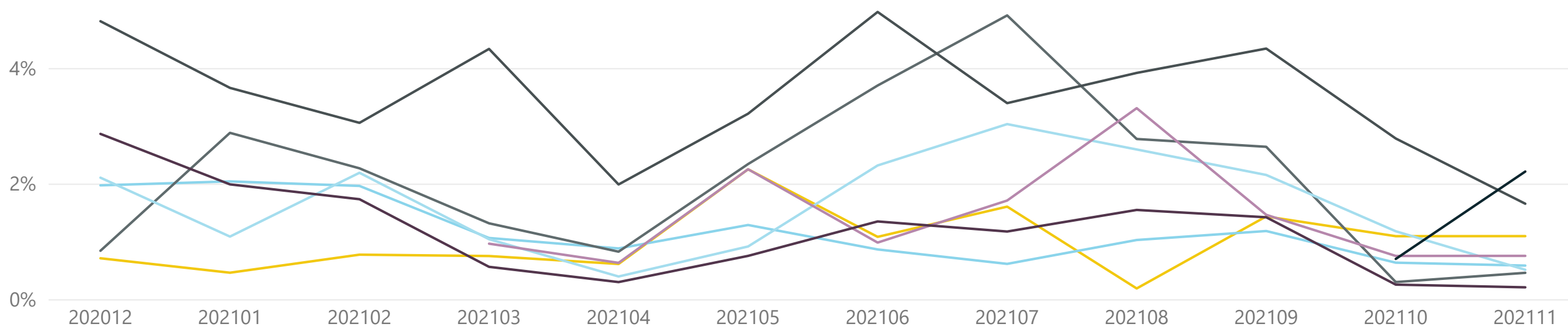
Community ● Ariha ● Korin ● Mhambal

GAM Rate 0-59 by Month and District



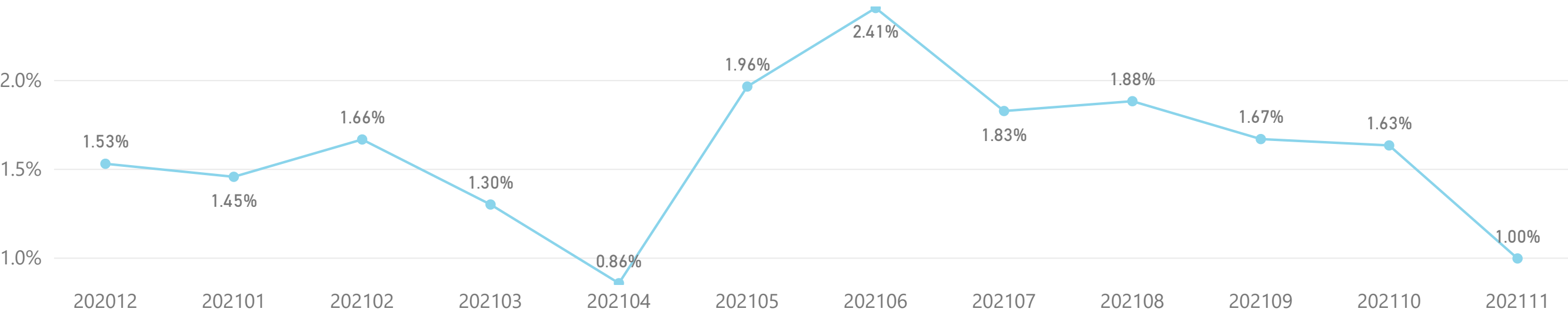
District ● Harim

GAM Rate 0-59 by Month and Community



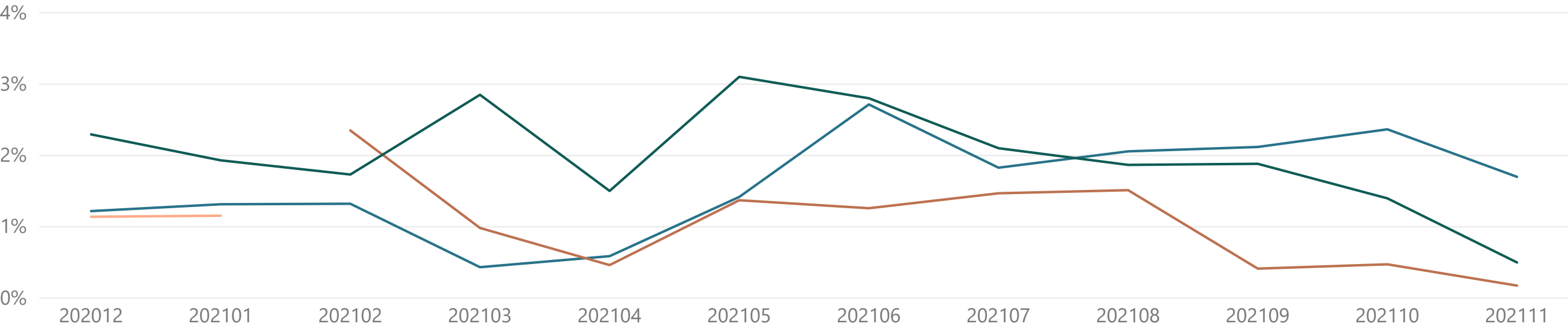
Community ● Aqrabat ● Atma ● Dana ● Harim ● Hezreh - Hezri ● Kafr Takharim ● Salqin ● Sarmada

GAM Rate 0-59 by Month and District



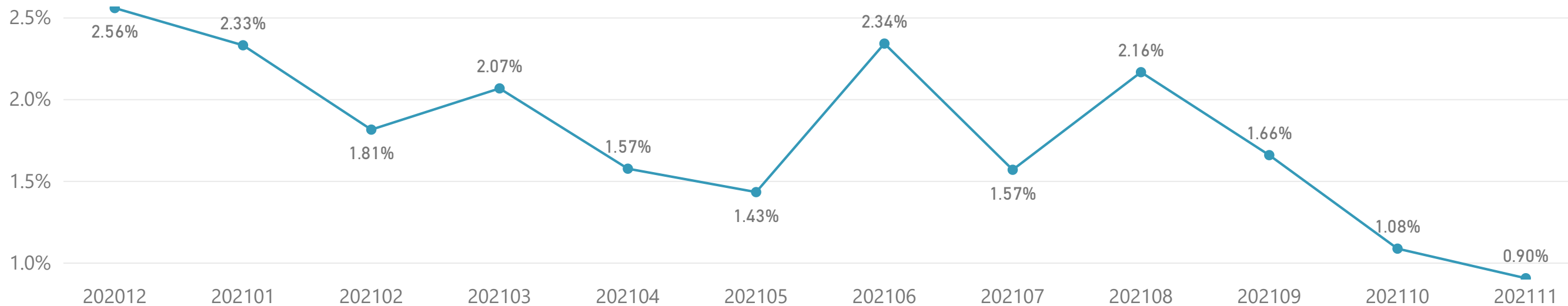
District ● Idleb

GAM Rate 0-59 by Month and Community



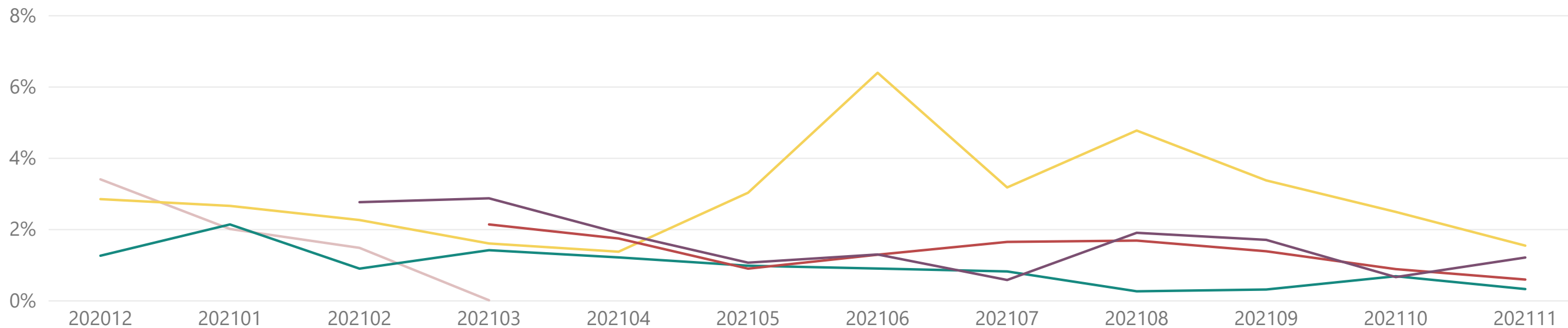
Community ● Hazano ● Idleb ● Kelly ● Ma'arrat Tamasrin

GAM Rate 0-59 by Month and District



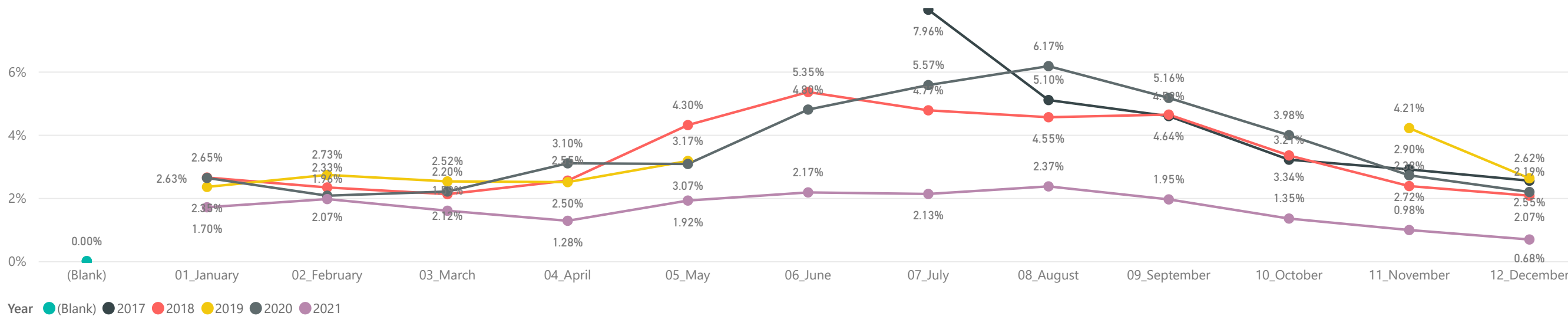
District ● Jisr-Ash-Shugur

GAM Rate 0-59 by Month and Community

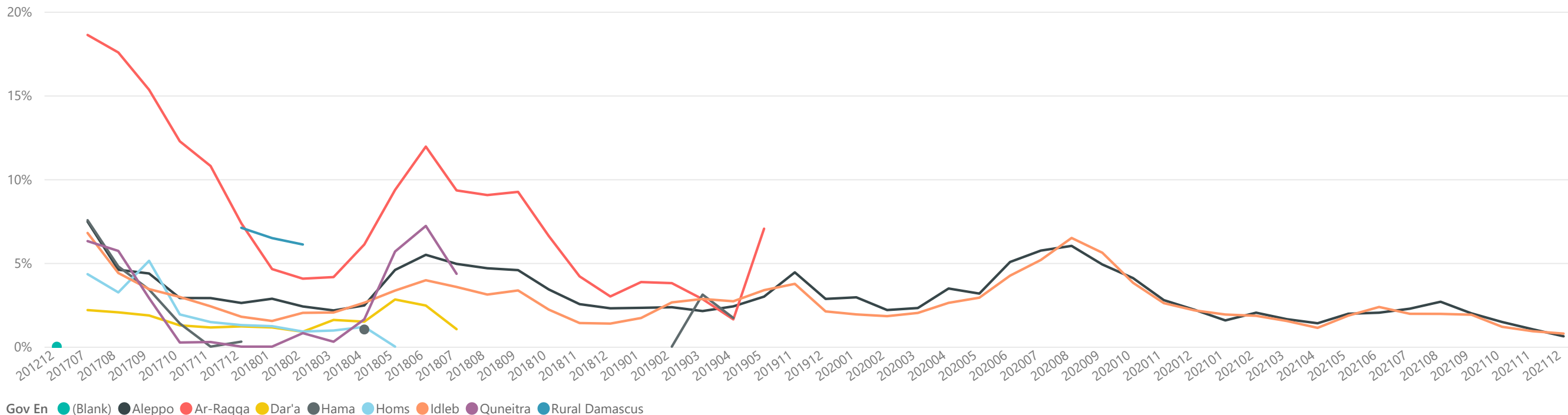


Community ● Bsheiriyeh - Bello ● Darkosh ● Janudiyeh ● Jisr-Ash-Shugur ● Kherbet Eljoz

GAM Rate Trends Analysis by Year (Children Under 5)



GAM Rate Trends Analysis by Gov / Month / Year (Children Under 5) :

