### The Use of Respondent Records in Collecting Cost and Utilization Data on the Medicare Current Beneficiary Survey (MCBS) July 2018

Debbie Reed-Gillette, Director Division of Survey Management & Analytics Office of Enterprise Data & Analytics Centers for Medicare & Medicaid Services





### What is the Medicare Current Beneficiary Survey (MCBS)?

- The Medicare Current Beneficiary Survey (MCBS) is a continuous, in-person, multi-purpose longitudinal survey covering a representative national sample of the Medicare population, including the population of beneficiaries aged 65 and over and beneficiaries aged 64 and below with disabilities, residing in the United States and Puerto Rico.
- The MCBS is sponsored by the Office of Enterprise Data and Analytics (OEDA) of the Centers for Medicare & Medicaid Services (CMS) and is conducted through a contract with NORC at the University of Chicago (NORC).
- The MCBS has been in the field continuously since 1991, collecting over 1 million interviews with over 200,000 beneficiaries.
- The MCBS provides important information on beneficiaries that is not available in CMS administrative data and plays an essential role in monitoring and evaluating beneficiary health status and their experiences with the Medicare program.

### What is the Medicare Current Beneficiary Survey (MCBS)?

- The MCBS uses a rotating panel sample design. The total annual sample is approximately 14,000. One panel is retired during each summer round, and a new panel of about 6000 is selected each fall round to replace it and to account for any attrition due to death, and loss of benefits.
- Each sampled beneficiary is interviewed up to three times per year for four consecutive years to form a continuous profile of their health care experiences during their participation in the survey.
- The three data collection rounds per year are referred to seasonally (Fall, Winter, Summer).
- Sampled beneficiaries may be living in the community (e.g., their homes) or a facility (e.g., nursing homes).
- We collect information not only on the beneficiaries' health and experiences with the health care system, but also on their health care expenditures and reimbursements.

### Available Data

- CMS provides users with multiple ways to access MCBS data and a wide array of documentation that is
  publically available on the CMS MCBS website.
- Data users have several options to access MCBS data <u>https://www.cms.gov/mcbs</u>:
  - MCBS data are made available via two annual Limited Data Set (LDS) releases and an annual Public Use File (PUF). These releases are accompanied by detailed Data User's Guides as well as other technical documentation.
  - The initial LDS file release includes the Survey File which contains questionnaire collected and administrative data on the beneficiary. It includes information on chronic conditions, health status, mobility, health insurance coverage, residence type, and other health related data. The subsequent LDS release, the Cost Supplement, provides information on the beneficiary's utilization of medical services, supplies, and prescription drugs, and their associated costs and out-of-pocket and insurance payments.
- MCBS documentation is publically available on the CMS website, such as an annual Chartbook, Data User's Guides, Methodology Reports, codebooks, and questionnaire specifications.

### **Collecting and Using Respondent Records**

- Respondent records on their health care utilization, costs, and reimbursements are used to provide a total picture of the out-of-pocket costs for their health care expenditures.
- During a beneficiaries baseline (first) interview, they are provided with instructions on the types of records to save for their next interview.
- We begin at this interview to "train" our respondents to keep all documents relating to their health care utilization including: receipts, bills, insurance explanation of benefits (EOBs), Medicare Summary Notices (MSNs), prescription drug bottles, health insurance premium notices, canceled checks for medical payments, and any other information about their medical appointments and the cost and payment of their medical expenses.
- We provide them with a planner and a folder to use in tracking and collecting this information.

### **MCBS** Planner





### MCBS Folder

# At the UNIVERSITY of CHICAGO

#### USE THIS FOLDER TO SAVE:

All insurance statements, bills, receipts, & any other documentation for all medical visits & purchases, including:

- Doctor/hospital visits (checkups, dental visits, ER & inpatient stays, outpatient visits, therapy, etc.)
- ✓ Prescription drugs (include pharmacy labels)
- Medical items/equipment (glasses, diabetic equipment, crutches, hearing aid batteries, incontinence supplies, etc.)

