



Using Performance-Based Contract Reimbursement to Promote Accountability, Data Quality, and Ensure Payer of Last Resort Amber Casey MPH & Beau J. Mitts MPH Bureau of HIV/AIDS Prevention and Control, New York City Department of Health and Mental Hygiene (New York EMA)



Disclosures

Presenter(s) has no financial interest to disclose.

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Learning Objectives

At the conclusion of this activity, the participant will be able to:

- Define the crucial elements of performance-based reimbursement
- 2. Describe how to use tools to develop payment points and rates
- Describe how to develop feedback loops with providers and planning bodies to improve service provision and spending



Agenda

- Background and Terminology
- Who is in the Room?
- Lifecycle of a Service Category
- Deliverables
- Fee-for-Service
- Activity 1
- Benefits and Challenges
- Activity 2
- Considerations



Background and Terminology



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Background (1)



- Grantee: NYC Department of Health and Mental Hygiene (DOHMH)
 - DOHMH Bureau of HIV/AIDS Prevention and Control
 - Care and Treatment Program
- 2016 Part A Award is \$100,750,936 (Base and MAI)
 - 177 contracts among 93 agencies in NYC and Tri-County
- 2016 HIV Prevention Funding is approximately \$70,000,000 (CDC and NYC)
 - 198 contracts among 90 agencies in NYC



Background (2)

- New York, NY Ryan White EMA includes
 - Five boroughs (counties) of New York City, and
 - Tri-County area North and East of NYC
 - Westchester, Rockland and Putnam Counties
- Began transitioning Ryan White-funded contracts in 2007
 - From cost-based to performance-based with non-standardized, negotiated rates
- Standardized rates as service categories are RFP'ed
 - Typically release one Ryan White and one HIV Prevention RFP per year
 - Average three (3) service categories per RFP
- In 2016, only 36 cost-based contracts remain in portfolio



Background (3)



- Public Health Solutions (PHS)
 - Formerly Medical and Health Research Association of NYC (MHRA)
 - Master Contractor for DOHMH
 - Contracting and Management Services (CAMS)
 - On behalf of DOHMH, issues RFPs, participates in evaluation and selection process
 - Legal holder of contracts
 - Negotiates contract terms and monitors contract compliance (jointly with DOHMH)
 - Issues payments
 - Processes changes to contract terms, including modifications and renewals
 - Collects most contract reports
 - <u>www.healthsolutions.org</u>



Terms to Know (1)

Performance-Based

• Umbrella term used to denote that payment is determined based on either outcomes or processes performed on a contract rather than on contract expenditures

Deliverables-Based

• A type of **performance-based** reimbursement where payment is determined by successfully completing a pre-determined set of deliverables. A deliverables schedule is set with contract milestones and corresponding target completion dates. *For example, a start-up deliverable may be "development of client grievance procedure" or "50% of program staff hired".*

Fee-for-Service

• A type of **performance-based** reimbursement where payment is determined by completing discreet, unbundled services. Typically, these are process-oriented and payment is based on a standardized rate. *For example, the calculated rate for an "intake assessment" into a mental health program is \$296.*



Terms to Know (2)

Cost-Based

- A type of reimbursement where payment is based directly on a contract budget and submitted expenditures.
- Hybrid
 - A type of contract that contains more than one reimbursement methodology, e.g. cost-based, deliverables-based, and/or fee-for-service.
- Rate Setting
 - A process where individual service elements are defined and a reimbursement rate is set for each. Each rate is standardized and accounts for variables such as staff time, staff salary, supplies, etc.

MRA

• The Maximum Reimbursable Amount is the maximum total dollar amount of the contract able to be reimbursed.

• MAA

• The Maximum Authorized Amount is a subset or a portion of the MRA that is authorized for expenditures.