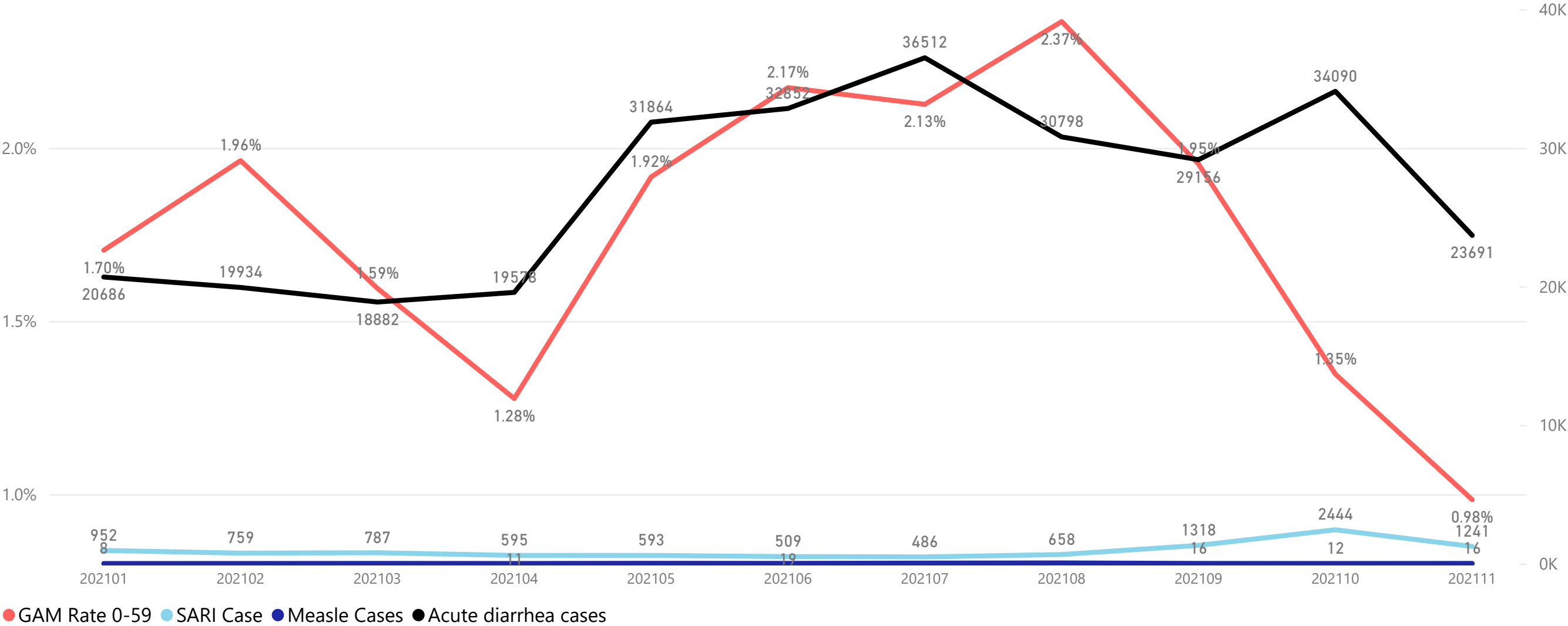


Children Screend for malnutrition ▼

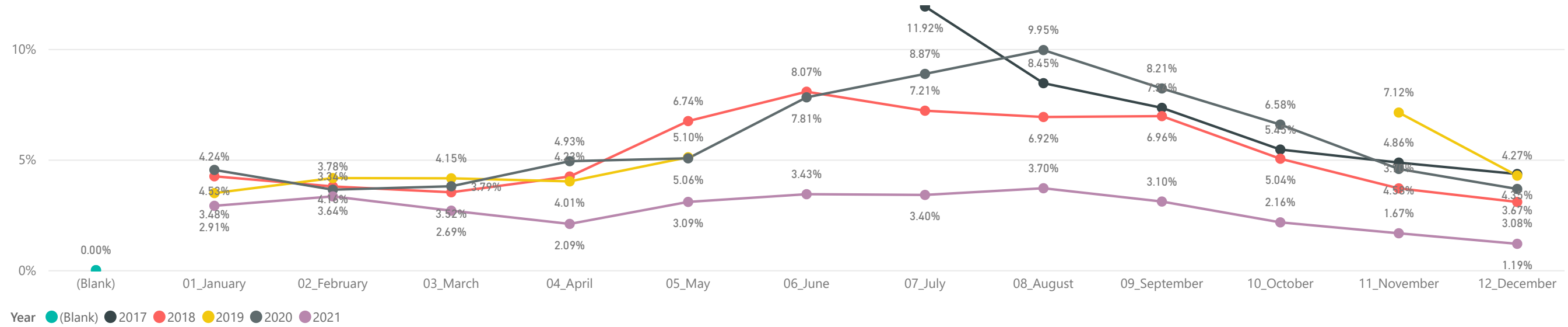
- ☒ Select all
- ☐ No
- ☒ Yes

Year ▼
2021 ▼

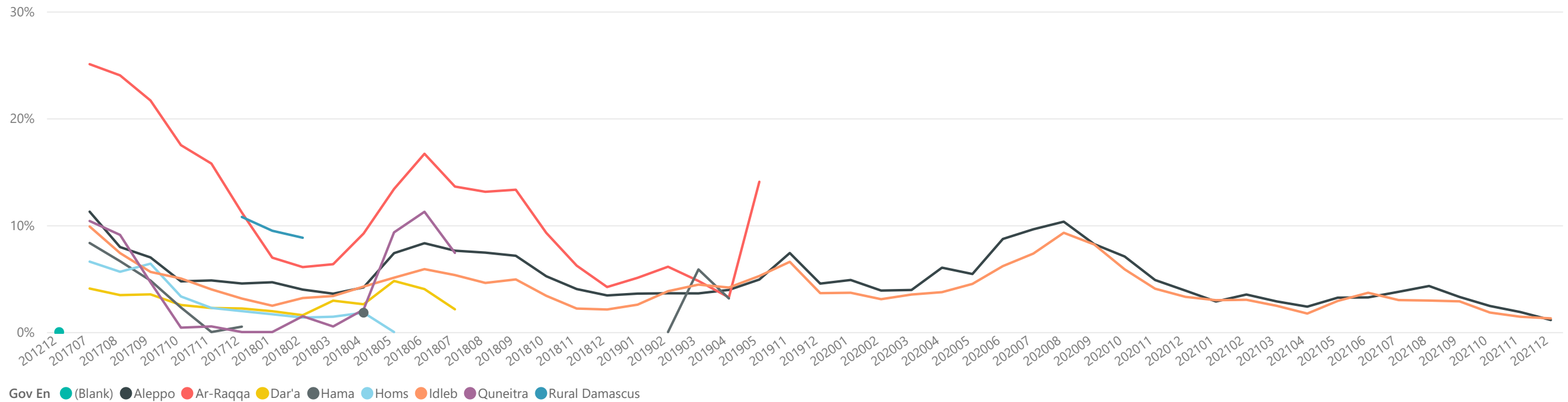
GAM Rate compared by SARI ,Measle and Acute diarrhea cases



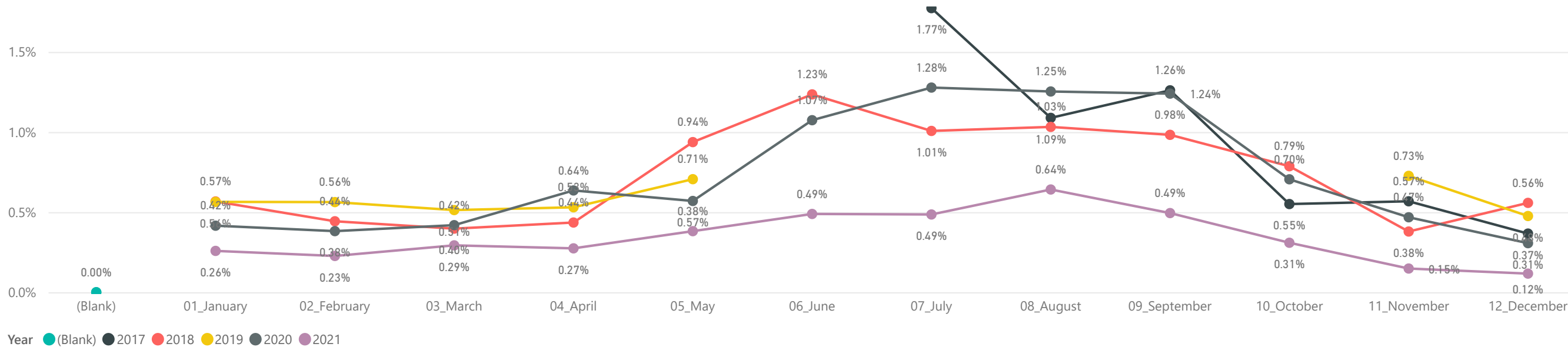
GAM Rate Trends Analysis by Year (Children <2):



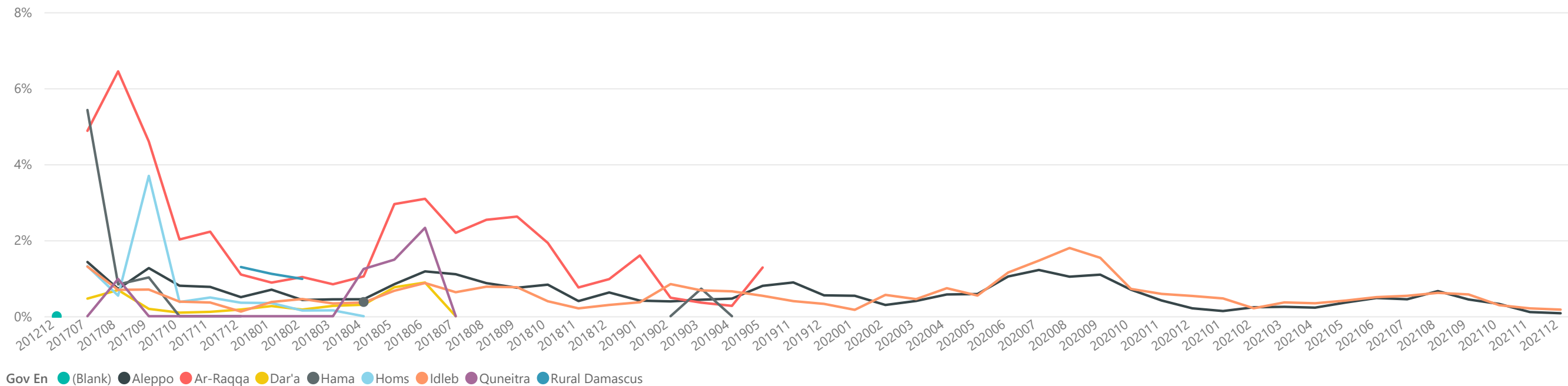
GAM Rate Trends Analysis by Gov / Month / Year ((Children <2):



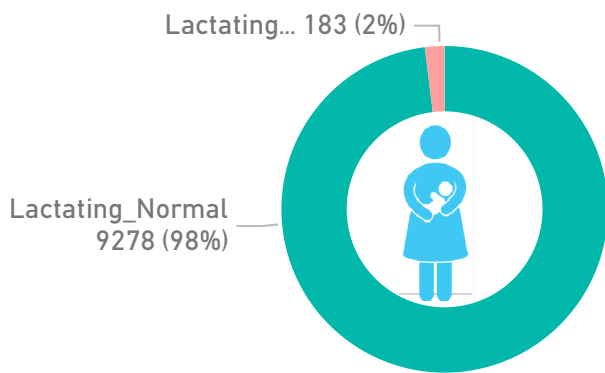
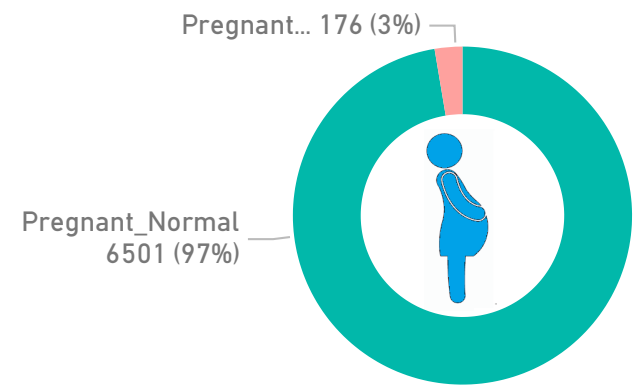
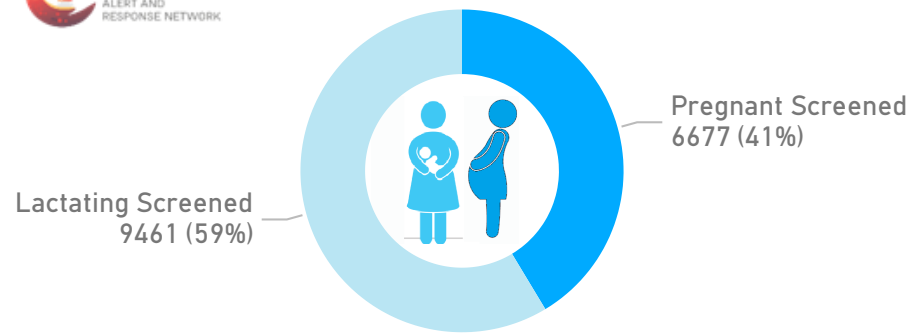
GAM Rate Trends Analysis by Year (Children >2)



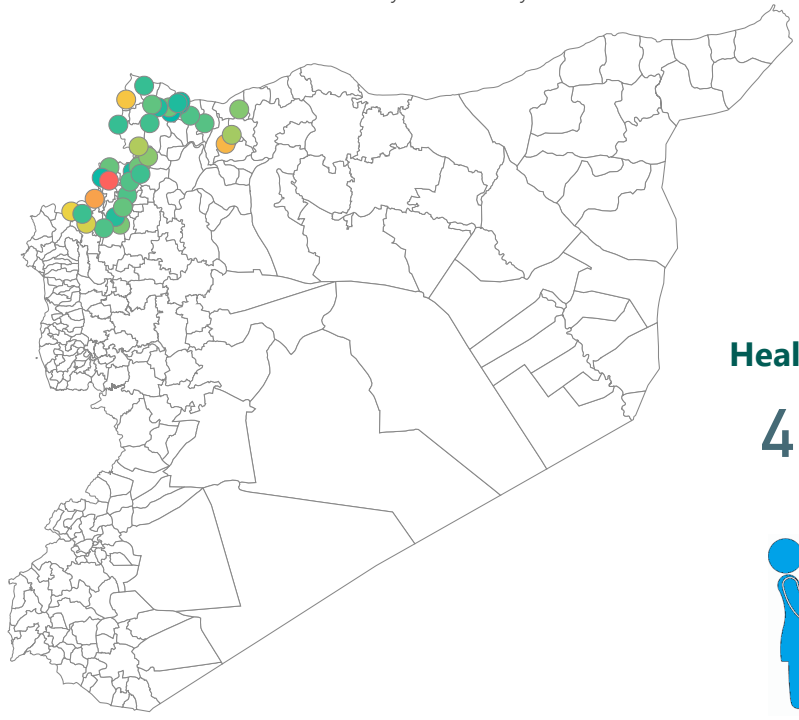
GAM Rate Trends Analysis by Gov / Month / Year (Children >2)



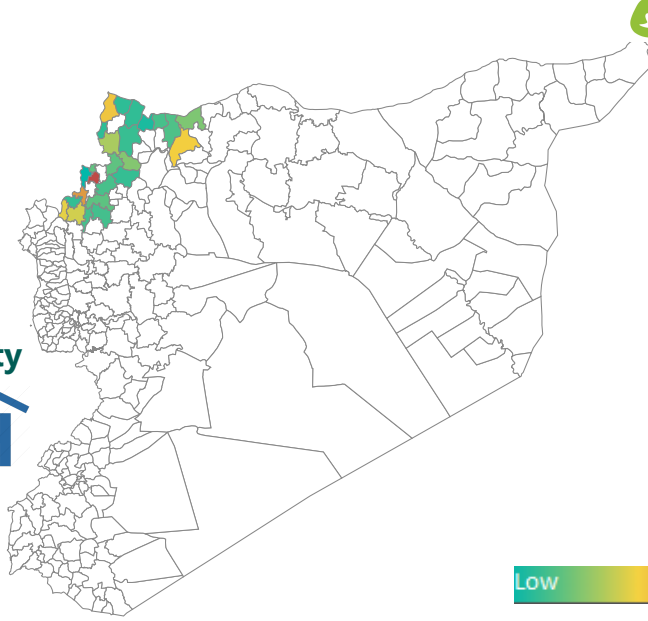
Nutrition Assessment Results - (Pregnant and Lactating Women)



PLW Manutrition by Community



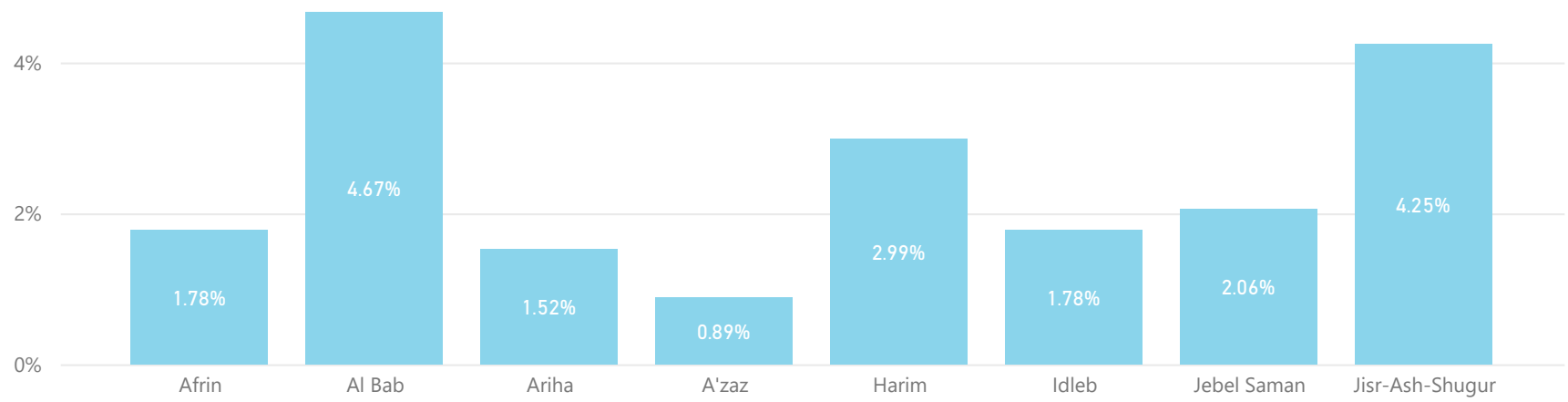
PLW Malnutrition rate by Subdistrict



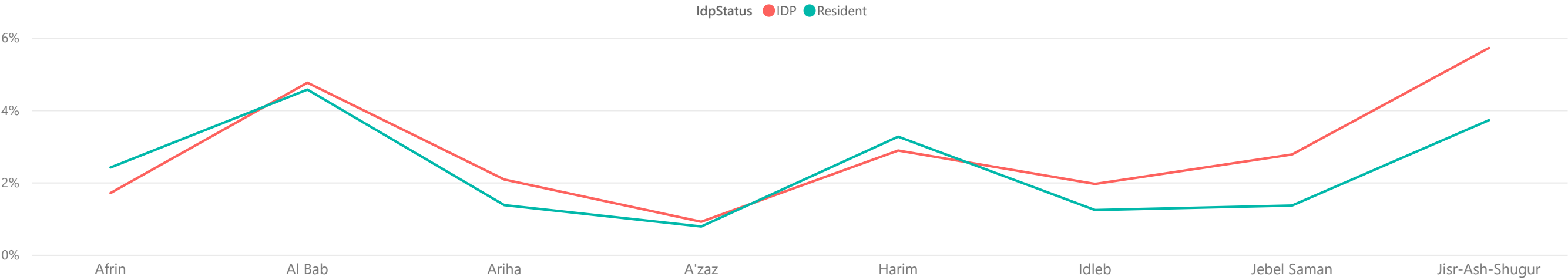
Health Facility
40 


16469 **2.20%** **229** **133**
PLW Screened **PLW Malnutrition rate** **Malnourished IDP** **Malnourished resident**

