

Release Figure Methodology Math Class Worksheet

Exercise 1: Calculating Priority Percentages

What is my chapter's **1st invitational priority percentage** given the following information?

- Open house pool = 500 PNMs
- Number of PNMs placing my chapter in their top cluster = 400 PNMs
- Carry figure for 1st invitational = 300 PNMs

Formula:

(cluster amount) ÷ (number of accepts in previous round) × 100 = _____%

_____ ÷ _____ × 100 = _____%

Exercise 2: Calculating Priority Percentages

What is my chapter's **2nd invitational priority percentage given** the following information?

- Open house pool = 500 PNMs
- Carry figure for 1st invitational = 300 PNMs
- Number of PNMs assigned to return to my chapter in 1st invitational = 295 PNMs
- Number of PNMs placing my chapter in their top cluster this round = 200 PNMs

Formula:

(cluster amount) ÷ (number of accepts in previous round) × 100 = _____%

_____ ÷ _____ × 100 = _____%



Exercise 3: Calculating Priority Percentages

What is my chapter's **Preference priority percentage** given the following information?

- Open house pool = 500 PNMs
- Carry figure for 2nd invitational = 240 PNMs
- Number of PNMs assigned to return to my chapter in 2nd invitational = 180 PNMs
- Number of PNMs placing my chapter in their top cluster this round = 90 PNMs

Formula:

(cluster amount) ÷ (number of accepts in previous round) × 100 = _____%

_____ ÷ _____ × 100 = _____%

Exercise 4: Reviewing Priority Percentages

What is the priority percentage **delta** for each of these rounds of recruitment?

Round	This Year	Last Year	Delta (Change)
1 st invitational	70%	68%	
2 nd invitational	76%	89%	
Preference	53%	58%	



Exercise 5: Calculating Carry Percentages

What is my chapter's **1st invitational carry percentage** given the following information?

- Open house pool = 500 PNMs
- Number of PNMs placing my chapter in their top cluster = 450 PNMs
- Carry figure for 1st invitational = 300 PNMs

Formula:

$$(\text{carry figure}) \div (\text{open house pool}) \times 100 = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$

Exercise 6: Calculating Carry Percentages

What is my chapter's **2nd invitational carry percentage** given the following information?

- Open house pool = 500 PNMs
- Number of PNMs assigned to return to my chapter in 1st invitational = 290 PNMs
- Carry figure for 2nd invitational = 225 PNMs
- Number of PNMs placing my chapter in their top cluster this round = 200 PNMs

Formula:

$$(\text{carry figure}) \div (\text{open house pool}) \times 100 = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$



Exercise 7: Calculating Carry Percentages

What is my chapter's **Preference carry percentage** given the following information?

- Open house pool = 500 PNMs
- Number of PNMs assigned to return to my chapter in 2nd invitational = 180 PNMs
- Carry figure for Preference = 120 PNMs
- Number of PNMs placing my chapter in their top cluster this round = 90 PNMs

Formula:

$$(\text{carry figure}) \div (\text{open house pool}) \times 100 = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$

Exercise 8: Calculating Where Closed

What is my chapter's "**where closed**" metric given the following information?

- Number assigned to attend my chapter's Preference = 90 PNMs
- Number attending my chapter's Preference = 85 PNMs
- Quota = 40
- Bid List position of the 40th PNM to match = 72

Formula:

$$(\text{percentage of last match}) \div (\text{Quota}) = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Exercise 9: Calculating MRABA First Choice Percentages

What is my chapter's **MRABA first choice** metric given the following information?

- Number assigned to attend my chapter's preference = 90 PNMs
- Number attending my chapter's preference = 90 PNMs
- Number of PNMs placing my chapter as the first choice on the MRABA = 50 PNMs
- Number of PNMs placing my chapter as the second choice on the MRABA = 40 PNMs

Formula:

$$(\text{first choices}) \div (\text{assigned to attend Preference}) \times 100 = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$

Exercise 10: Calculating MRABA First Choice Percentages

What is my chapter's **MRABA first choice** metric given the following information?

