

# Appendix: Formulas for GSRTF Assessment

## Formulas

### Fixed Dollar Amount for Split-Funded GSRTF

Sometimes a fund source has only enough money to pay a certain amount during a particular month or quarter. You can use the following formula for these situations.

1. Determine the total sum of monthly GSR salary and GSR assessment
2. Divide the fund source A amount by #1 answer
3. Multiply #2 answer x % employed = % to employ on fund source A

Example: Fund source A can only pay \$500.00.

Student is paid 48% at \$2795/mo; Remission = \$840

a.  $\$1341.60 + \$840 = \$2181.60$

b.  $\$500 \text{ divided by } \$2181.60 = 22.9189$

c.  $22.9189 \times 48\% = 11.00\%$

Answer: Fund source A = 11% (\$307.45 salary + \$192.50 remission = Total \$499.95)

Fund source B = 37%

### GSR Partial Month Payment Formula

You can use the following Partial Month Factor Chart to calculate how much a GSR will be paid when employed for only part of a month.

To determine the number of days in a month, count all Mondays – Fridays; including holidays.

For all calculations; figure to 6 decimals and round to 4 decimals.

The payroll formula is:

1. (Partial Month Factor) x (Percent Time Employed) = Y

1. (Y) x (Monthly Pay rate) = Amount paid

Example:

Student worked 7 days out of 22 day month; 49.31% at \$2966/month

1.  $(.3182) \times (.4931) = .1569$

2.  $(.1569) \times (\$2966) = \$465.37$

Chart of Partial Month Factors

Days Worked	Days per Month			
	20	21	22	23
1	0.0500	0.0476	0.0455	0.0435
2	0.1000	0.0952	0.0909	0.0870
3	0.1500	0.1429	0.1364	0.1304
4	0.2000	0.1905	0.1818	0.1739
5	0.2500	0.2381	0.2273	0.2174
6	0.3000	0.2857	0.2727	0.2609
7	0.3500	0.3333	0.3182	0.3043

8	0.4000	0.3810	0.3636	0.3478
9	0.4500	0.4286	0.4091	0.3913
10	0.5000	0.4762	0.4545	0.4348
11	0.5500	0.5238	0.5000	0.4783
12	0.6000	0.5714	0.5455	0.5217
13	0.6500	0.6190	0.5909	0.5652
14	0.7000	0.6667	0.6364	0.6087
15	0.7500	0.7143	0.6818	0.6522
16	0.8000	0.7619	0.7273	0.6957
17	0.8500	0.8095	0.7727	0.7391
18	0.9000	0.8571	0.8182	0.7826
19	0.9500	0.9048	0.8636	0.8261
20	1.0000	0.9524	0.9091	0.8696
21	n/a	1.0000	0.9545	0.9130
22	n/a	n/a	1.0000	0.9565

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## Prorated Monthly Assessment

The GSRTF monthly assessment is prorated when a GSR's total pay for a month is less than 25% time.

$$(a) \quad \frac{\text{Amount paid during a month}}{100\% \text{ Monthly Rate}} = \% \text{ of total month worked}$$

$$(b) \quad (\% \text{ of total month worked}) \times 4 \times (\text{GSRTF Mo. Assessment}) = \text{Prorated Mo. Assessment}$$

Another way to calculate this is as follows:

$$(a) \quad (\text{Partial Month Factor}) \times (\% \text{ Employed}) = \% \text{ of total month worked}$$

$$(b) \quad (\% \text{ of total mo. worked}) \times 4 \times (\text{GSRTF Monthly Assessment}) = \text{Prorated Monthly Assessment}$$

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## Split-Funded GSRTF

The GSRTF monthly assessment is prorated when an eligible GSR is paid from more than one fund source during the same month. If the GSR is split funded, the system will calculate the monthly assessment for each fund source as follows:

$$1. \quad \frac{100\%}{\text{Total \% Worked}} = \text{Factor (to 4 decimal places)}$$

$$2. \quad \text{Factor} \times (\% \text{ worked on one fund source}) \times (\text{GSRTF Mo. Assessment}) = \text{Split funded Mo. Assessment}$$

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## Split-Funding a GSR Appointment with a TA Appointment

**Effective Fall 2021:** *"Graduate students remain eligible for tuition and fee payments and other benefits according to the criteria of their appointment (s). The cost of the tuition and fee payments and other benefits will be charged proportionally across the funding sources of the student's support."*

Learn more about the [Graduate Funding Reform](#) here.

**Graduate Student Employment Policy &  
Procedures**