PLW Malnutrition rate by district



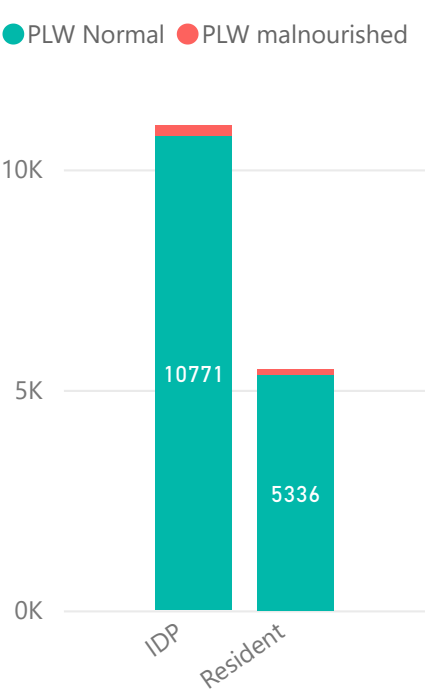
PLW MAM rate by Dist and IDP Status



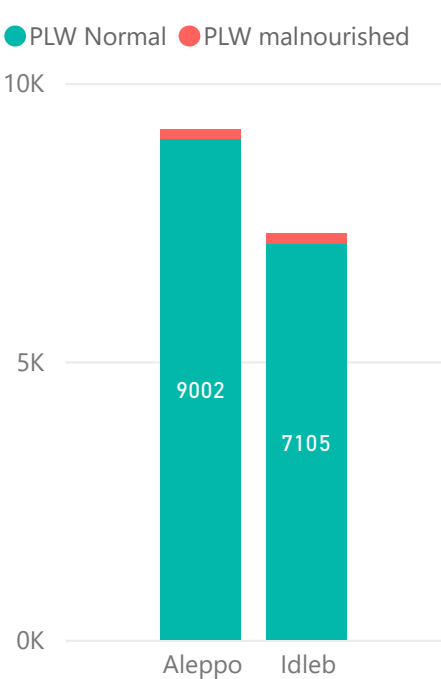
PLW Total

IDP Status	Gov	PLW Normal	PLW malnourished	PLW Screened	PLW MAM Rate
IDP	Aleppo	7244	126	7370	1.71%
IDP	Idleb	3527	103	3630	2.84%
Resident	Aleppo	1758	42	1800	2.33%
Resident	Idleb	3578	91	3669	2.48%
Total		16107	362	16469	2.20%

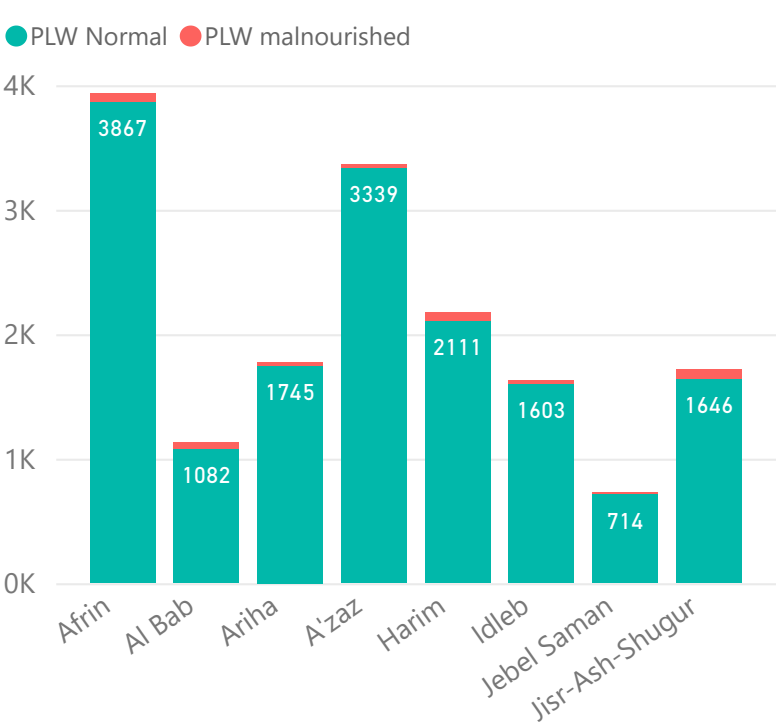
PLW Normal and PLW malnourished by IDP Status



PLW Normal and PLW malnourished by Gov

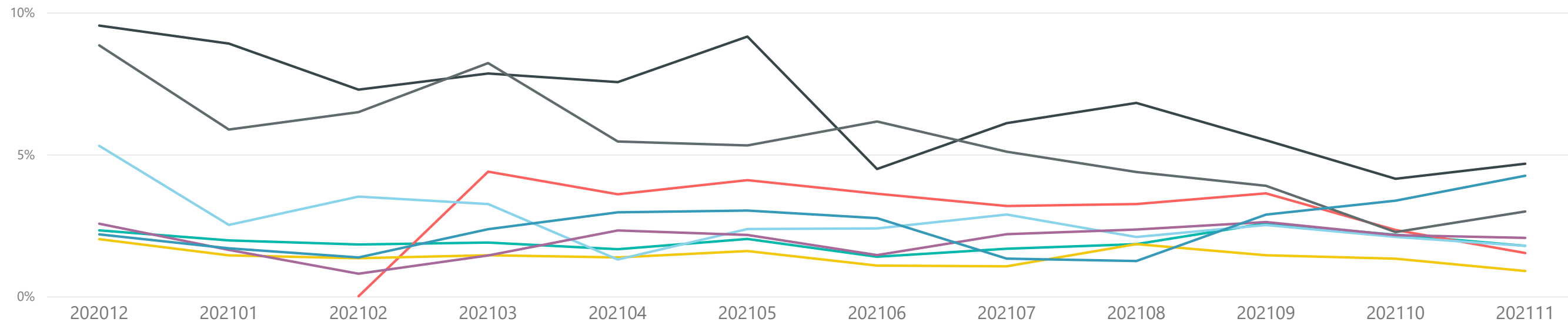


PLW Normal and PLW malnourished by District

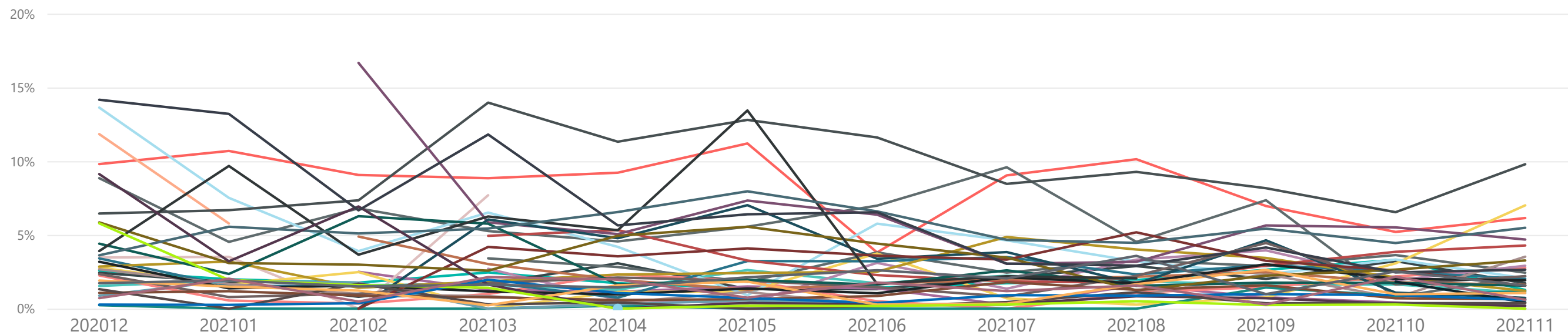


Age of marriage	IDP Status	PLW malnourished	PLW MAM rate
over18	IDP	1.53%	31.27%
over18	Resident	1.54%	17.39%
under18	IDP	2.56%	35.52%
under18	Resident	3.42%	15.82%
Total		2.20%	100.00%

PLW MAM Rate by Month and District

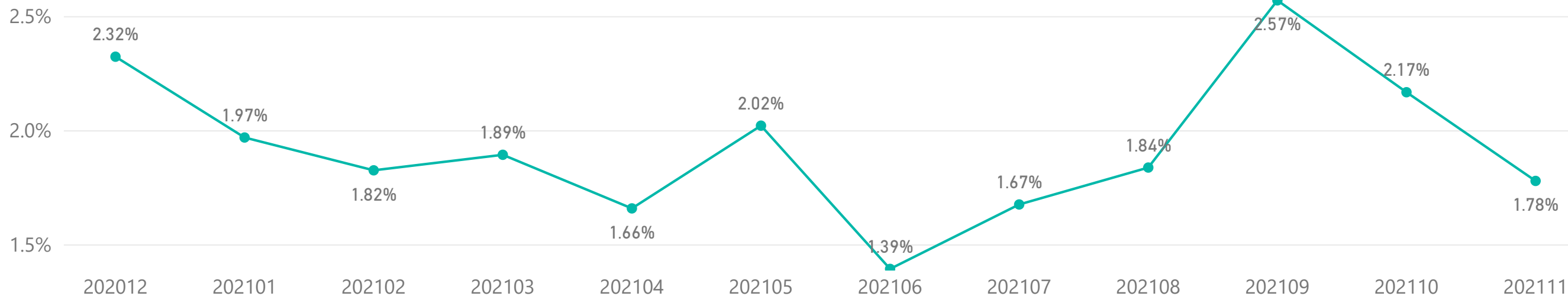


PLW MAM Rate by Month and Community



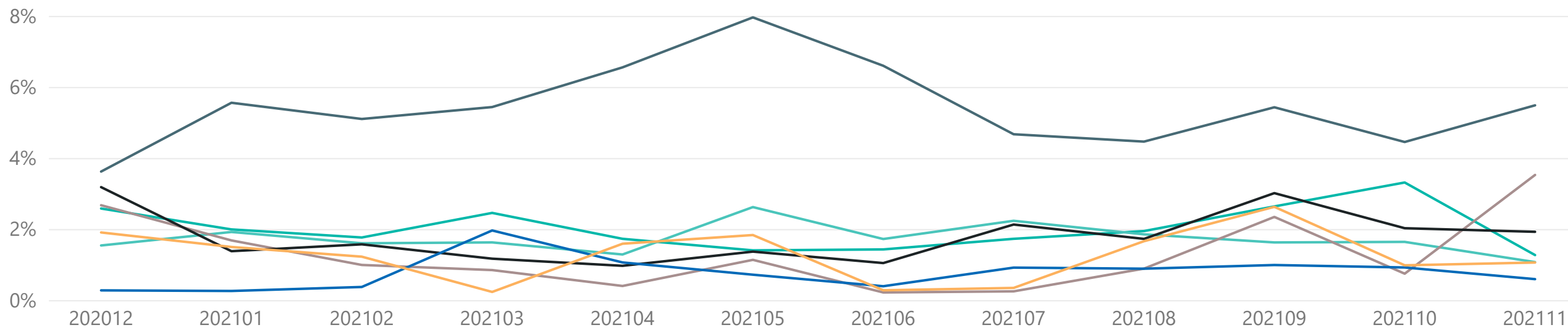
Community ● Afrin ● Akhtrein ● Al Bab ● Ariha ● Atma ● Azaz ● Bsheiriyah ● Bulbul ● Dana ● Daret Azzan ● Darkosh ● Harim ● Hazano ● Hezreh ... ● Idleb ● Jalma ● Janudiyeh ● Jisr-Ash-Shugur ● Kafr Karab ...

PLW MAM Rate by Month and District



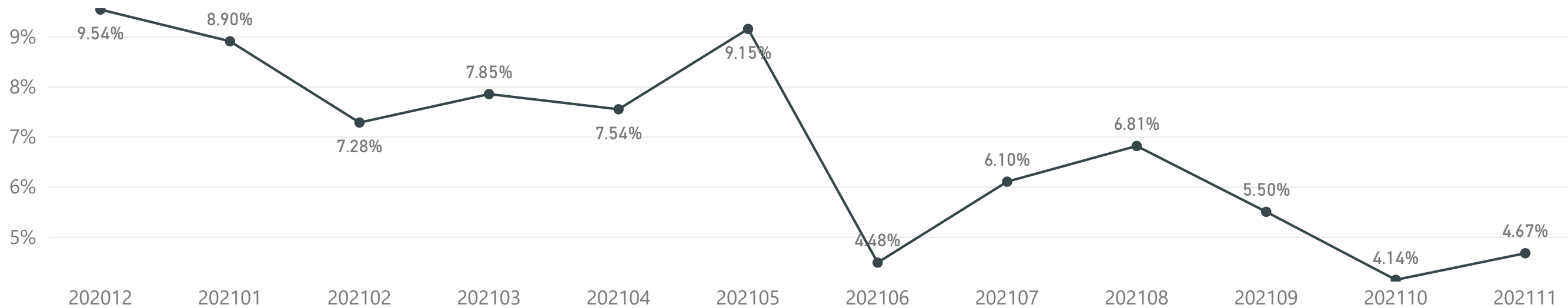
District ● Afrin

PLW MAM Rate by Month and Community



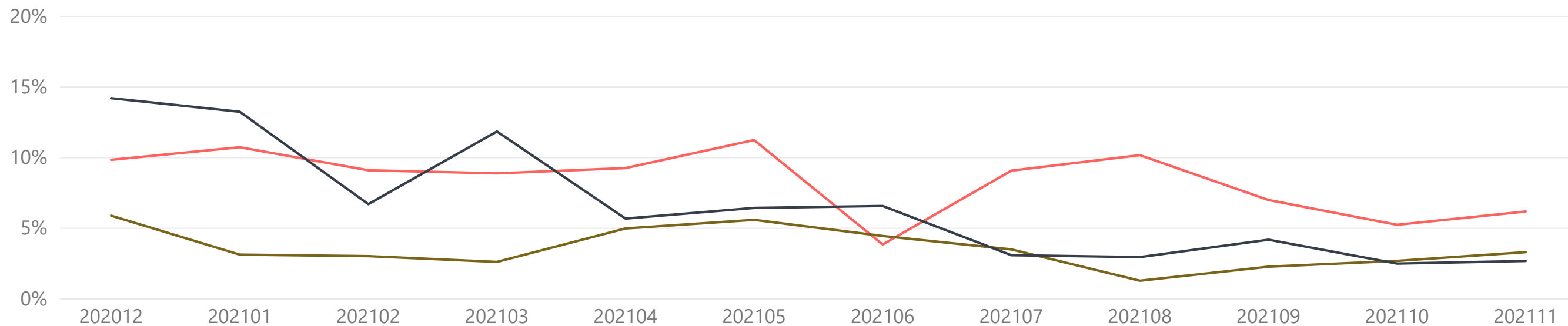
Community ● Afrin ● Bulbul ● Jalma ● Maydan Afrin ● Raju ● Sharan ● Sheikh El-Hadid