- Number assigned to attend my chapter's preference = 90 PNMs
- Number attending my chapter's preference = 85 PNMs
- Number of PNMs placing my chapter as the first choice on the MRABA = 45 PNMs
- Number of PNMs placing my chapter as the second choice on the MRABA = 30 PNMs
- Number of PNMs that ISPed in favor of another group = 10 PNMs

Formula:

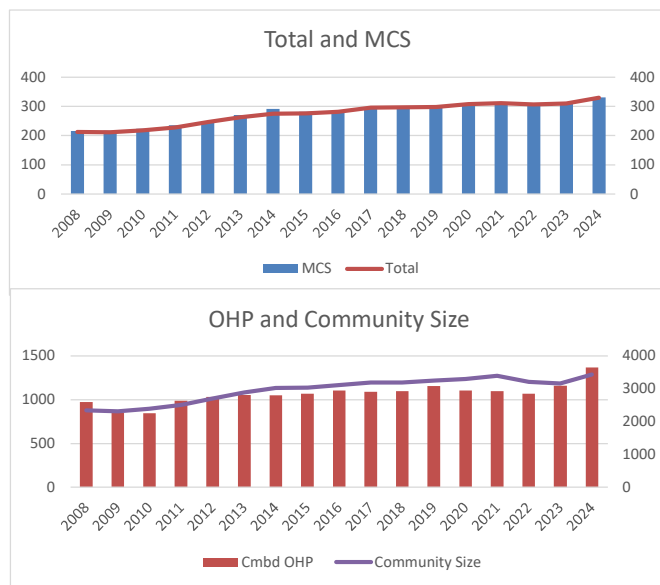
$$(\text{first choices}) \div (\text{assigned to attend Preference}) \times 100 = \underline{\hspace{2cm}}\%$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \times 100 = \underline{\hspace{2cm}}\%$$



TSM Provision: Greater of ACS & MCS

	Combined OHP	Community Size	Median Ch. Size	TOTAL
Current Year	1369	3441	330	330
Percent Change v. Prior Yr	18.1%	8.8%	6.5%	6.5%
High Water Mark	1369	3441	330	330
Year of High Water Mark	2024	2024	2024	2024
% of HWM Achieved	100%	100%	100%	100%
16-17 NPC Benchmark Yr	1105	3111	281	281
% of 16-17 Benchmark	124%	111%	117%	117%



Acad Yr	Total	MCS	Community Size	Cmbd Quota	# of Ch.	Cmbd OHP	% OHP Mchd
2008	213	216	2341	68	11	976	80%
2009	211	217	2317	61	11	849	81%
2010	218	224	2392	62	11	845	85%
2011	228	235	2507	71	11	990	84%
2012	246	250	2709	79	11	1033	86%
2013	263	271	2891	81	11	1056	85%
2014	275	291	3033	82	11	1051	85%
2015	276	281	3037	80	11	1070	86%
2016	281	281	3111	82	11	1105	85%
2017	296	296	3201	82	11	1092	85%
2018	297	297	3193	78	11	1099	78%
2019	298	298	3249	78	11	1157	83%
2020	308	308	3300	83	11	1106	86%
2021	311	311	3398	76	11	1100	84%
2022	307	307	3216	78	11	1070	78%
2023	310	310	3162	76	11	1159	72%
2024	330	330	3441	96	11	1369	80%

	2024	2023	2022	2021	
Primary Open house pool:	1369	1159	1070	1100	0
Primary Quota:	96	76	78	76	
Total:	330	310	307	311	
Method:	MCS	MCS	MCS	MCS	
Groups:	11	11	11	11	
Spaces to Total (STT):	212	274	222	85	
Community Size:	3441	3162	3216	3398	

Chapter	Size	New Mmbrs 2024	STT 2024	New Mmbrs 2023	STT 2023	New Mmbrs 2022	STT 2022	New Mmbrs 2021	STT 2021	STPQ 2024	STSQ 2024	COB Spaces
Kappa Kappa Gamma	342	99		81		82		81				
Delta Gamma	336	101		79		81	60	82	4			
Midpoint Largest/Median	336											
Kappa Alpha Theta	333	104		81		82		83	12			
Pi Beta Phi	332	101		81	8	81		85				
Delta Delta Delta	330	98		81	10	82		77	6			
Alpha Phi	330	102		81	17	79	17	85				
Median Chapter Size	330											
Current Campus Total	330											
Alpha Chi Omega	324	102	6	80		79		82				6
Gamma Phi Beta	316	102	14	79		80		84				14
Average Chapter Size	313											
Chi Omega	312	97	18	81		80		80				18
Alpha Gamma Delta	271	96	59	76	83	64	81	93	34			59
Alpha Omicron Pi	215	99	115	40	156	43	64	89	29			115