Deliverables-Based Reimbursement

- Reimburses contractors based on completion of project milestones
- Payment is dependent on meeting deliverables
- Provides some flexibility in managing spending
- Forces contractors to track progress of achieving milestones



Fee-for-Service Reimbursement

- Reimburses contractors based on budgeted services and costs through reimbursement rates
- Provides contractor flexibility in managing spending
- Payment is dependent on number of services provided and ensures provision of contracted services
- Forces contractors to track services provided and encourages them to analyze actual vs. budgeted services
- Incentivizes contractors to provide services efficiently, including evaluating staff providing the service, overhead costs, etc.
- May result in growing pains but will encourage contractors to deliver their services more competitively



Cost-Based Reimbursement

- Reimburses contractors for costs incurred in providing services
- Requires funder approval for all spending changes
- Payment not dependent upon number of services delivered
- No direct incentive for efficiency
- Less direct incentive to maximize alternative funding sources or reimbursement streams
- Some service categories make sense only as costbased (e.g. housing)



Who is in the Room?



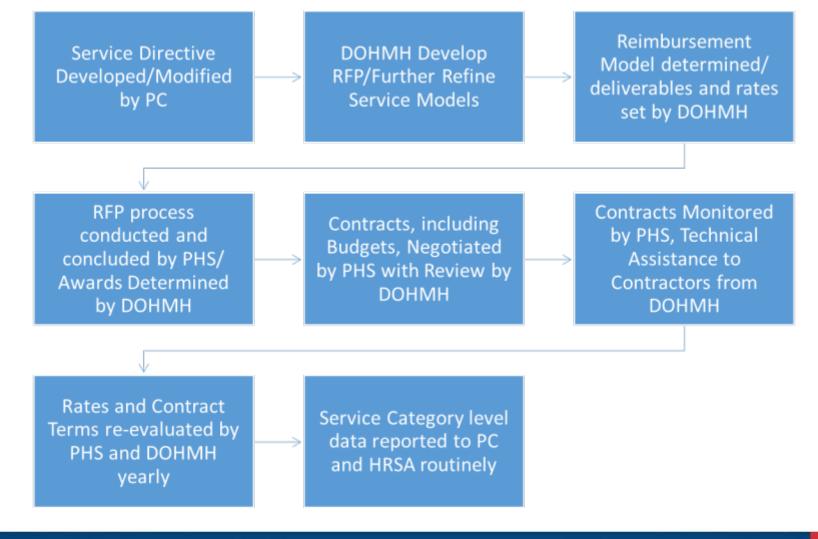
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Questions for the Room

- How many of you administer/manage contracts?
- How many of you are direct service providers?
- How many of you have cost-based contracts only?
- How many of you have fee-for-service contracts?
- How many of you have deliverable-based contracts?
- How many of you have hybrid contracts?



Lifecycle of a Service Category





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Lifecycle of a Service Category

Reimbursement Service Directive **DOHMH** Develop Model determined/ **Developed/Modified RFP/Further Refine** deliverables and rates by PC Service Models set by DOHMH **Contracts Monitored RFP** process Contracts, including conducted and by PHS, Technical Budgets, Negotiated concluded by PHS/ Assistance to by PHS with Review by Awards Determined Contractors from DOHMH by DOHMH DOHMH **Rates and Contract** Service Category level Terms re-evaluated by data reported to PC PHS and DOHMH and HRSA routinely yearly



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Reimbursement Model

Deliverables



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Elements of Deliverables

- Deliverable Description
 - Contract Milestones
- Required Documentation
- Target Completion Date
- Voucher Due Date
- Funding Allocation



When to Use Deliverables

- Beginning of new fee-for-service contracts
 - Allows for agencies to begin scaling up their program
 - Hire and train staff
- Closeout of terminating fee-for-service contracts
 - Allows time for agencies to scale down their program
 - Focus on transferring clients
- Contract activity is not a direct client service
 - Examples include
 - Social network maps for HIV Social Network Testing
 - Required staff trainings



Reimbursement Model

Fee-for-Service



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Elements of Fee-for-Service Reimbursement

- Client-level data
- Discrete payment points
- Reimbursement rates
- Feedback to providers
- Technical Assistance to providers