PLW MAM Rate by Month and District



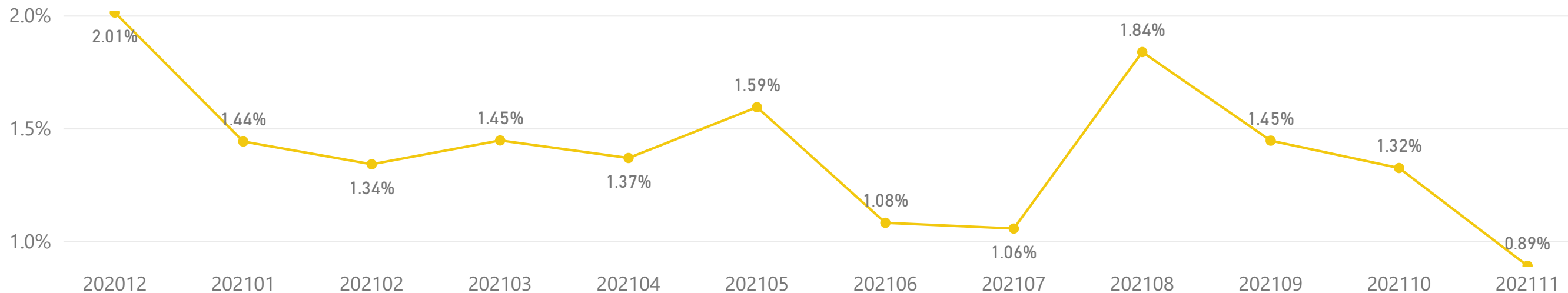
District ● Al Bab

PLW MAM Rate by Month and Community



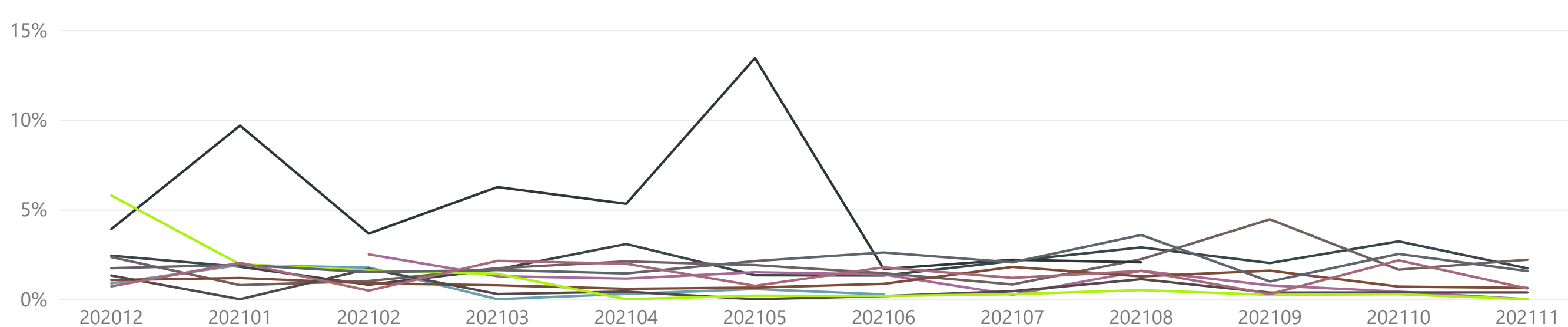
Community ● Al Bab ● Qabasin ● Shawa

PLW MAM Rate by Month and District



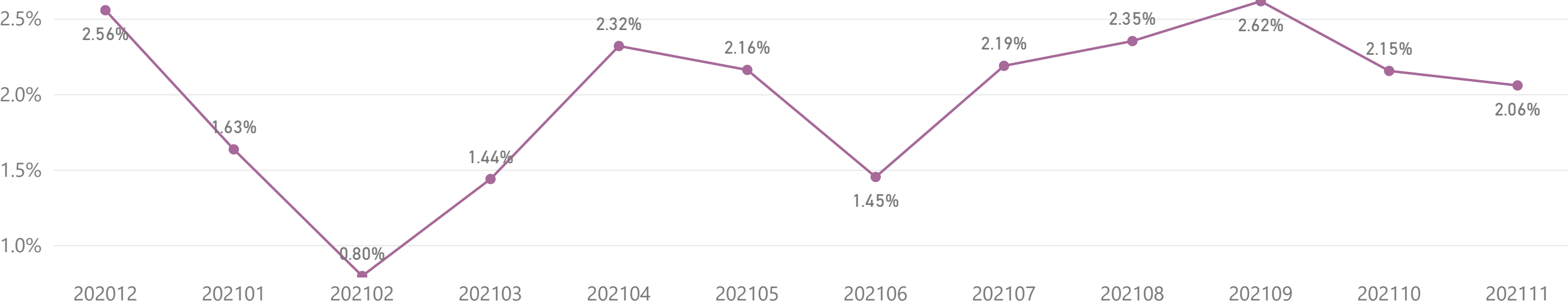
District ● A'zaz

PLW MAM Rate by Month and Community



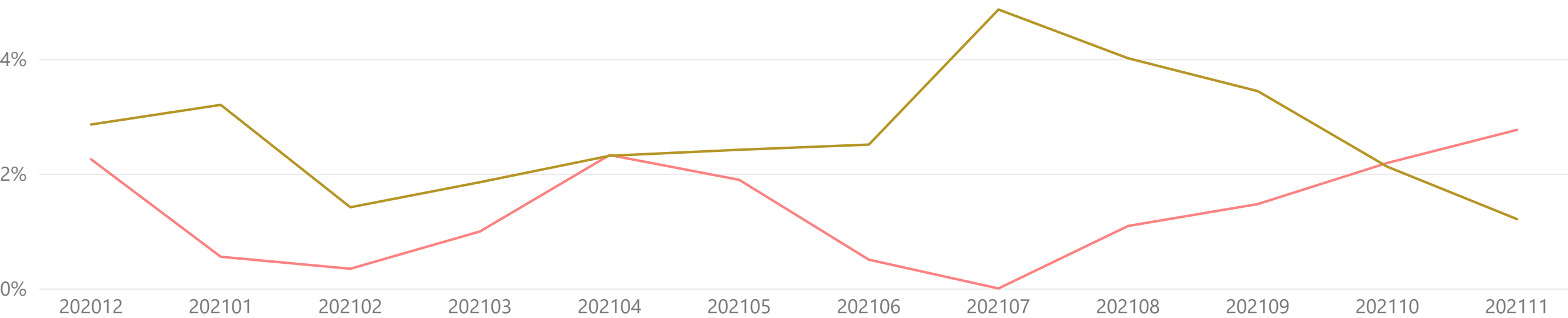
Community ● Akhtrein ● Azaz ● Kafra ● Maarin ● Rael ● Salama ● Shamardin ● Shmarekh ● Suran ● Talil Elsham

PLW MAM Rate by Month and District



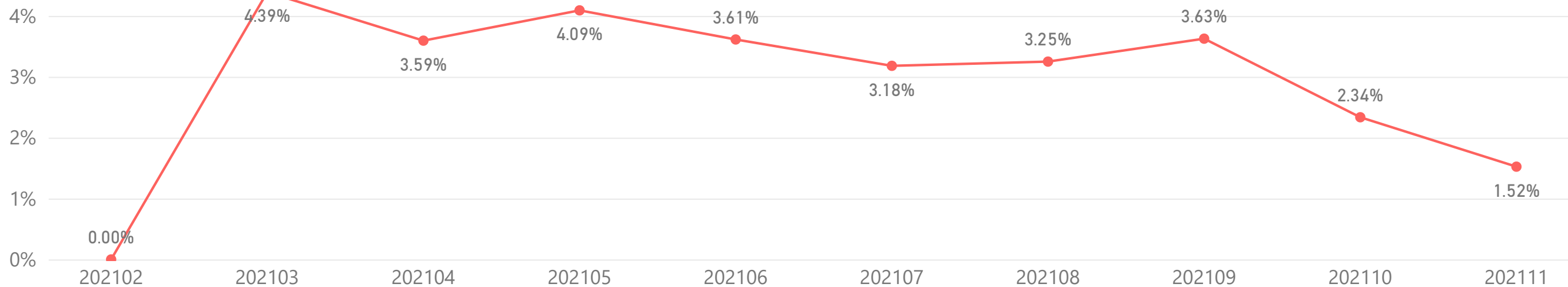
District ● Jebel Saman

PLW MAM Rate by Month and Community



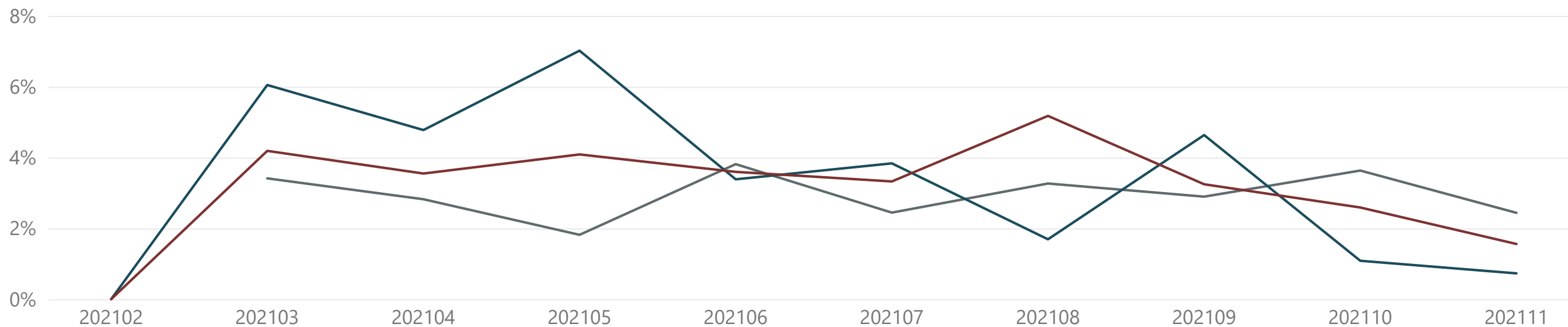
Community ● Daret Azza ● Kafr Karmin

PLW MAM Rate by Month and District



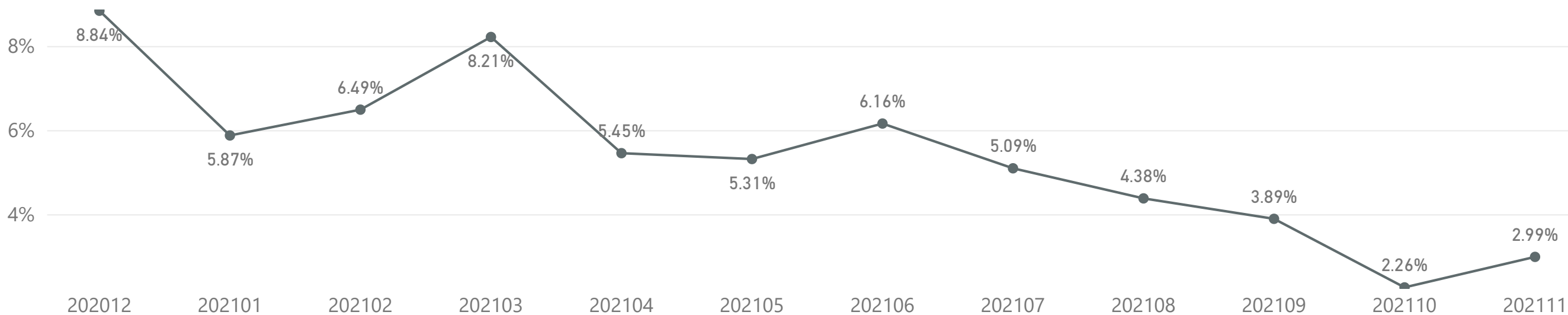
District ● Ariha

PLW MAM Rate by Month and Community



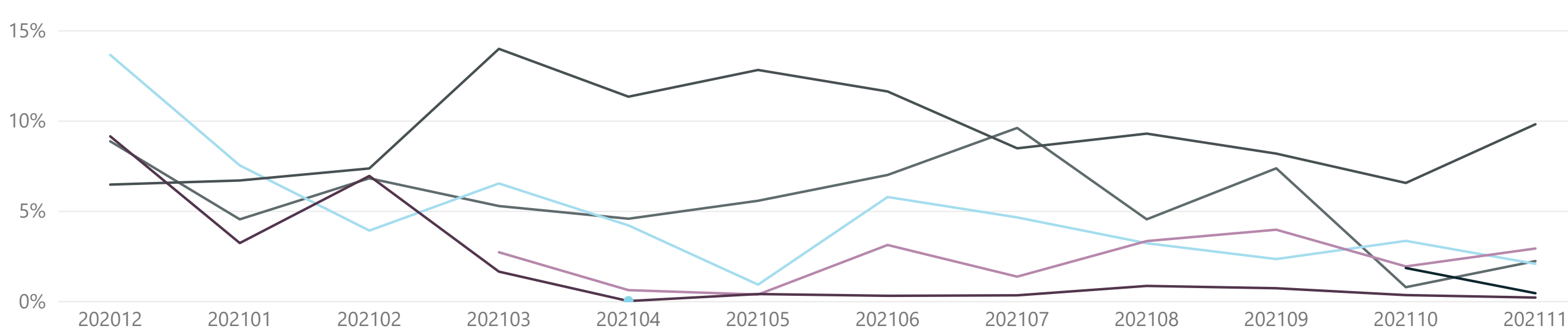
Community ● Ariha ● Korin ● Mhambal

PLW MAM Rate by Month and District



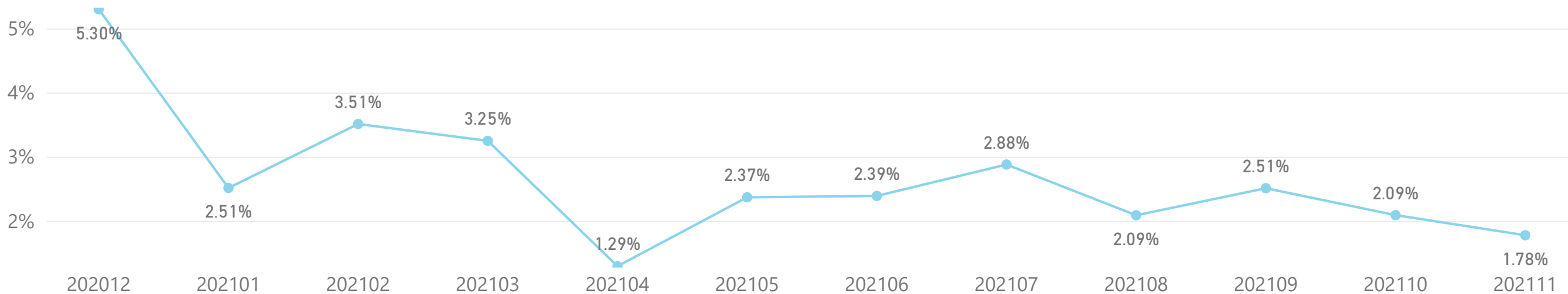
District ● Harim

PLW MAM Rate by Month and Community



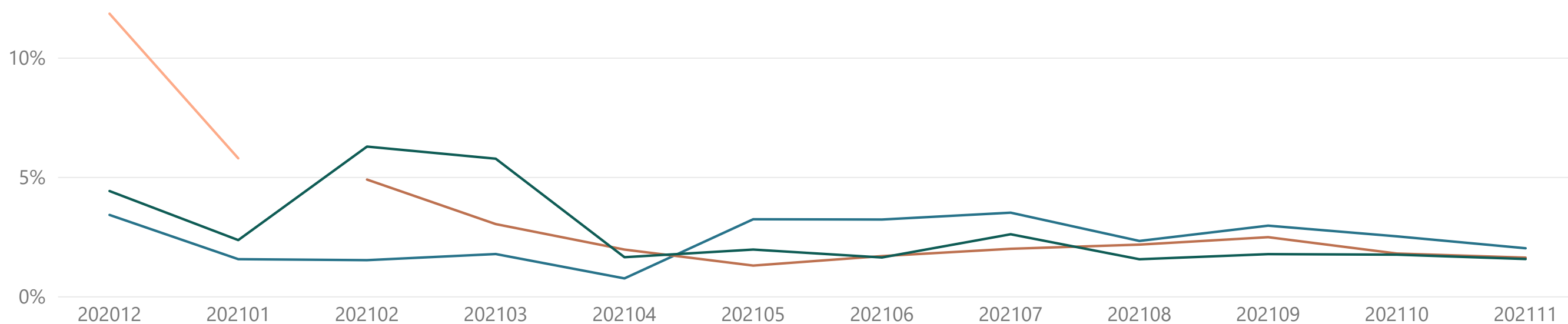
Community ● Atma ● Dana ● Harim ● Hezreh - Hezri ● Kafr Takharim ● Salqin ● Sarmada

PLW MAM Rate by Month and District



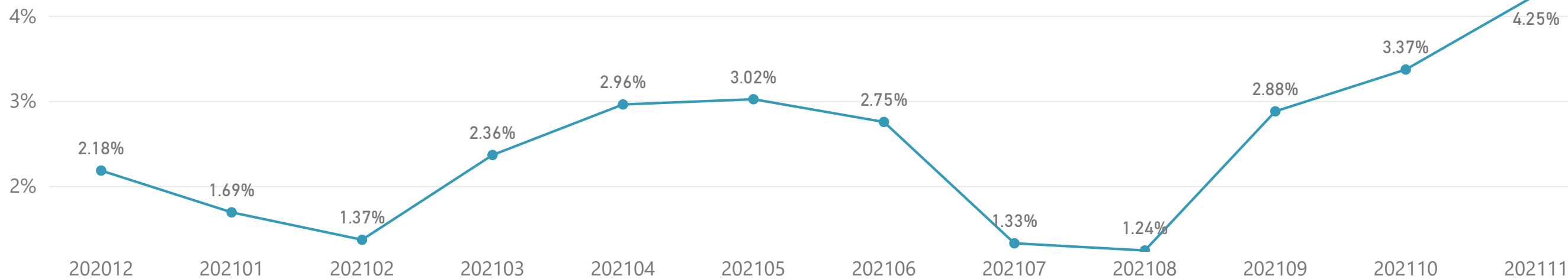
District ● Idleb

PLW MAM Rate by Month and Community



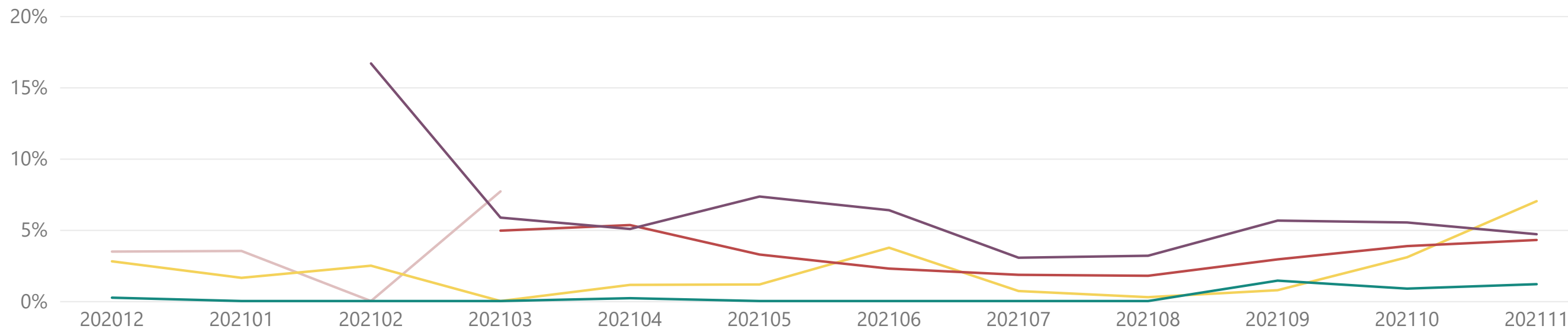
Community ● Hazano ● Idleb ● Kelly ● Ma'arrat Tamasrin