Standardized RFM Report

2025

CONFIDENTIAL

Miami - Ohio

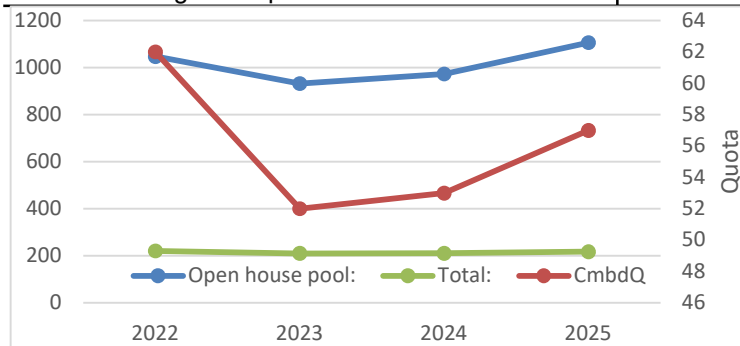
For use only by NPC groups represented at Miami - Ohio and its

Oxford, OH

fraternity/sorority professionals

Event Format	17-12-7-2 format change	Invitation Style	Priority
Recruitment Mgmt System	Campus Director	RFM Specialist	Malley-Schmitt
Total Registered PNMs	1151	PNMs released	Secondary quota: So/Jr/Sr
Open House Pool (# priorities after OH)	1106	from system	Jan. 31
Completing priorities after 1st Invitational	1098	0	Feb. 1&2
Completing priorities after 2nd Invitational	1053	0	Feb. 6&7
		3	Feb. 8
			Preference In-Person

Bid Matching Participants	953	Recruitment Style	FSR
Non-maximizing BM participants	153	RFM Format?	Yes
Matched Before QAs	894	Pi Beta Phi returned, so the format changed to 17-12-7-2. The format change does not allow for accurate comparison to prior year's priority information, esp. in the first round. No reports on the secondary pool will be filed because of its small size.	
QAs Matched	32	Quota =	54
Total Matched	926	Sec Quota =	3
Total Unmatched	27	Groups Matching Primary Quota	16 of 17
% OHP Matched	84%	PNMs w/1st Preference	830 87%
% Bid Matching Participants Matched	97%	PNMs w/2nd Preference	96 10%
		Specialist input on Total: Median was selected.	



Total before recruitment:	164
Largest Chapter Size after recruitment:	224
Midpoint Lrgst/Median after recruitment:	221
Median Chapter Size after recruitment:	217
Average Chapter Size after recruitment:	204
Total after recruitment	217

Chapter	Size Before Recruitment	Primary Matched	2° Matched inc QAs	Primary QAs	Size at BM/TS	Snap Bids	Updated Size
Alpha Chi Omega	162	54	4		220		220
Alpha Delta Pi	149	54	2	2	207		207
Alpha Omicron Pi	108	54	4	1	167		167
Alpha Phi	161	54	3	3	221		221
Alpha Xi Delta	153	54	4	1	212		212
Chi Omega	157	54	3	3	217		217
Delta Delta Delta	153	54	4	3	214		214
Delta Gamma	162	54		2	218	3	221
Delta Zeta	159	54	3	2	218		218
Gamma Phi Beta	155	54	3	1	213		213
Kappa Alpha Theta	155	54	5	3	217		217
Kappa Delta	155	54	5	1	215		215
Kappa Kappa Gamma	159	54	4	2	219		219
Phi Mu	155	54	5	3	217		217
Phi Sigma Sigma	71	30	2		103	2	105
Pi Beta Phi	114	54	3	3	174		174
Zeta Tau Alpha	164	54	4	2	224		224

* Updated Size may not include all accepted bids, declined bids, and other roster changes.