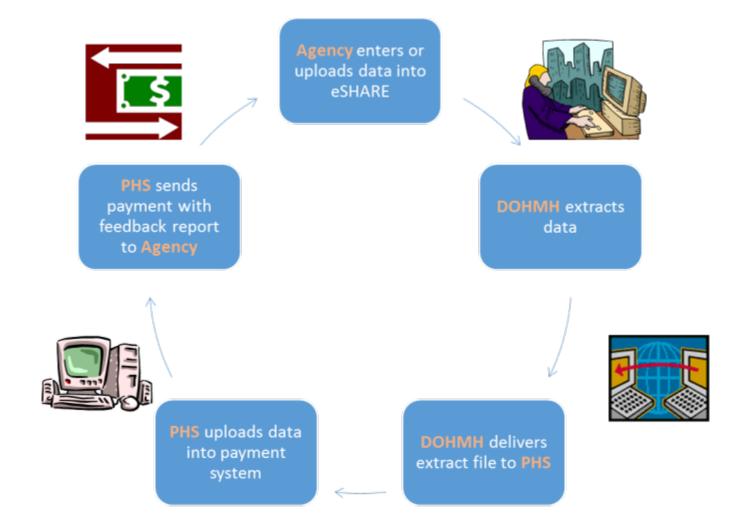
Client-Level Data

- Electronic Systems for HIV/AIDS Reporting and Evaluation (eSHARE)
 - Demographics
 - Service Types (some with subtypes)
 - Worker who provided service
 - Start and End time
 - Service Location
- Payment System at Public Health Solutions (MAPS)
 - Extract from eSHARE mapped to payment points and rules

e-share



From Data Entry to Payment





Discreet Payment Points

- Are payments based on client-level essential elements/activities
- Allow monitoring of service targets for required elements
- Allow establishment of payment rules (e.g. service caps)
- Increase data entry requirements





Activity 1



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Activity 1 – 10 minutes

- 1. Break into small groups/pairs
- 2. Introduce yourselves to each other
- **3**. Using Worksheet #1, identify a Ryan White service category everyone in the group funds
- 4. Identify key components or service elements of this service category
- 5. Determine which of these key components or service elements could be used as payment points

6. Report back



Service Level Rate Analysis Tool (SLRAT)

	A	В	С	D	E	F	G	Н	I. I.	J
1	Agency Name:					_				
2	Contract Number:	16-MHV-508								
3	Service Category:	Mental Health	Services			_				
4	Contract Period:	06/01/2016 - 0	2/28/2017			_				
5	_									
5	_	Schedule F	: Service L	evel Ana	alysis					
7										
		Projected		Total	Approved			Allocated		Total Rounded
8	Service Type	Units	Multiplier	Units	Rate	Calculated MRA	Percent	Difference	Total MRA	MRA
9	Intake Assessment	5.00	1.00	5.00	\$296.00	\$1,480.00	0.94%		\$1,480.00	\$1,480.00
0	Service Plan Development	5.00	1.00	5.00	\$112.00	\$560.00	0.35%		\$560.00	\$560.00
1	Reassessment	16.00	1.00	16.00	\$254.00	\$4,064.00	2.57%		\$4,064.00	\$4,064.00
2	Service Plan Update	16.00	1.00	16.00	\$112.00	\$1,792.00	1.13%		\$1,792.00	\$1,792.00
3			Ass	essment	and Planning	\$7,896.00	4.99%	\$0.00	\$7,896.00	\$7,896.00
4	Mental Health Counseling - Individual	45.00	1.00	45.00	\$196.00	\$8,820.00	5.57%		\$8,820.00	\$8,820.00
5	Mental Health Counseling - Group	6.00	1.00	6.00	\$79.00	\$474.00	0.30%		\$474.00	\$474.00
6	Mental Health Counseling - Family	1.00	1.00	1.00	\$225.00	\$225.00	0.14%		\$225.00	\$225.00
7	Psychiatric Evaluation	3.00	1.00	3.00	\$390.00	\$1,170.00	0.74%		\$1,170.00	\$1,170.00
8	Psychiatric Visits	18.00	1.00	18.00	\$209.00	\$3,762.00	2.38%		\$3,762.00	\$3,762.00