PLW MAM Rate by Month and District

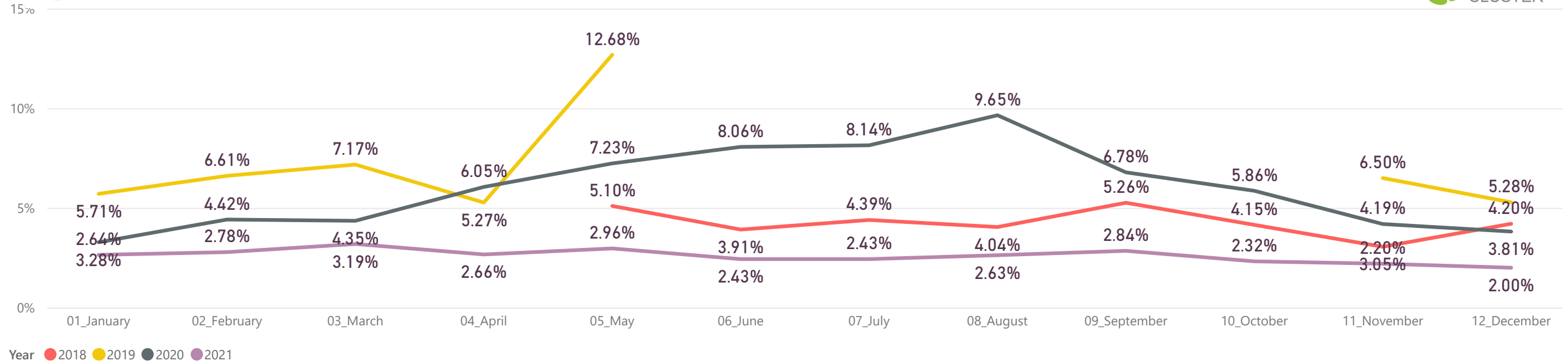


District ● Jisr-Ash-Shugur

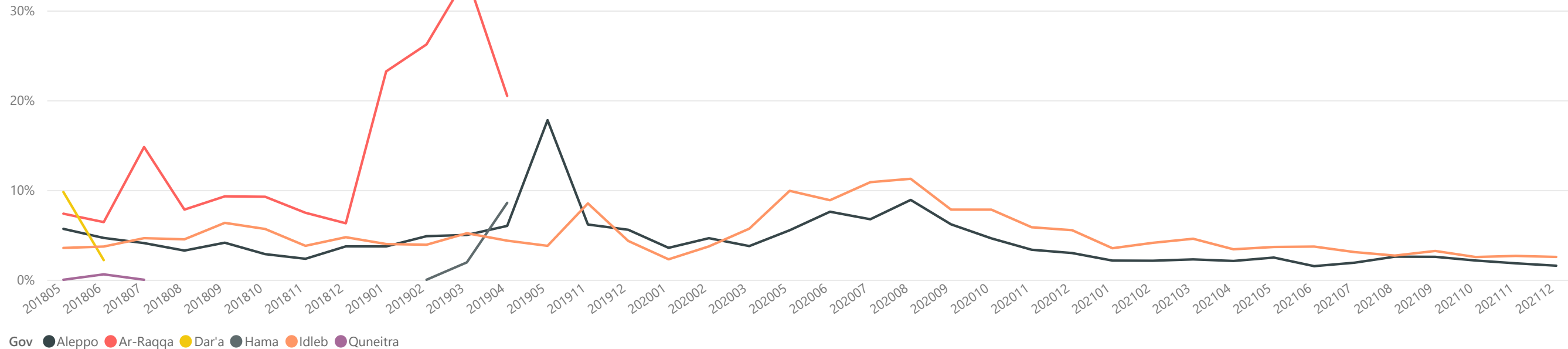
PLW MAM Rate by Month and Community



Community ● Bsheiriyeh - Bello ● Darkosh ● Janudiyeh ● Jisr-Ash-Shugur ● Kherbet Eljuz



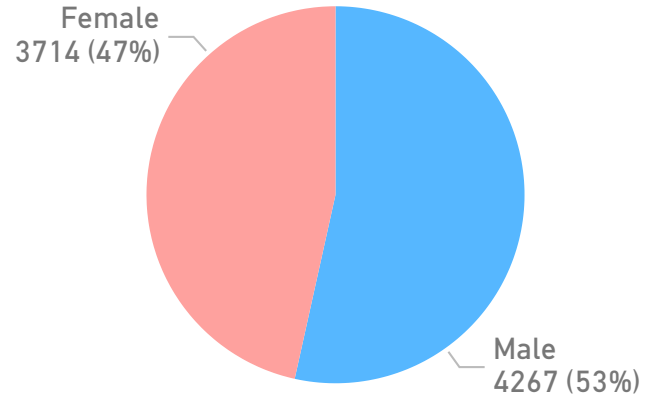
PLW MAM by Month and Gov



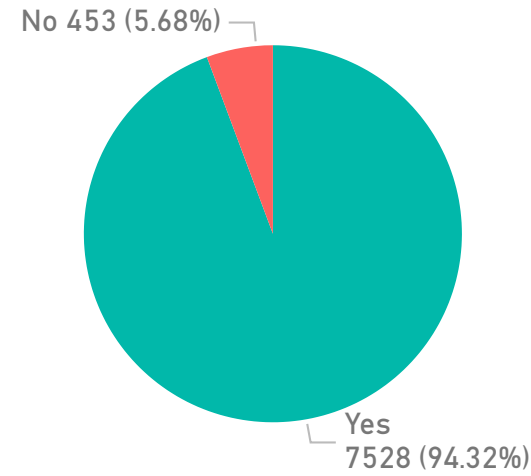
Children under 6 month Screened

7981

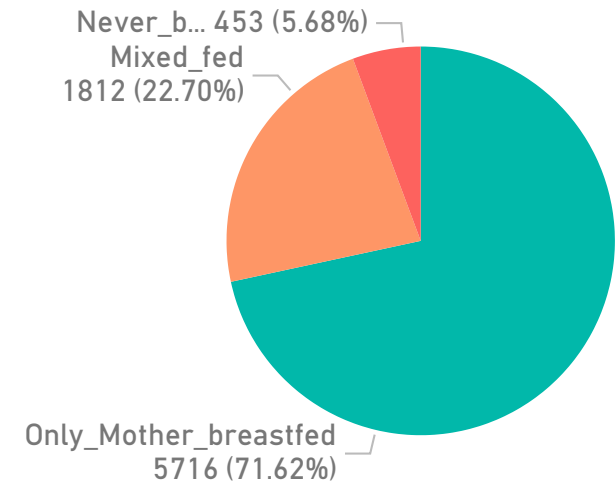
Sex Distribution



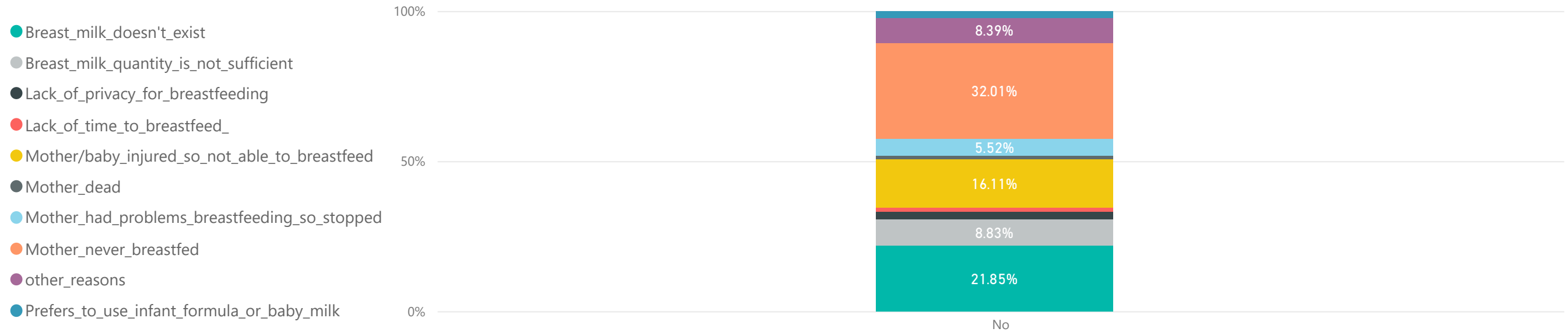
CBF-Breastfed



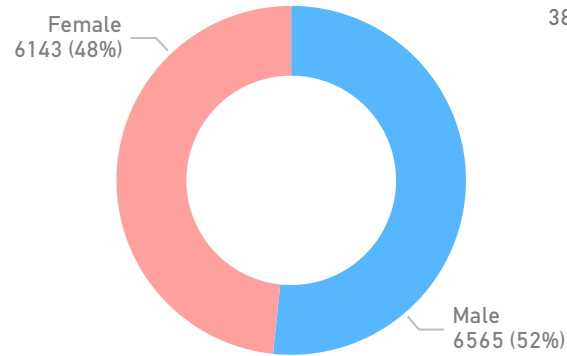
EBF -Child Exclusive Breast Feed



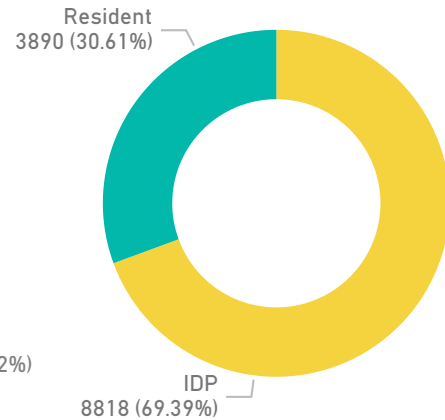
% Why NotBreastfed



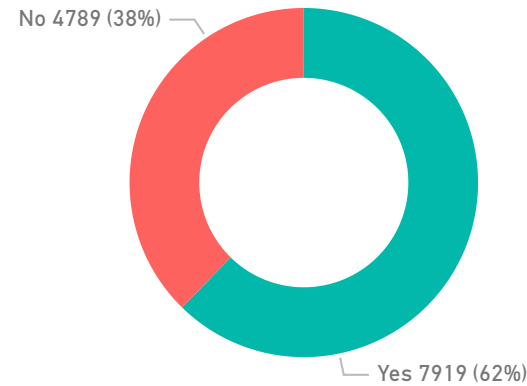
Sex Distribution



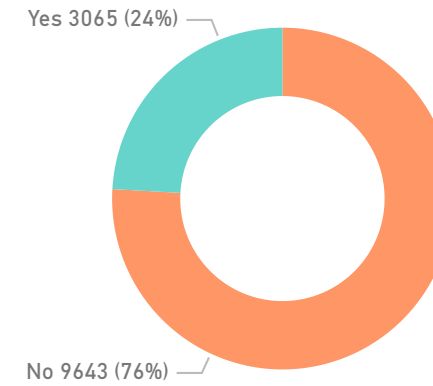
Screened by IdpStatus



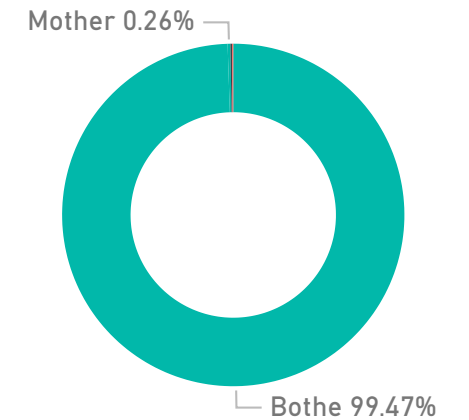
Breastfed



Others (Milk Goats , Etc ..)



Child have mother or father



Minimum diet diversity

Percentage of children aged 6-23 months who were fed at least 5 (5 out of 8) food groups the previous day



50.31%

Minimum meal frequency

Percentage of children aged 6-23 months who were fed the minimum number of meals/snacks during the previous day



48.24%

Minimum acceptable diet

Percentage of children aged 6-23 months who were fed the minimum number of meals/snacks as well as food from the minimum number of food groups¹

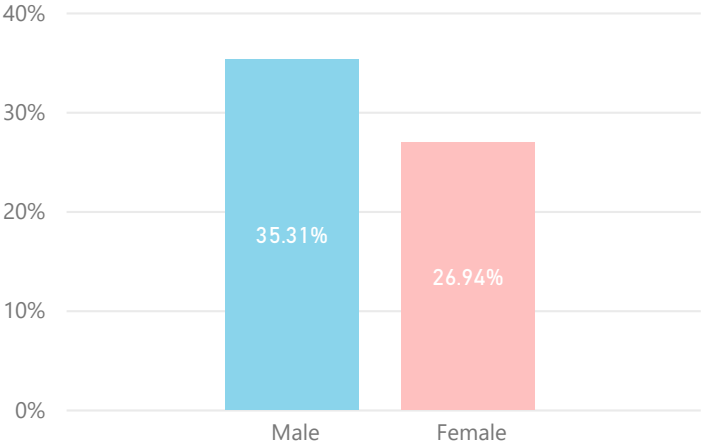


21.08%

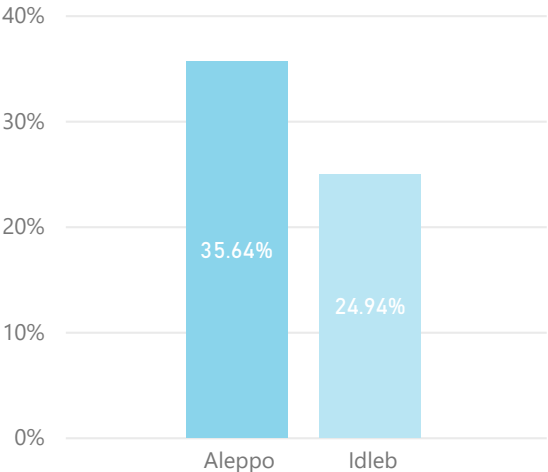
28087

stunting by Sex

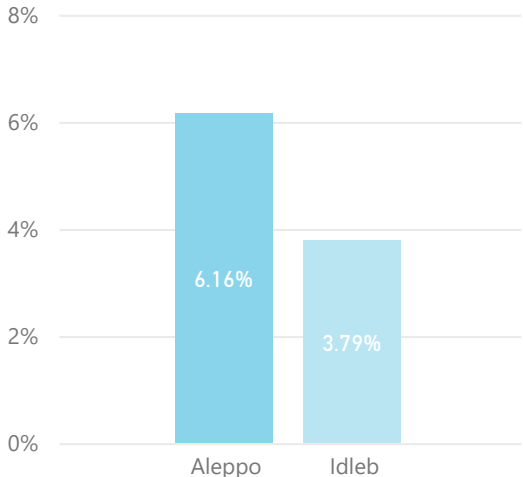
Child_Sex ● Male ● Female



stunting by Gov

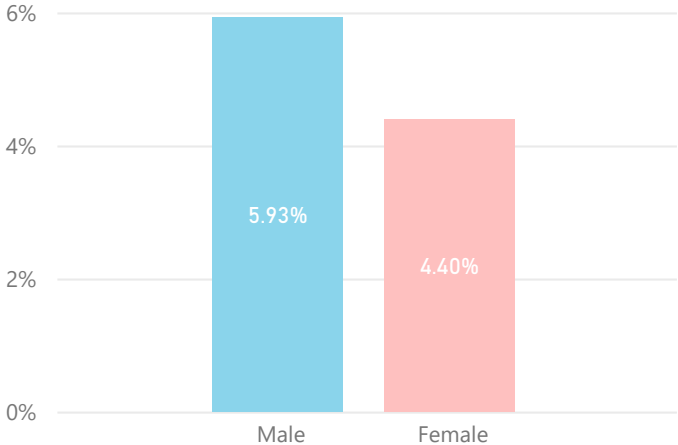


Underweight by Gov



Underweight by Sex

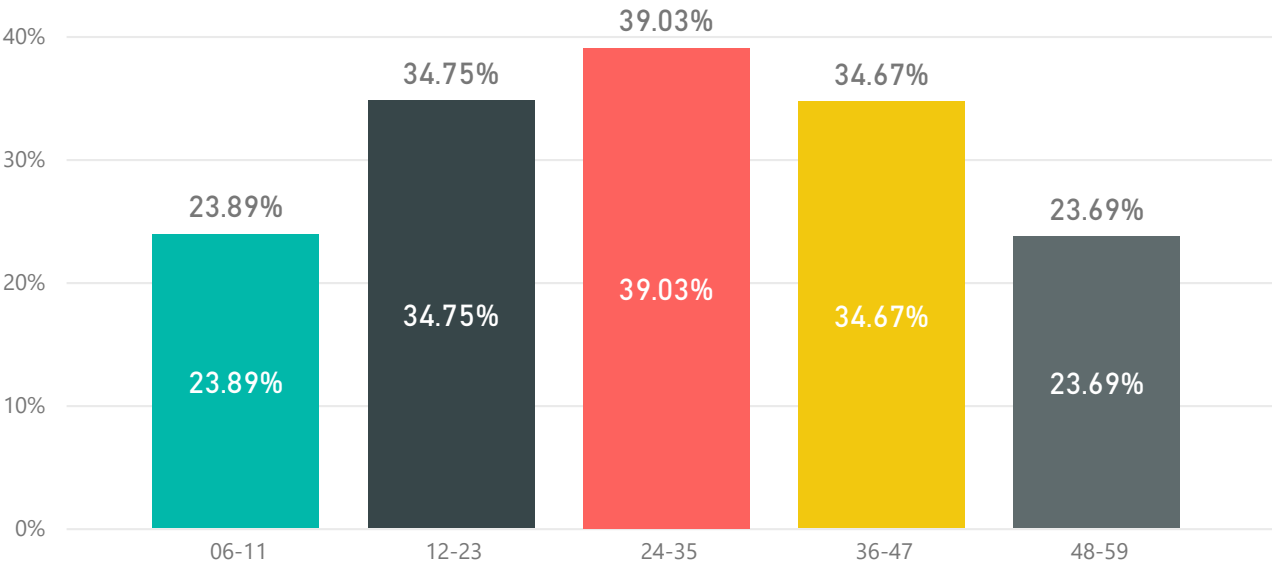
Child_Sex ● Male ● Female



Stunting (Age 6-59)(8804/28087): 31.35%(30.80% - 31.89% 95% C.I.)