Chapter: [REDACTED] is one of 17 groups on this campus

Invitational Results

	Carry Figure	Actual Flex Used	# PNMs Invited	# PNMs Accepting Invites *	Accept * %	Priority %	Prior Year Priority %
Round 1 Open House Pool				1106			
Round 2 Philanthropy	995	-6	989	810	82%	36%	31%
Round 3 Sisterhood	650	-25	625	509	81%	60%	65%
Round 4 Preference	375	+10	380	130	34%	25%	28%

* Invitation "accepts" are based on priority matching and may not include withdrawals

Bid Matching Results

	This year	Prior year		This year	Prior year
Quota	54	50	Preference accepts (PA)	130	142
Matched	54	50	#PA as a function of EQ	2.4	2.8
Rank of final PNM matched towards Quota	97	89	#PA not in bid matching	9	14
Where closed on bid list as a function of Quota (DNMQ = did not match quota)	1.8	1.8	Bid list length	121	128
			# Bid list 1st choices	56	55
			# Bid list 2nd choices	54	54
			# Bid list ISPed elsewhere	11	19
			%PAs opting out	15%	23%

Priority Comparison

	Your Chapter	Chapter Position (1=strong)	Range	
Priority RRS (PRRS)	0.023	15	0.000	- 0.397
1st Invitational Priority %	36%	15	6%	- 92%
2nd Invitational Priority %	60%	15	49%	- 100%
Preference Priority %	25%	15	12%	- 73%
% First Choices in PA	43%	13	8%	- 71%
Where closed on bid list as a function of Quota	1.8	8	1.4	- 2.0

RRS Comparison

Chapter (only your chapter will be listed)	Prior Weighted RRS	2024 RRS	2025 RRS	New Weighted RRS	Notes for your chapter from the RFM specialist
	0.752	0.757	0.731	0.743	0
	0.711	0.661	0.725	0.710	
	0.665	0.703	0.718	0.701	
	0.596	0.552	0.619	0.601	
	0.481	0.495	0.482	0.482	
	0.455	0.466	0.453	0.457	
	0.358	0.361	0.377	0.369	
	0.460	0.430	0.376	0.412	
	0.376	0.378	0.374	0.377	
	0.271	0.312	0.324	0.308	
	0.373	0.362	0.298	0.332	
	0.351	0.341	0.284	0.318	
	0.282	0.304	0.278	0.284	
	0.176	0.176	0.273	0.232	
	0.274	0.289	0.228	0.250	
	0.165	0.191	0.220	0.196	
	0.179	0.176	0.168	0.172	

Relative recruiting strength (RRS) definitions

- Prior Weighted RRS: Weighted RRS over 3 years prior to the current year
- 2024 RRS: RRS from last recruitment
- 2025 RRS: RRS from current year recruitment
- New Weighted RRS: Weighted RRS to be used in next year's recruitment

The RFM team would caution that RRS is not a ranking of where a chapter placed or performed in the recruitment process. The RRS factor is calculated using a chapter's historical returns throughout all rounds of recruitment over a three year period of time. A weighted average is used, because the most recent year's result is more reflective of the chapter's expected performance in a given invitational than the results from the previous two years. Even more significantly, a chapter's performance during the preference round is not included in the RRS calculation; hence neither a strong nor a weak preference performance is reflected in this value. These facts illustrate why RRS should not be used as a single measure to assess overall chapter recruiting performance in a particular year.

PRRS is a statistical measure of a chapter's performance. This measure is calculated using PNM priorities and bid list first choices from the current year's recruitment.

Exercise 11: Calculating Relative Recruitment Strength

What is my chapter's **RRS** for this year given the following information?

- First invitational accept percentage = 82%
- Second invitational accept percentage = 81%
- Preference accept percentage = 34%

Formula:

(First inv. Accept %) × (Second inv. Accept %) × (Pref accept %) = _____

_____ × _____ × _____ = _____

Exercise 12: Calculating Priority Relative Recruitment Strength

What is my chapter's approximate **PRRS** for this year given the following information?

- First invitational priority percentage = 36%
- Second invitational priority percentage = 60%
- Preference priority percentage = 25%
- MRABA first choice percentage = 43%

Formula:

(First inv. Accept %) × (Second inv. Accept %) × (Pref accept %) × (MRABA First Choice) = _____

_____ × _____ × _____ × _____ = _____