Service Target Grid

	Α	В	С	D	Е	F	G	Н	I	J	К	L	1
1	Agency Name:												
2	Contract Number:	•	16-MHV-508										
3	Service Category:		Mental Health										
4	Contract Period:		06/01/2016 -	02/28/201	7								
5													
6	Schedule	E: Service Targe	et Grid										
7						45							<u> </u>
8						45	Projected r	number of u	unduplicated	d clients sei	rved by this	contract	<u> </u>
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12													
13	Service	RequiredOptional	Units	Clients	Ma	rch	Ap Ap	oril	M	ау	Ju	ne	
					# of	# of	# of	# of	# of	# of	# of	# of	#
14			Service Unit	# of Clients	Services	Clients	Services	Clients	Services	Clients	Services	Clients	Ser
15	Assessment and Planning												
16	Intake Assessment	Required	Encounters								6		
10	indice Assessment	Required	Encounters										
17	Service Plan Development	Required	Encounters								6		
18	Reassessment	Required	Encounters								0		
											0		
19	Service Plan Update	Required	Encounters								0		
20	Mental Health Services (CORE): at	least 50% of the MR	A must be all	located to	ward Me	ntal Hea	lth, Othe	r Couns	eling Ser	vices ar	d Evider	ice Base	ad In
											5		
21	Mental Health Counseling - Individual	Required	Encounters								5		
											0		
22	Mental Health Counseling - Group	Required	Attendee								Ŭ		
23	Mental Health Counseling - Family	Required	Event								0		
20	Mental Health Oburiseling - Falling	roquiou	Lyon										



Reimbursement Rates

- Can be standard across a service category or individually negotiated with each agency
- Can be published ahead of time in RFPs or determined/presented during negotiations
- Rates and payment rules should be transparent to providers
- Can be based on other standardized rates (such as Medicaid or Medicare rates) or on cost inputs



Rate Setting Inputs

- We use a rate-setting tool to determine payment amounts for each service element
- The following inputs are used develop a standardized rate for each service element:
- 1. Direct time: direct time estimated for delivery of the service
- 2. Data entry: time needed to enter data and complete reporting requirements
- 3. Staff type: minimum staff credential required to deliver service
- 4. Staff salary: average salary for staff role
- 5. Mark ups: direct personnel, fringe, admin, other than personnel (OTPS) markups
- 6. Travel: for offsite services (if applicable)



Rate Setting Tool

Activity Name Level in Frage	ervice Category 1: Mental Health Services																			
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For our rate setting example, we will set the rate for our Mental Health Intake Assessment.

Service Element	Location	Direct Time (hrs)	Travel (hrs)	Data Entry (hrs)
Intake Assessment	Onsite	1.25	0	0.5
A	В	c	D	E
The first column of the rate setting tool lists the service elements for the service category. In this case, it is the program Intake Assessment.	For this example, Intake Assessments fo this service category are only to be conducted onsite.		Since the Intak Assessment in this example i only allowed t be delivered onsite, there i not travel time associated wit the service element (see B	 service providers to enter data through our reporting program eSHARE. To account for this time, we estimate 30 minutes needed



Intake Assessment rate setting example continued.





Intake Assessment rate setting example continued.

Staff	Salary	Direct PS	Fringe	OTPS	Admin
Licensed MH Practitioner F	\$75,000 <mark>G</mark>	0.2 H	0.3	0.25 J	0.12 K

To calculate the next column, **L** (Total cost/service/year), we use the following calculation:

G*(1+H)*(1+I)*(1+J)*(1+K) = 75,000*(1+0.2)*(1+0.3)*(1+0.25)*(1+0.12)

=\$163,800.00



Intake Assessment rate setting example continued.

Total Cost/Service/Year	Work Hours/ Year	Cost/Hour	Total Time/ Service	No-show probability
\$131,040	1210	\$108.30	1.75	0.2
L Total from previous slide.	Weekdays per yr: 260	N Total Cost/Service/Yr	Direct time/encounter	P We account for this time for
	Holidays/leave days per yr: 40	(L) divided by Work Hours/Year (M)	(C) + Travel (D) + Data entry (E)	some service elements where a staff may plan
	Direct hours/day: 5.5	\$131,040/1210 = \$108.30	1.25+0+0.5 =1.75	for a client to be present but there is a no- show
	(260-40)*5.5 = 1210			



Intake Assessment rate setting example continued.

Total Cost/Service/Year	Work Hours/ Year	Cost/Hour	Total Time/ Service	No-show probability		
\$131,040	1210	\$108.30	1.75	0.2		
L	М	Ν	0	Р		

To calculate the next column which would be **Q** (Adjusted Time/Service), we use the following calculation: $\frac{O^*(1+(P/(1-P)))}{1.75^*(1+(0.2/(1-.02)))}$ =2.19





Intake Assessment rate setting example continued.