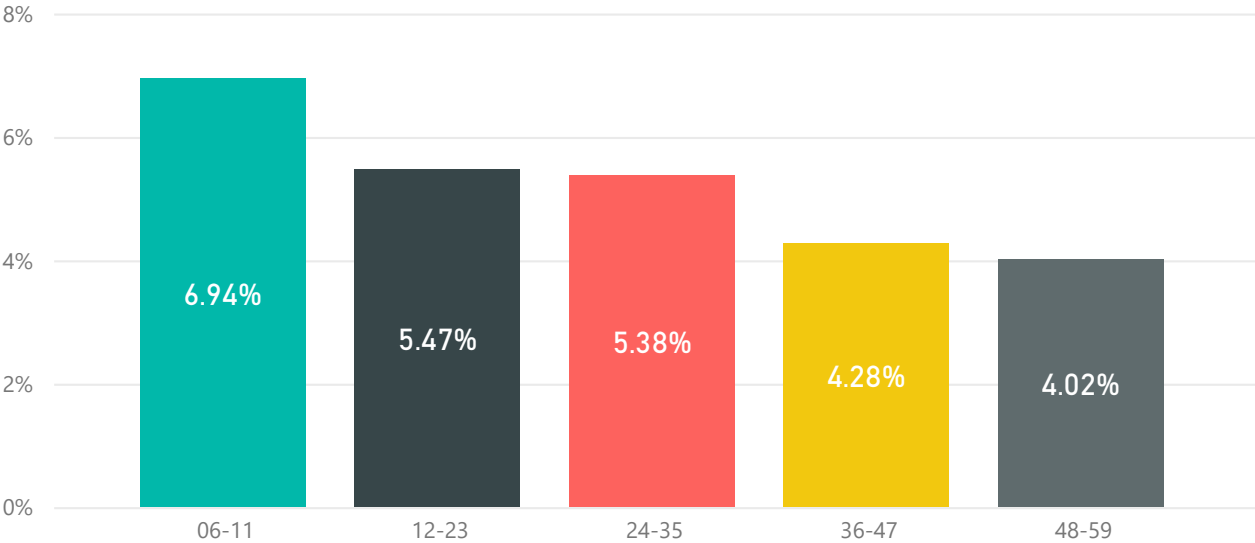
UnderWeight (Age 6-59)(1463/28087): 5.21%(4.95% - 5.47% 95% C.I.)

Age group ● 06-11 ● 12-23 ● 24-35 ● 36-47 ● 48-59

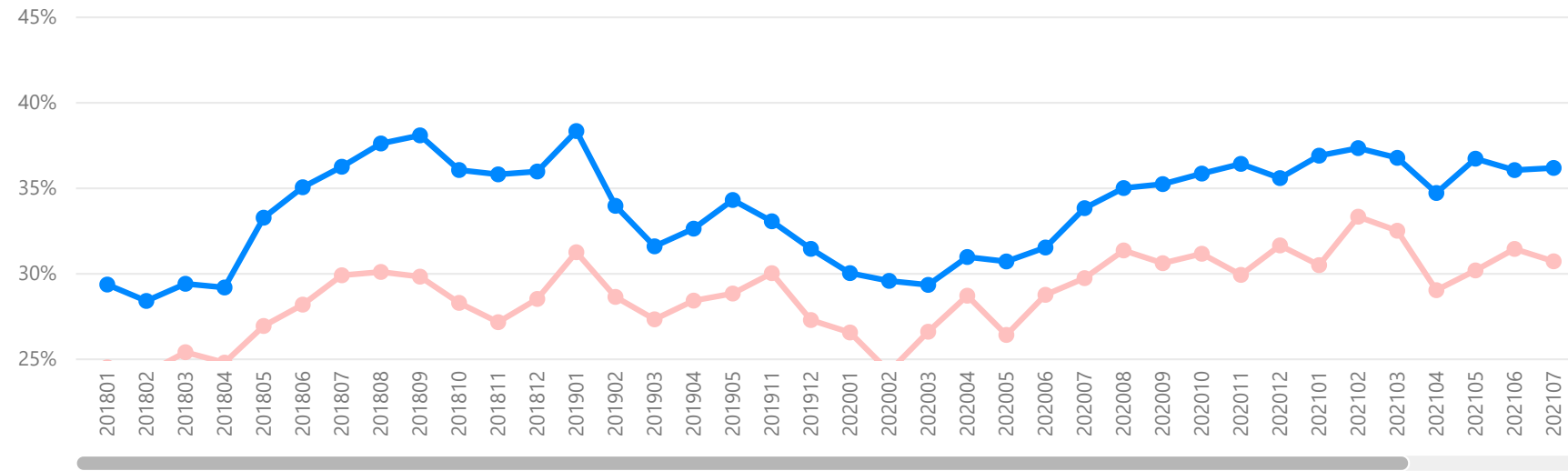


Underweight by age

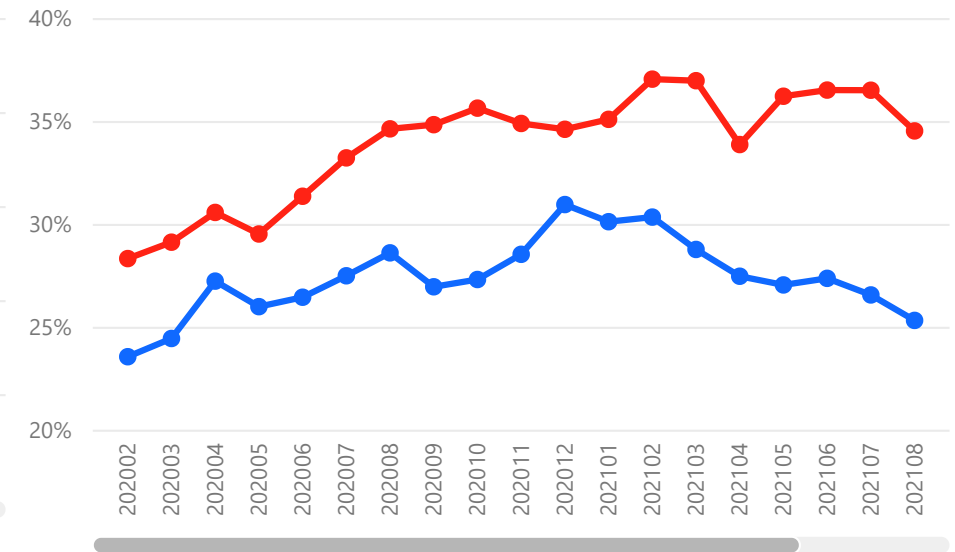
Age group ● 06-11 ● 12-23 ● 24-35 ● 36-47 ● 48-59



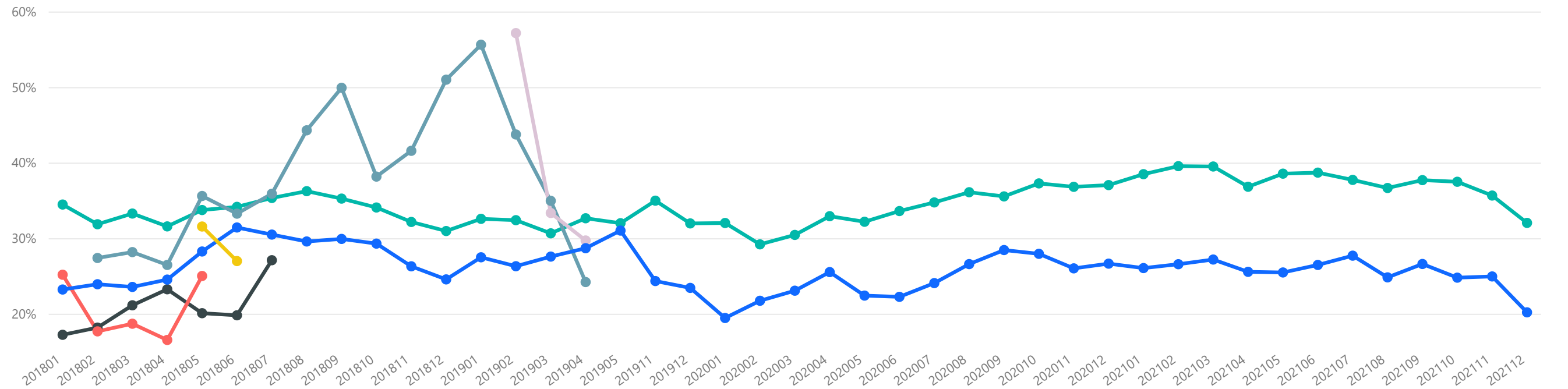
Child_Sex Female Male



IDP Status IDP Resident



Gov Aleppo Ar-Raqqa Dar'a Hama Homs Idlib Quneitra



Prevalence of acute malnutrition based on MUAC cut off's (and/or oedema) and by sex

Age	Female	Male	Total
06-11	MUAC only (Age 6-11)(140/2529): 5.54%(4.64% - 6.43% 95% C.I.)	MUAC only (Age 6-11)(91/2737): 3.32%(2.65% - 4.00% 95% C.I.)	MUAC only (Age 6-11)(231/5266): 4.39%(3.83% - 4.94% 95% C.I.)
12-23	MUAC only (Age 12-23)(70/3614): 1.94%(1.49% - 2.39% 95% C.I.)	MUAC only (Age 12-23)(33/3828): 0.86%(0.57% - 1.15% 95% C.I.)	MUAC only (Age 12-23)(103/7442): 1.38%(1.12% - 1.65% 95% C.I.)
24-35	MUAC only (Age 24-35)(3/2727): 0.11%(-0.01% - 0.23% 95% C.I.)	MUAC only (Age 24-35)(7/3021): 0.23%(0.06% - 0.40% 95% C.I.)	MUAC only (Age 24-35)(10/5748): 0.17%(0.07% - 0.28% 95% C.I.)
36-47	MUAC only (Age 36-47)(0/2367): 0.00%(0.00% - 0.00% 95% C.I.)	MUAC only (Age 36-47)(3/2645): 0.11%(-0.01% - 0.24% 95% C.I.)	MUAC only (Age 36-47)(3/5012): 0.06%(-0.01% - 0.13% 95% C.I.)
48-59	MUAC only (Age 48-59)(0/2784): 0.00%(0.00% - 0.00% 95% C.I.)	MUAC only (Age 48-59)(1/3349): 0.03%(-0.03% - 0.09% 95% C.I.)	MUAC only (Age 48-59)(1/6133): 0.02%(-0.02% - 0.05% 95% C.I.)
Total	MUAC only (Age 6-59) (213/14021): 1.52%(1.32% - 1.72% 95% C.I.)	MUAC only (Age 6-59) (135/15580): 0.87%(0.72% - 1.01% 95% C.I.)	MUAC only (Age 6-59)(348/29601): 1.18%(1.05% - 1.30% 95% C.I.)

Prevalence of stunting based on height-for-age z-scores and by sex

Age	Female	Male	Total
06-11	Stunting (Age 6-11)(425/2378): 17.87%(16.33% - 19.41% 95% C.I.)	Stunting (Age 6-11)(762/2590): 29.42%(27.67% - 31.18% 95% C.I.)	Stunting (Age 6-11)(1187/4968): 23.89%(22.71% - 25.08% 95% C.I.)
12-23	Stunting (Age 12-23)(977/3422): 28.55%(27.04% - 30.06% 95% C.I.)	Stunting (Age 12-23)(1468/3614): 40.62%(39.02% - 42.22% 95% C.I.)	Stunting (Age 12-23)(2445/7036): 34.75% (33.64% - 35.86% 95% C.I.)
24-35	Stunting (Age 24-35)(849/2590): 32.78%(30.97% - 34.59% 95% C.I.)	Stunting (Age 24-35)(1284/2875): 44.66%(42.84% - 46.48% 95% C.I.)	Stunting (Age 24-35)(2133/5465): 39.03% (37.74% - 40.32% 95% C.I.)
36-47	Stunting (Age 36-47)(739/2253): 32.80%(30.86% - 34.74% 95% C.I.)	Stunting (Age 36-47)(915/2518): 36.34%(34.46% - 38.22% 95% C.I.)	Stunting (Age 36-47)(1654/4771): 34.67% (33.32% - 36.02% 95% C.I.)
Total	Stunting (Age 6-59) (3584/13304): 26.94%(26.19% - 27.69% 95% C.I.)	Stunting (Age 6-59)(5220/14783): 35.31%(34.54% - 36.08% 95% C.I.)	Stunting (Age 6-59)(8804/28087): 31.35% (30.80% - 31.89% 95% C.I.)

Prevalence of combined GAM and SAM based on WHZ and MUAC cut off's (and/or oedema) and by sex*

Age	Female	Male	Total
06-11	MUAC or WHZ (Age 6-11) (141/2529): 5.58%(4.68% - 6.47% 95% C.I.)	MUAC or WHZ (Age 6-11) (95/2737): 3.47%(2.79% - 4.16% 95% C.I.)	MUAC or WHZ (Age 6-11)(236/5266): 4.48%(3.92% - 5.04% 95% C.I.)
12-23	MUAC or WHZ (Age 12-23) (72/3614): 1.99%(1.54% - 2.45% 95% C.I.)	MUAC or WHZ (Age 12-23) (37/3828): 0.97%(0.66% - 1.28% 95% C.I.)	MUAC or WHZ (Age 12-23)(109/7442): 1.46%(1.19% - 1.74% 95% C.I.)
24-35	MUAC or WHZ (Age 24-35) (3/2727): 0.11%(-0.01% - 0.23% 95% C.I.)	MUAC or WHZ (Age 24-35) (8/3021): 0.26%(0.08% - 0.45% 95% C.I.)	MUAC or WHZ (Age 24-35)(11/5748): 0.19%(0.08% - 0.30% 95% C.I.)
36-47	MUAC or WHZ (Age 36-47) (2/2367): 0.08%(-0.03% - 0.20% 95% C.I.)	MUAC or WHZ (Age 36-47) (4/2645): 0.15%(0.00% - 0.30% 95% C.I.)	MUAC or WHZ (Age 36-47)(6/5012): 0.12%(0.02% - 0.22% 95% C.I.)
48-59	MUAC or WHZ (Age 48-59) (5/2784): 0.18%(0.02% - 0.34% 95% C.I.)	MUAC or WHZ (Age 48-59) (3/3349): 0.09%(-0.01% - 0.19% 95% C.I.)	MUAC or WHZ (Age 48-59)(8/6133): 0.13%(0.04% - 0.22% 95% C.I.)
Total	MUAC or WHZ (Age 6-59) (223/14021): 1.59%(1.38% - 1.80% 95% C.I.)	MUAC or WHZ (Age 6-59) (147/15580): 0.94%(0.79% - 1.10% 95% C.I.)	MUAC or WHZ (Age 6-59)(370/29601): 1.25%(1.12% - 1.38% 95% C.I.)