### **Interviewer Training**

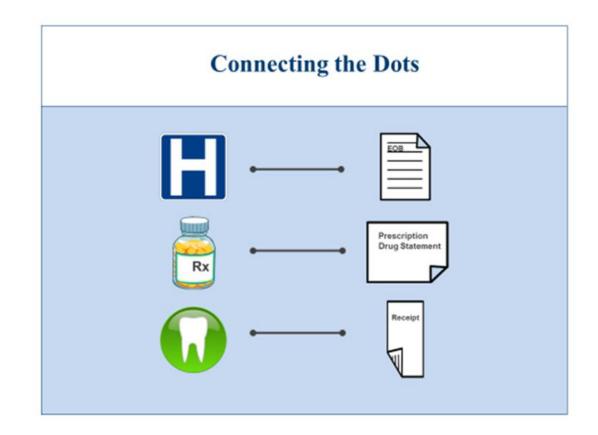
- Our 220 field interviewers go through detailed training to learn how to identify, sort, and bundle respondent records.
- The information on utilization such as appointments and purchases are matched with the bills, and insurance statements to provide a picture of the utilization, costs, and payments for each event.
- Interviewers have initial in-person intensive training, and then attend annual on-line refresher trainings.
- The Field Managers periodically observe each interviewer for correct handling of the records. Field Managers observe approximately 17 interviewers.

### Using the Respondent Records in the Survey

- Determining what is relevant is important for our interviewers
- We train interviewers using "real world" examples of relevant and not relevant documents.
- Organizing the various documents saved by the respondent into related bundles of information is important for entering the information efficiently about utilization and costs.



# Understanding the Relationship between Events, Bills, and Reimbursement



### Understanding Key Elements from Records

Statements vs non-Statements

#### **Statement or Not a Statement?** Determining if a piece of paperwork is a statement or not. Not Statements: Statements: Medicare Summary Notices •Bills (MSNs) •Receipts for services Insurance statements ·Receipts for prescribed TRICARE statements medicines Prescribed medicine bottles Prescription drug statements

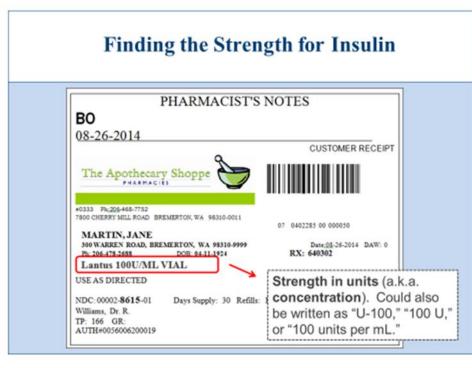
### Understanding the Key Elements of a Bill

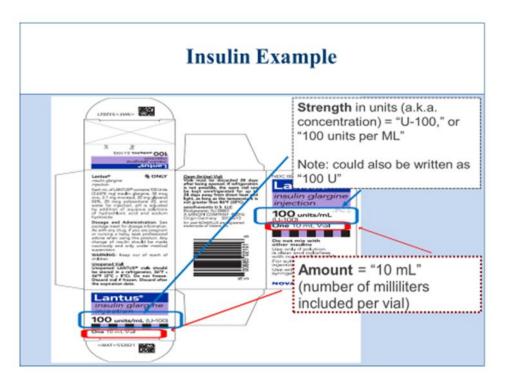
Verde Dentistry 34 N Valle Verde Dr.,						STATEME DATE	NT AN	NOUNT DUE	
Henderson, NV 89074						06-01-20	17	\$0.00	
					E	DUE DAT 07-01-20		EMITTANCE	
James Han 6532 Oak S Elko, NV 89	St				V	erde Dentis	KS PAYABLE try er: 702-219-0		
CURRENT	30 DAYS	60 DAYS	90+ DAYS	TOTAL E	BAL INS E	STIMATE	DEFERRED	DUE NOW	
CURRENT	30 DAYS	60 DAYS	90+ DAYS 0.00	TOTAL 8		ESTIMATE 0.00	DEFERRED	DUE NOW	
0.00	0.00	0.00	0.00 SCRIPTION				0.00		
0.00 DATE F 05-23-17 05-23-17 H 05-23-17 H	0.00 PATIENT Harden Harden	0.00	0.00 SCRIPTION NCE	0.00		0.00	0.00		
0.00 DATE 1 05-23-17 05-23-17 H 05-23-17 H	0.00 PATIENT larden larden larden	0.00 DES PREVIOUS BALAI Cleaning, <1yr Topical Fluoride Tr	0.00 SCRIPTION NCE	0.00	CHARGES 98.50 25.00	0.00	0.00		