Adjusted Time/Service	Supplies	Cost/Unit	Adjusted Rate/Unit \$237.00		
2.19	\$0	\$236.90			
Control from previous slide.	R If there is a supply cost associated with the service we account for it here. For example, supplies may include the cost of a vaccine dose or an testing kit.	S Cost/Hour (N) multiplied by Adjusted Time/Service (Q) \$108.30*2.19 =\$237.18	T Rounded value from Cost/Unit (S)		





Activity 2



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Activity 2 – 20 minutes

- 1. Join your small group from Activity 1
- 2. Select one of the service elements you determined earlier could be used as a payment point
- **3**. Using Worksheet #3, determine appropriate cost inputs for the service element
- 4. Brainstorm payment rules for the service element that may affect reimbursement, such as service caps





Next Steps?



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Next Steps

- Test your developed rates
 - Build a model program in a Service Target Grid
- Test your input assumptions
 - Conduct a work analysis
- Develop a model budget
- Compare model budget to model program MRA
- Finalize rates and issue RFP



Feedback to Providers

- Important for providers to know what services have been recognized and reimbursed
- Master Itemization Report (MIR)
 - Summary Page
 - Discrepancies Under Investigation
 - Year-to-Date Totals by Service
 - Summary of Issues Noted (SIN)
 - Examples include possible duplicates, invalid frequency, exceeds cap, etc.
 - Monthly Totals for Services Submitted and Recognized
 - Line-Item Items Recognized
 - Group Attendees Recognized



Α	В	С	D	E	F	G	H	1	J	K	L	M

MASTER ITEMIZATION REPORT FOR CONTRACT 07-MSV-150

II:YEAR-TO-DATE TOTALS BY SERVICE

7	Service Family	Service Type	Service Type Code	Rate	Multiplier	Units Recognized	Projected Units	Percent Units Completed	Recognized Value	Projected Value	Percent Value Completed
8	Mental Health	Biomedical Counseling - Partners	P86	\$107.55	1	0	0	0.00%	\$0.00	\$0.00	
9	Mental Health	Care Coordination – Other Medical/Social Services Provider	246	\$107.55	0.5	1352	1471	92.00%	\$72,703.80	\$79,103.03	
10	Mental Health	Home Visit for Clinical Purposes	251	\$107.55	2	3	10	30.00%	\$645.30	\$2,151.00	
11	Mental Health	Mental Health Intake and Assessment	058	\$107.55	1	26	20	130.00%	\$2,796.30	\$2,151.00	
12	Mental Health	Treatment Adherence Counseling - Individual	239	\$107.55	0.5	969	1314	74.00%	\$52,107.98	\$70,660.35	
13	Subtotal for Mental Health							or Mental Health	\$128,253.38	\$154,065.38	83.25%
14	Mental Health Advocacy	Accompaniment	030	\$171.97	1	17	24	71.00%	\$2,923.49	\$4,127.28	
15	Mental Health Advocacy	Client Engagement Activities	P55	\$171.97	0.5	499	480	104.00%	\$42,906.52	\$41,272.80	
16	Mental Health Advocacy	Outreach for Client Re-engagement - Office	H02	\$17.20	0.25	251	360	70.00%	\$1,079.30	\$1,548.00	
17	Mental Health Advocacy	Wellness Group	P58	\$171.97	0.75	8	24	33.00%	\$1,031.82	\$3,095.46	
18	Mental Health Advocacy	Wellness Individual	P57	\$171.97	0.75	140	144	97.00%	\$18,056.85	\$18,572.76	
19	Subtotal for Mental Health Advocacy						Health Advocacy	\$65,997.98	\$68,616.30	96.18%	
20	OPS	Reassessment	076	\$0.00	0	162	144	113.00%	\$0.00	\$0.00	
21	OPS	Service Plan Development	225	\$0.00	0	17	24	71.00%	\$0.00	\$0.00	
22	OPS	Service Plan Update	226	\$0.00	0	490	144	340.00%	\$0.00	\$0.00	
23	Subtotal for OPS								\$0.00	\$0.00	
24	Psychiatric Services	Care Coordination – Primary Care Provider	247	\$168.69	2	521	610	85.00%	\$175,774.98	\$205,801.80	
25	Subtotal for Psychiatric Services							\$175,774.98	\$205,801.80	85.41%	
26	Grand Total								<u>\$370,026.33</u>	<u>\$428,483.48</u>	