Prevalence of underweight based on weight-for-age z-scores by sex

Age	Female	Male	Total
06-11	UnderWeight (Age 6-11) (113/2378): 4.75%(3.90% - 5.61% 95% C.I.)	UnderWeight (Age 6-11) (232/2590): 8.96%(7.86% - 10.06% 95% C.I.)	UnderWeight (Age 6-11)(345/4968): 6.94%(6.24% - 7.65% 95% C.I.)
12-23	UnderWeight (Age 12-23) (143/3422): 4.18%(3.51% - 4.85% 95% C.I.)	UnderWeight (Age 12-23) (242/3614): 6.70%(5.88% - 7.51% 95% C.I.)	UnderWeight (Age 12-23)(385/7036): 5.47%(4.94% - 6.00% 95% C.I.)
24-35	UnderWeight (Age 24-35) (116/2590): 4.48%(3.68% - 5.28% 95% C.I.)	UnderWeight (Age 24-35) (178/2875): 6.19%(5.31% - 7.07% 95% C.I.)	UnderWeight (Age 24-35)(294/5465): 5.38%(4.78% - 5.98% 95% C.I.)
36-47	UnderWeight (Age 36-47) (94/2253): 4.17%(3.35% - 5.00% 95% C.I.)	UnderWeight (Age 36-47) (110/2518): 4.37%(3.57% - 5.17% 95% C.I.)	UnderWeight (Age 36-47)(204/4771): 4.28%(3.70% - 4.85% 95% C.I.)
48-59	UnderWeight (Age 48-59) (120/2661): 4.51%(3.72% - 5.30% 95% C.I.)	UnderWeight (Age 48-59) (115/3186): 3.61%(2.96% - 4.26% 95% C.I.)	UnderWeight (Age 48-59)(235/5847): 4.02%(3.52% - 4.52% 95% C.I.)
Total	UnderWeight (Age 6-59) (586/13304): 4.40%(4.06% - 4.75% 95% C.I.)	UnderWeight (Age 6-59) (877/14783): 5.93%(5.55% - 6.31% 95% C.I.)	UnderWeight (Age 6-59)(1463/28087): 5.21%(4.95% - 5.47% 95% C.I.)

Prevalence of acute malnutrition based on MUAC cut off's (and/or oedema) and by gov aleppo , Idleb

Age	Aleppo	Idleb	Total
12-23	MUAC only (Age 12-23)(70/4303): 1.63%(1.25% - 2.00% 95% C.I.)	MUAC only (Age 12-23)(33/3139): 1.05%(0.69% - 1.41% 95% C.I.)	MUAC only (Age 12-23)(103/7442): 1.38%(1.12% - 1.65% 95% C.I.)
24-35	MUAC only (Age 24-35)(2/3348): 0.06%(-0.02% - 0.14% 95% C.I.)	MUAC only (Age 24-35)(8/2400): 0.33%(0.10% - 0.56% 95% C.I.)	MUAC only (Age 24-35)(10/5748): 0.17%(0.07% - 0.28% 95% C.I.)
36-47	MUAC only (Age 36-47)(1/2983): 0.03%(-0.03% - 0.10% 95% C.I.)	MUAC only (Age 36-47)(2/2029): 0.10%(-0.04% - 0.24% 95% C.I.)	MUAC only (Age 36-47)(3/5012): 0.06%(-0.01% - 0.13% 95% C.I.)
48-59	MUAC only (Age 48-59)(0/3761): 0.00%(0.00% - 0.00% 95% C.I.)	MUAC only (Age 48-59)(1/2372): 0.04%(-0.04% - 0.12% 95% C.I.)	MUAC only (Age 48-59)(1/6133): 0.02%(-0.02% - 0.05% 95% C.I.)
06-11	MUAC only (Age 6-11)(132/2964): 4.45%(3.71% - 5.20% 95% C.I.)	MUAC only (Age 6-11)(99/2302): 4.30%(3.47% - 5.13% 95% C.I.)	MUAC only (Age 6-11)(231/5266): 4.39%(3.83% - 4.94% 95% C.I.)
Total	MUAC only (Age 6-59) (205/17359): 1.18%(1.02% - 1.34% 95% C.I.)	MUAC only (Age 6-59) (143/12242): 1.17%(0.98% - 1.36% 95% C.I.)	MUAC only (Age 6-59)(348/29601): 1.18%(1.05% - 1.30% 95% C.I.)

Prevalence of stunting based on height-for-age z-scores and by gov Aleppo, Idleb

Age	Aleppo	Idleb	Total
06-11	Stunting (Age 6-11)(786/2877): 27.32%(25.69% - 28.95% 95% C.I.)	Stunting (Age 6-11)(401/2091): 19.18%(17.49% - 20.86% 95% C.I.)	Stunting (Age 6-11)(1187/4968): 23.89%(22.71% - 25.08% 95% C.I.)
12-23	Stunting (Age 12-23)(1725/4182): 41.25%(39.76% - 42.74% 95% C.I.)	Stunting (Age 12-23)(720/2854): 25.23%(23.63% - 26.82% 95% C.I.)	Stunting (Age 12-23)(2445/7036): 34.75%(33.64% - 35.86% 95% C.I.)
24-35	Stunting (Age 24-35)(1425/3250): 43.85%(42.14% - 45.55% 95% C.I.)	Stunting (Age 24-35)(708/2215): 31.96%(30.02% - 33.91% 95% C.I.)	Stunting (Age 24-35)(2133/5465): 39.03%(37.74% - 40.32% 95% C.I.)
36-47	Stunting (Age 36-47)(1062/2889): 36.76%(35.00% - 38.52% 95% C.I.)	Stunting (Age 36-47)(592/1882): 31.46%(29.36% - 33.55% 95% C.I.)	Stunting (Age 36-47)(1654/4771): 34.67%(33.32% - 36.02% 95% C.I.)
Total	Stunting (Age 6-59) (5993/16814): 35.64%(34.92% - 36.37% 95% C.I.)	Stunting (Age 6-59)(2811/11273): 24.94%(24.14% - 25.73% 95% C.I.)	Stunting (Age 6-59)(8804/28087): 31.35%(30.80% - 31.89% 95% C.I.)

Prevalence of combined GAM and SAM based on WHZ and MUAC cut off's (and/or oedema) and by gov Aleppo, Idleb

Age	Aleppo	Idleb	Total
06-11	MUAC or WHZ (Age 6-11) (135/2964): 4.55%(3.80% - 5.31% 95% C.I.)	MUAC or WHZ (Age 6-11) (101/2302): 4.39%(3.55% - 5.22% 95% C.I.)	MUAC or WHZ (Age 6-11)(236/5266): 4.48%(3.92% - 5.04% 95% C.I.)
12-23	MUAC or WHZ (Age 12-23) (74/4303): 1.72%(1.33% - 2.11% 95% C.I.)	MUAC or WHZ (Age 12-23) (35/3139): 1.12%(0.75% - 1.48% 95% C.I.)	MUAC or WHZ (Age 12-23)(109/7442): 1.46%(1.19% - 1.74% 95% C.I.)
24-35	MUAC or WHZ (Age 24-35) (2/3348): 0.06%(-0.02% - 0.14% 95% C.I.)	MUAC or WHZ (Age 24-35)(9/2400): 0.38%(0.13% - 0.62% 95% C.I.)	MUAC or WHZ (Age 24-35)(11/5748): 0.19%(0.08% - 0.30% 95% C.I.)
36-47	MUAC or WHZ (Age 36-47) (4/2983): 0.13%(0.00% - 0.27% 95% C.I.)	MUAC or WHZ (Age 36-47)(2/2029): 0.10%(-0.04% - 0.24% 95% C.I.)	MUAC or WHZ (Age 36-47)(6/5012): 0.12%(0.02% - 0.22% 95% C.I.)
48-59	MUAC or WHZ (Age 48-59) (5/3761): 0.13%(0.02% - 0.25% 95% C.I.)	MUAC or WHZ (Age 48-59)(3/2372): 0.13%(-0.02% - 0.27% 95% C.I.)	MUAC or WHZ (Age 48-59)(8/6133): 0.13%(0.04% - 0.22% 95% C.I.)
Total	MUAC or WHZ (Age 6-59) (220/17359): 1.27%(1.10% - 1.43% 95% C.I.)	MUAC or WHZ (Age 6-59) (150/12242): 1.23%(1.03% - 1.42% 95% C.I.)	MUAC or WHZ (Age 6-59)(370/29601): 1.25%(1.12% - 1.38% 95% C.I.)

Prevalence of underweight based on weight-for-age z-scores by gov Aleppo, Idleb

Age	Aleppo	Idleb	Total
06-11	UnderWeight (Age 6-11) (248/2877): 8.62%(7.59% - 9.65% 95% C.I.)	UnderWeight (Age 6-11)(97/2091): 4.64%(3.74% - 5.54% 95% C.I.)	UnderWeight (Age 6-11)(345/4968): 6.94%(6.24% - 7.65% 95% C.I.)
12-23	UnderWeight (Age 12-23) (296/4182): 7.08%(6.30% - 7.86% 95% C.I.)	UnderWeight (Age 12-23)(89/2854): 3.12%(2.48% - 3.76% 95% C.I.)	UnderWeight (Age 12-23)(385/7036): 5.47%(4.94% - 6.00% 95% C.I.)
24-35	UnderWeight (Age 24-35) (223/3250): 6.86%(5.99% - 7.73% 95% C.I.)	UnderWeight (Age 24-35)(71/2215): 3.21%(2.47% - 3.94% 95% C.I.)	UnderWeight (Age 24-35)(294/5465): 5.38%(4.78% - 5.98% 95% C.I.)
36-47	UnderWeight (Age 36-47) (123/2889): 4.26%(3.52% - 4.99% 95% C.I.)	UnderWeight (Age 36-47)(81/1882): 4.30%(3.39% - 5.22% 95% C.I.)	UnderWeight (Age 36-47)(204/4771): 4.28%(3.70% - 4.85% 95% C.I.)
48-59	UnderWeight (Age 48-59) (146/3616): 4.04%(3.40% - 4.68% 95% C.I.)	UnderWeight (Age 48-59)(89/2231): 3.99%(3.18% - 4.80% 95% C.I.)	UnderWeight (Age 48-59)(235/5847): 4.02%(3.52% - 4.52% 95% C.I.)
Total	UnderWeight (Age 6-59) (1036/16814): 6.16%(5.80% - 6.52% 95% C.I.)	UnderWeight (Age 6-59) (427/11273): 3.79%(3.44% - 4.14% 95% C.I.)	UnderWeight (Age 6-59)(1463/28087): 5.21%(4.95% - 5.47% 95% C.I.)

Nutrition Assessment Results - (Children 6-23 Top 10 GAM by community / month) during a year

 Community /gov covered by
 month

community	202012	202101	202102	202103	202104	202105	202106	202107	202108	202109	202110	202111
Akhtrein									8.63%			4.42%
Al Bab	8.73%		7.03%	7.58%	8.02%	8.10%		10.16%	9.23%	8.64%		
Azaz							9.15%	8.25%				
Bazagha	11.03%		13.04%	11.21%	16.67%							
Dana							8.96%	12.50%				
Darkosh	10.00%	8.51%	8.76%			9.33%	17.12%	9.84%	14.54%	9.41%	6.45%	4.53%
Ghandorah	9.17%	9.54%	8.80%		7.19%			10.67%	9.80%	8.17%		
Hezreh - Hezri									8.12%			
Idleb											6.28%	
Jalma	8.57%	10.07%	7.53%	7.91%	6.87%	9.39%	8.84%		10.50%			5.60%
Jarablus	20.96%	16.13%	26.27%	14.29%	10.24%	14.48%	12.45%	9.42%	9.83%			
Kafr Takharim				12.15%	5.37%	9.67%	13.84%	10.14%	11.47%	11.78%	8.05%	5.35%
Kafra		9.72%										
Kelly			6.90%									
Kherbet Eljoz			7.69%	8.56%	5.34%							
Korin					5.99%					8.80%	6.06%	4.24%
Maarin						7.82%				7.78%	10.19%	6.29%
Ma'arrat Tamasrin	8.81%	8.53%		7.63%		9.42%				7.42%	4.71%	
Maydan Afrin											5.06%	5.22%
Mhambal						7.21%	9.91%					
Qabasin	9.09%	10.71%		8.43%	9.52%	10.19%	9.92%	17.14%	13.37%	7.72%		
Rael		13.04%	9.68%	5.93%								
Raju							12.75%	8.70%		10.19%	6.36%	
Salama											7.27%	6.40%
Sarmada												7.14%
Shawa	10.61%	7.41%										
Sheikh El-Hadid											5.10%	5.50%
Zoghra	9.13%	12.50%	14.71%	12.84%	13.43%	10.94%	8.57%	12.61%	8.64%	7.52%		

Month	Aleppo	Idleb	Total
202012	27	12	39
202101	27	12	39
202102	28	15	43
202103	28	18	46
202104	28	17	45
202105	27	17	44
202106	27	17	44
202107	26	17	43
202108	27	17	44
202109	25	17	42
202110	26	18	44
202111	25	18	43
Total	30	20	50

community	202012	202101	202102	202103	202104	202105	202106	202107	202108	202109	202110	202111
Afrin											3.31%	
Akhtrein											3.23%	
Al Bab	9.80%	10.70%	9.07%	8.85%	9.22%	11.20%	3.81%	9.04%	10.13%	6.96%	5.20%	6.15%
Ariha							3.81%		3.27%		3.63%	
Bsheiriyeh - Bello		3.51%		7.69%								
Dana	8.85%	4.53%	6.80%		4.56%	5.56%	6.99%	9.59%	4.53%	7.35%		
Daret Azza												2.76%
Darkosh							3.74%				3.07%	7.01%
Harim	13.64%	7.51%	3.90%	6.52%			5.76%	4.63%	3.20%		3.33%	
Hazano	11.84%	5.78%										
Hezreh - Hezri									3.32%	3.95%		2.91%
Idleb								3.50%				
Jalma												3.52%
Jisr-Ash-Shugur					5.33%						3.86%	4.28%
Kafr Karmin								4.86%	4.01%	3.44%		
Kafr Takharim	6.45%	6.68%	7.35%	13.97%	11.32%	12.80%	11.61%	8.46%	9.27%	8.17%	6.54%	9.79%
Kelly			4.89%									
Kherbet Eljoz			16.67%	5.85%	5.06%	7.33%	6.37%			5.64%	5.51%	4.69%
Korin				6.05%	4.78%	7.02%		3.84%		4.63%		
Maarin										4.45%		
Ma'arrat Tamasrin	4.41%		6.27%	5.76%								
Mhambal						4.09%		3.33%	5.18%			
Qabasin	5.85%				4.95%	5.56%	4.41%	3.46%				3.27%
Rael		9.68%		6.25%	5.32%	13.44%						
Raju		5.56%	5.10%	5.43%	6.55%	7.96%	6.60%	4.67%	4.46%	5.43%	4.45%	5.48%
Salqin	9.13%	3.21%	6.93%									
Shawa	14.17%	13.21%	6.67%	11.81%	5.65%	6.40%	6.54%			4.15%		

Community /gov covered by month

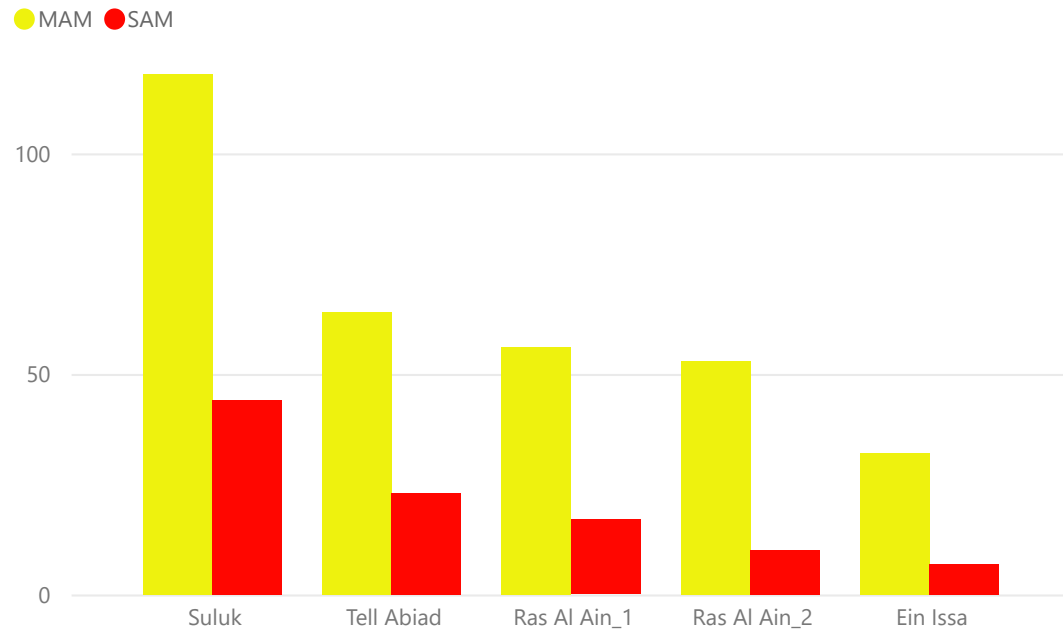
Month	Aleppo	Idleb	Total
202012	21	10	31
202101	21	10	31
202102	22	13	35
202103	22	16	38
202104	22	16	38
202105	22	15	37
202106	22	15	37
202107	21	15	36
202108	21	15	36
202109	20	15	35
202110	20	16	36
202111	20	16	36
Total	22	19	41

In view of the deteriorating humanitarian conditions in the Tel Abyad and Ras al-Ain areas, which are seriously inadequate in primary healthcare services, degradation of agricultural and livestock resources, and insufficient employment opportunities over the past years caused by the conditions of war, the succession of diverse control over the region, its instability and the impact of political considerations, this region has become a disaster area.

