Subsidies Enhancement - Minimum PI Contribution

## Minimum PI Contribution with Subsidies Overview

Regardless of the total number of subsidies available to a PI by contributing centers, core and center administrators can work together to require a minimum % contribution by the PI for each service rendered. iLab worked with considerable input from customers to implement this feature in a flexible way.

Here is an example scenario explained from the perspective of an institute administrator:

1. I have several centers at my institute that subsidize work conducted at core facilities.
2. PIs at my institution may belong to multiple centers and may receive several subsidies from one or multiple centers.
3. Although some PIs are subsidized by several centers at my institute, I'd like to make sure that they pay at least 75% of the cost of any service from their own funding source.

How to Set up Minimum PI Contribution

Each core has the ability to set the percent minimum contribution that any PI should make towards charges. This percentage can be set by either the institution administrator or a core facility administrator. The setting is found on the administration tab on the core facility under the 'other settings' panel. Simply search for the word 'minimum' in the search bar to quickly find the setting.
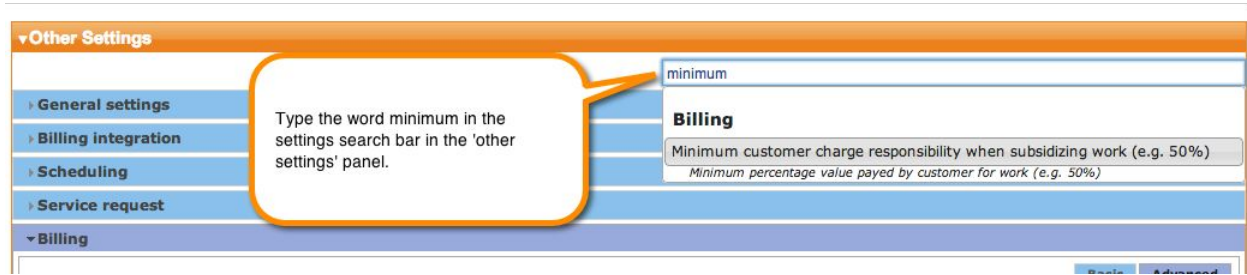
In the appropriate field, enter a percentage that represents the minimum percentage that the customer is responsible for any charges in the facility.
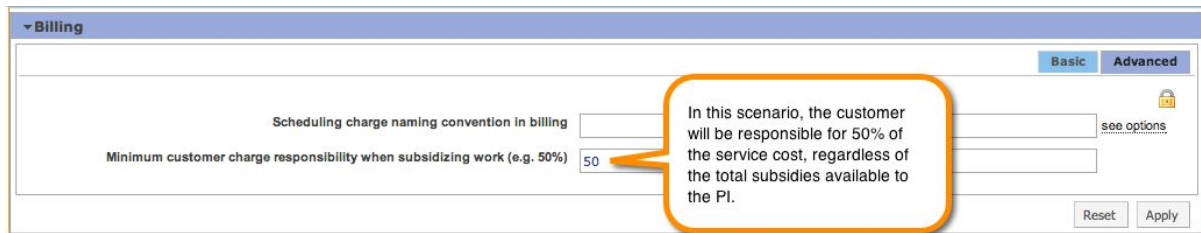
Workflow Example

If a core customer is eligible for a 10% subsidy from center A and a 20% subsidy from center B, but Core Facility A requires that the customer pay at least 80% of the charge cost from their own funding...

for a $100 charge at Core Facility A…
- the **minimum customer responsibility** is 80% of the charge. Therefore, the customer will contribute at least $80 towards the cost of charge.
- centers A and B will be responsible for collectively covering the remaining 20%, or $20 of the cost of the service
- the **total potential subsidy** from both centers to the customer is 30%
  - 10% from Center A + 20% from Center B
  - = 10% + 20%
  - = 30%
- the weight of each center's contribution for the remaining 20 % is weighted as follows:
  - Center A is responsible for...
    - center A potential subsidy / total potential subsidy * remaining totalbb
    - 10% / (10% + 20%) or 1/3
    - 1/3 of 20%

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- - = ⅓ * $20
  - = $6.67
  - ○ Center B is responsible for…
    - center B potential subsidy / total potential subsidy * remaining total
    - 20% / (10% + 20%) * remaining total
    - = ⅔ of 20% * remaining total
    - = ⅔ * $20
    - = $13.33

Here is a table that illustrates several, additional examples:

Scenarios - % contribution of centers

white and orange cells represent the % contribution that each center will make towards services provided to subsidized PIs		Contributing Centers			
		Ctr a - 10% (one center)	Ctr a - 50% (one center)	Ctr a-20%, b-20%, c-10% total potential subsidy = 50%	a-10%, b-30%, c-50% total potential subsidy = 90%
Facility A	25%	a-10%	a-50%	a-20% b-20% c-10%	a- 8.33% (75% total) b- 25% c- 41.67%
minimum percent contribution by customer at Facility A	50%	a-10%	a-50%	a-20% b-20% c-10%	a-5.56% (50% total) b-16.67% c-27.77%
	75%	a-10%	a-25%	a-10% (25% total) b-10% c-5%	a-2.78% (25% total) b-8.33% c-13.89%

orange cells represent the main reason for this feature and scenarios where the centers will evenly distribute the amount to pitch in.