27

2 3 4

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* Note that the Units Recognized and Recognized Value shown above may include services that may be recoupable at closeout. They also may include amounts which may not be payable insofar as they exceed the Maximum Reimbursable Amount for a given service family or the contract as a whole. The Projected Units and Projected Value shown above reflect the projections entered into CAMS' payment system at the time this report was run; recent changes in projections that have not yet been entered into the payment system will not be reflected.

28 29

29

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Sheet1 Sheet2

Sheet3 Sheet4 Sheet5

Sheet7 (+)

Sheet6

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Technical Assistance to Providers

- Contract Managers work with the providers to reconcile the MIR with their own data records
- Contract Managers answer questions about payment rules, service caps, and disallowed services
- Project Officers provide technical assistance on program models and quality management
- eSHARE Technical Assistants provide technical assistance on data entry and other eSHARE specific issues (including the RSR)



Monitoring and Evaluation

Monitoring

 Contractual monitoring on service targets vs. actuals

Programmatic

monitoring of program model expectations and essential service elements

Evaluation

- Gather very specific information on service utilization patterns
- Lockout features in data entry system require our providers to enter clinical indicator data in order to enter services for payment
- Collect health outcomes



Payer of Last Resort

- Because you are paying for discrete services, you have the ability to pay for essential services that are not reimbursable by insurance/Medicaid for insured patients
 - Examples include home-based services, linkage/navigation, services over Medicaid caps, per attendee reimbursement for groups allows mixed funded groups, etc.
- If a service is later found to be insurance/Medicaid reimbursable, the payment can be more easily recouped and used to pay for other services
- If a provider thought a service would be reimbursed by Medicaid/insurance and later is not, they can bill the grant knowing they are in compliance with POLR



Benefits and Challenges



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Why Change?



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What do you think are the benefits of Performance-Based Reimbursement?



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Potential Benefits

- Incentivize program model and public health priorities
 - Example: Linkage to primary care in HIV Testing programs
- Payment more closely tied to services delivered
- Ensure thorough reporting of services delivered
- Ability to reprogram
 - Reallocate funding from under-performing contracts to overperforming contracts
- Identify trends in service utilization for service directive/standards of care updates
- Detailed trends data to report to Planning Council other stakeholders
- Mechanism for collected clinical indicators from nonclinical providers by tying in to contract payments



Challenges?

What do you think are the challenges of Performance-Based Reimbursement?



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Potential Challenges

- Providers don't always want to do new things, without more money
- Setting the system up and providing the technical assistance is time-consuming
- Some providers and provider types may have difficulty projecting services
- Requires a strong IT infrastructure and data capacity
- A schedule to re-evaluate rates is not usually clear





Considerations



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Things to Consider

- Because the Ryan White Program is still a cost-based program, so DOHMH still:
 - Requires a budget to justify costs
 - Requires an end of year cost report
 - Ensures that administration is no more than 10% of the aggregate program costs
- One data system for reporting and reimbursement
- Sufficient data management capabilities
 - Consider data structure of data reporting system
 - Encounter-based v. Service-based data entry



Things to Consider

- Be patient transition and change take time
- Performance-based reimbursement may not be appropriate for all service categories
- Not all contractors will be able to make the transition from cost-based to performance-based contracting
- Be prepared to offer capacity building and technical assistance as you transition reimbursement methodologies
- Creating/maintaining consistent service definitions
- Flexibility of reimbursement model
 - Clearly explain in the RFP



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- Public Health Solutions
 - Rachel Miller
 - Derek Coursen
 - Ryan Rasmussen
 - Gucci Kaloo



Salary Resources

- Salary.com
 - http://www.salary.com/category/salary/
- Glassdoor.com
 - https://www.glassdoor.com/index.htm
- Indeed.com
 - http://www.indeed.com/salary



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