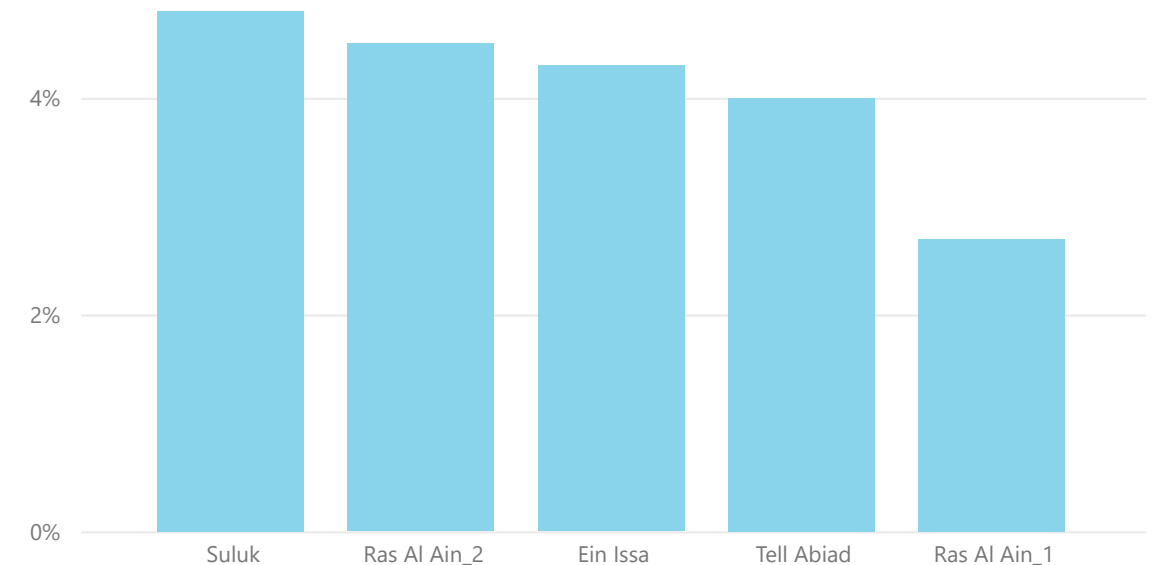
All of that has made the nutritional situation a blind spot and unclear values and made the nutritional survey an imperative and urgent necessity to know the fact of the matter, engage decision-makers with values, discuss proposed solutions and try to redress any deterioration that may occur later and have chronic health consequences that become difficult to treat at the individual and community level.

Therefore, the nutrition surveillance program in the Assistance Coordination Unit (ACU) had trained a group of workers in the region on the methodology of measuring mid-upper arm circumference (MUAC) targeting children from the age of 6 to 59 months. The quality and accuracy of their work were assessed using the standard test through the software "ENNA". The trained team had conducted a comprehensive survey accompanying the activity of the measles vaccine campaign in the region where all vaccinated children were MUAC screened according to the identified age group and the results were as follows:

SAM and MAM cases of children under 2 years by subdistrict

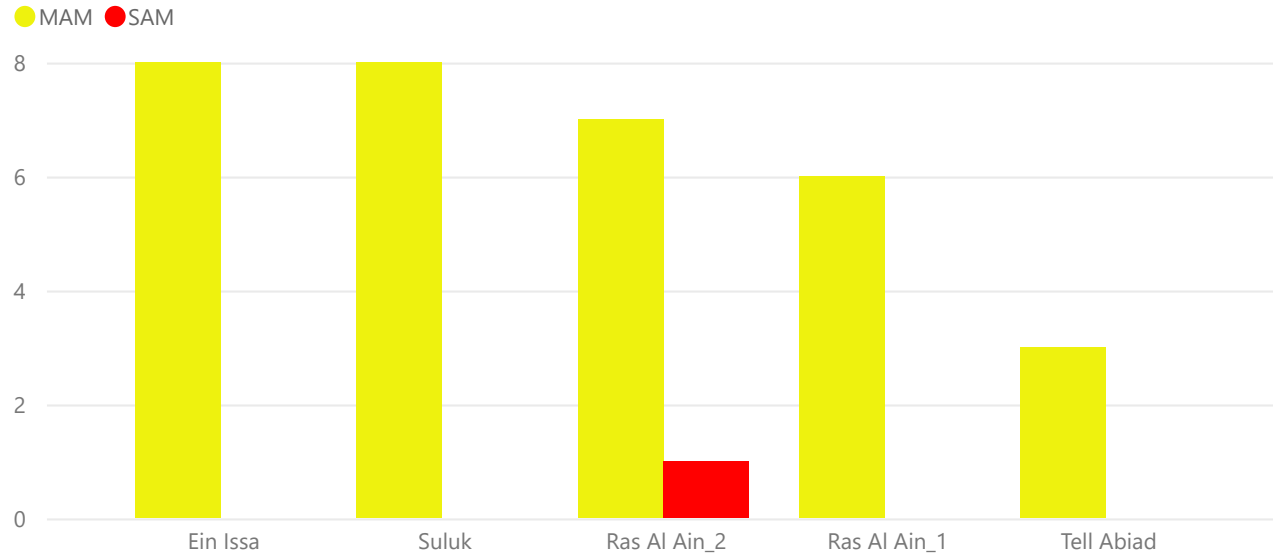


GAM rate cases of children under 2 years by subdistrict

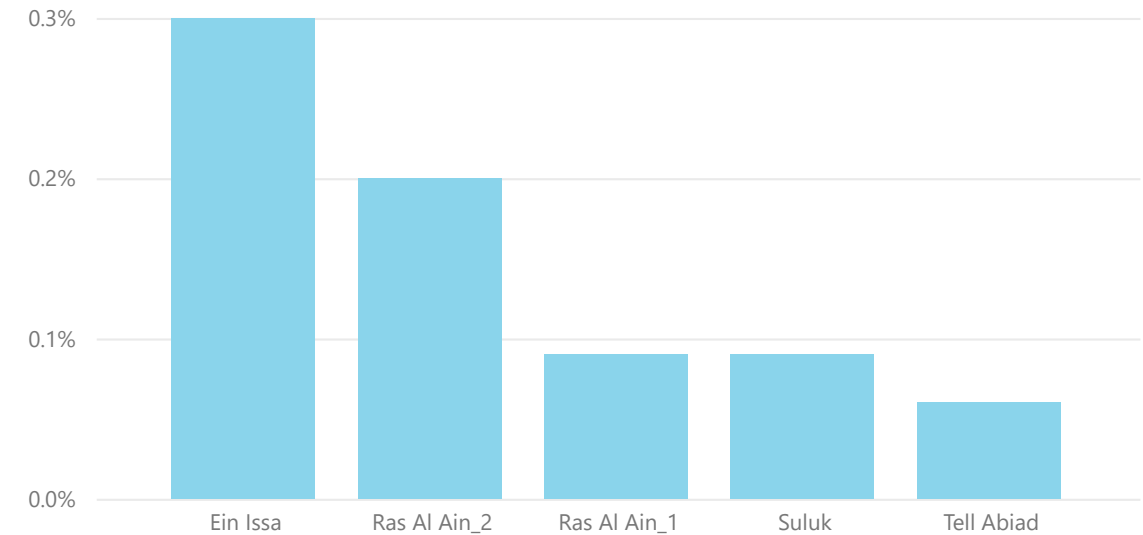


Nutrition surveys results in the east of Euphrates, Tell Abyad, and Ras al-Ayn during 10-2021

SAM and MAM cases of children above 2 years by subdistrict



GAM rate cases of children above 2 years by subdistrict



The result of the survey shows that malnutrition cases mostly occur in the age group (from 6 to 24 months) which is similar to the malnutrition situation in northwestern Syria, with particular attention to the following: The presence of a low percentage of global malnutrition GAM in children above two years does not mean that the situation of them within the normal level as we will often find that the rate of stunting within them is high, especially since the stunting rate according to the SMART survey implemented during 2018 was 32% so the inevitable medical result of high acute malnutrition rate under two years is an increase in the proportion of chronic malnutrition in the next age group of 2-5 years, especially in the absence of preventive and therapeutic nutrition programs in the region and therefore we need urgent intervention to prevent the deterioration of acute malnutrition to chronic malnutrition and stunting, which therefore will be difficult to treat.

ACU has distributed vitamin A and Albendazole tablets to the targeted group in the survey.

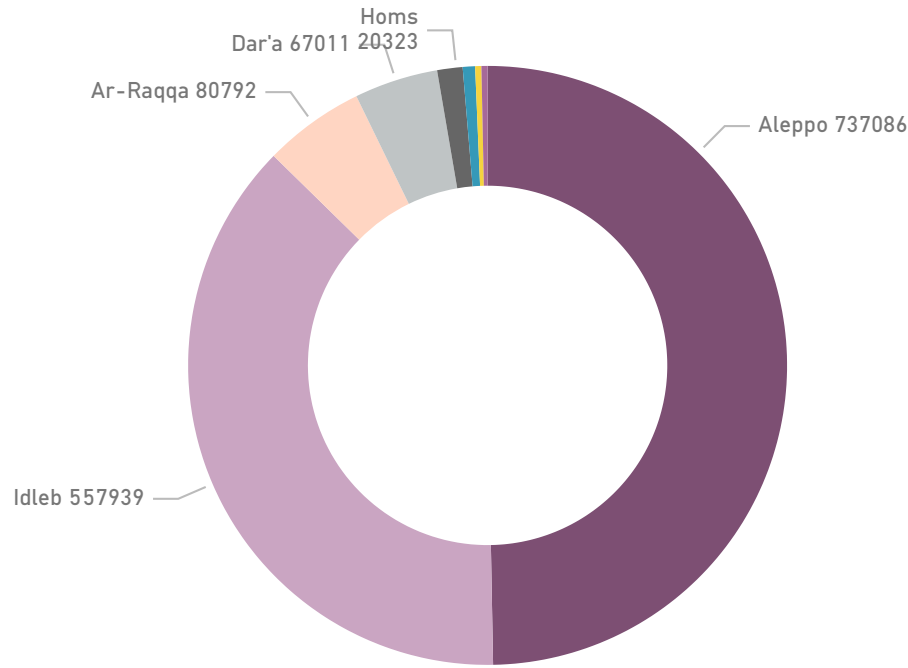
Recommendations:

Supplying the region with a nutrition surveillance system.

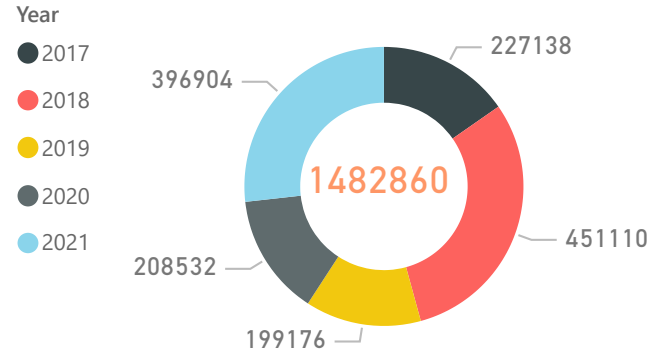
Supplying the region with outreach (OTP and TSFP) treatment centers.

Supplying of preventive nutrients and micronutrients.

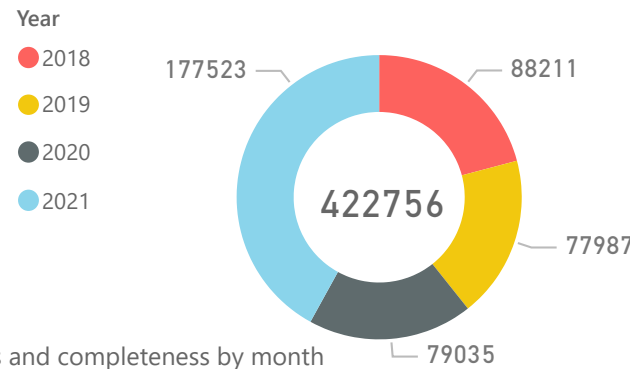
Total screened by governorate



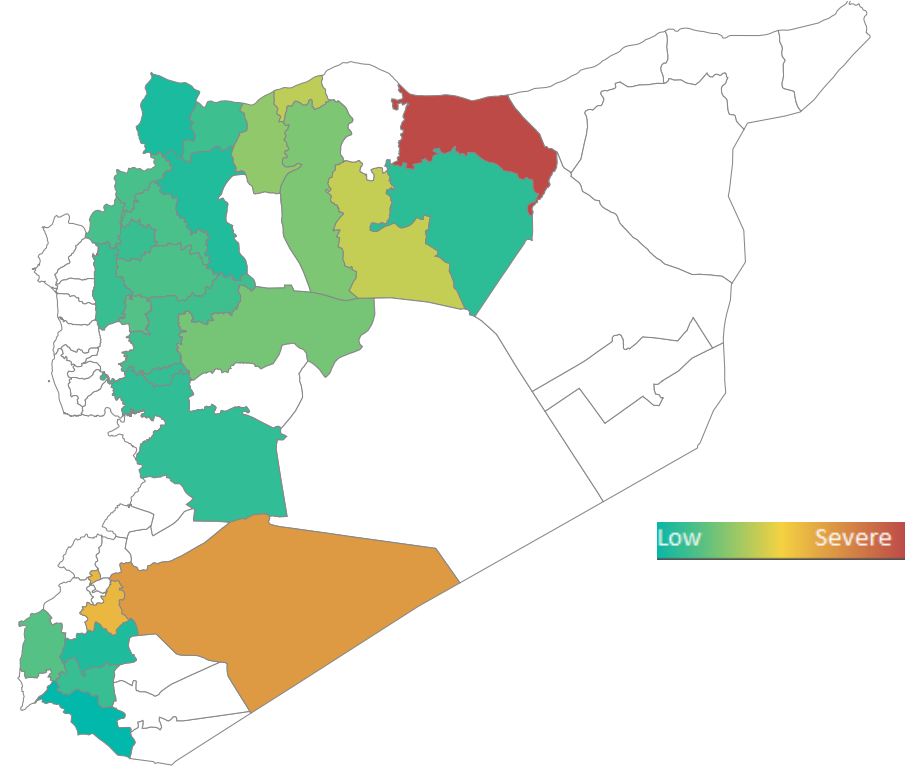
programme Life
Children screened by year



PLW screened by year

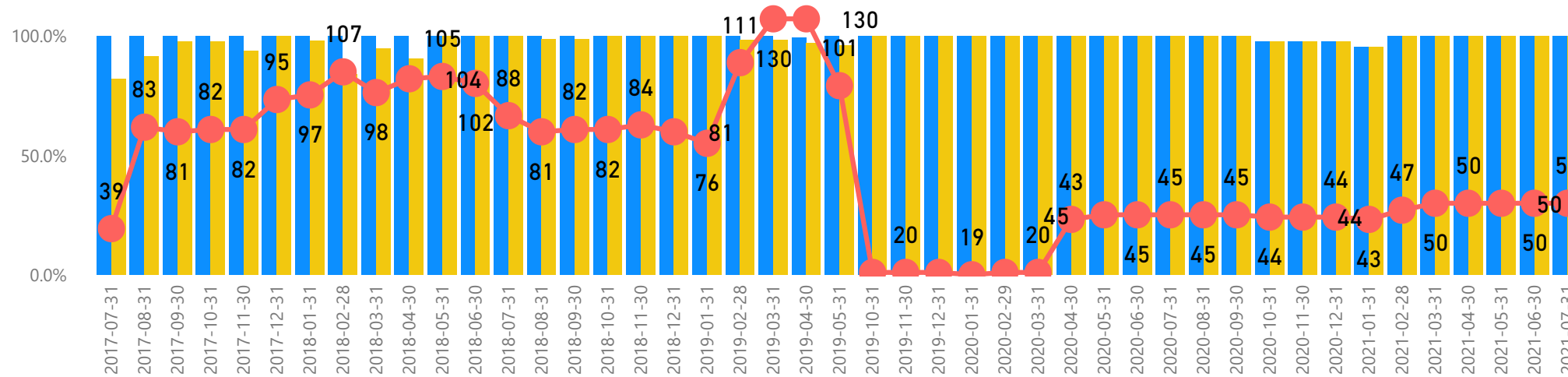


GAM rate by district during programme life



Reporting H.F , Timeliness and completeness by month

Completeness% Timeliness% Reporting H.F.



Children GAM rate by governorate during pro...