### Understanding the Elements of a Prescription Medication Label

CVS/pharmacy MEANING STREET, CHICAGO, IL BORGE ALMA JONES MEXIUM 40 MG CAPSULE	PH RMAC	Y Ph: 321-	Boy, FL 32905
Generic Name: Esomeprazole Magnesium	Rx: 1533280	RPh/Tech: CAA/AMT	NO - CP
TAKE 1 CAPSULE BY MOUTH EVERY DAY	JONES, ALMA OMEPRAZOLE 20		
Store Phone: (111) 222-3333 Rx # 789012	TAKE 1 CAPSULE BY	MOUTH EVERY DAY	1523280
			5

### Understanding Key Elements for Other Medical Costs





### **Understanding Insurance Statements**

### **Identifying Key Elements**

#### 1. If a document is a statement, what kind is it?

- Medicare Summary Notices (MSNs)
  - -Medicare Part A and Part B
- Insurance statements
  - -Medicare Advantage
  - -Medigap and other private insurance
- TRICARE statements
- · Prescription drug statements
  - -MPDP Statement
  - -MA Prescription Drug Bundle
  - -TRICARE prescription Drug Bundle

### **Identifying Key Elements**

#### 2. Is it a charge bundle?

- Any charges grouped together under a single claim total on an MSN or insurance statement.
- •When entering cost information in the Cost Series, you enter **one charge bundle at a time.**



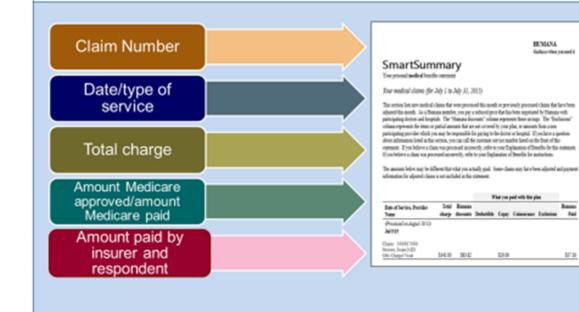
### **Reading Insurance Statements**



Benero .

Paid

\$C B

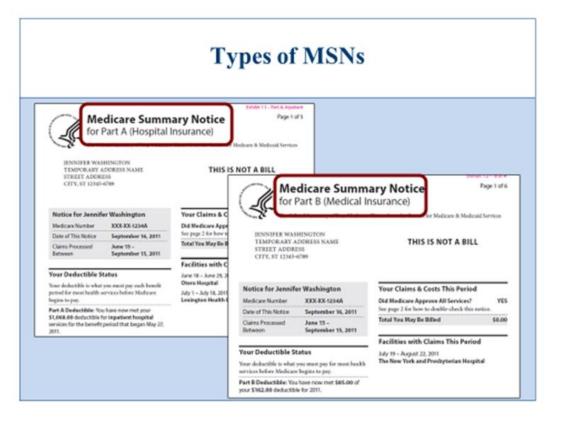


#### Provention to an anti-intervention to an anti-intervention to an anti-intervention to an anti-metal anti-anti Page 1 of 5 water Bar Dear Medicare Summary Notice PO An WORK INC.008 Sealin, Mr. MILLS 4031 for Part B (Medical Insurance) The Official Summary of Your Medicus Claims from the Camers for Medicus & Medicuid Services Keeneth Davis 67 E BLUFF FO THIS IS NOT A BILL are educative barris el sull'autorea oper tax second Notice for Kenneth Davis. Your Claims & Costs This Period NAMES IN TRADUCT EXX ST-GARDE Did Medicare Approve All Services? 783 Tax page 2 for love to double claude this motion. **Benefits at a Glance** Trick and with Fananciery Did units for Total You May Do Dilled \$172.44 upper instantion. COIPS PRICESSE June 26, 2016 --Ballybal. September 58, 2815 Manhacthia Munduar Millionista, 22 Reserves to sales it year state to case to Immunate Desc Excenter 15, 2016 Providers with Claims This Period specials, neur pain factories paints to be and the wine a period for period Massa tere to plur tertificate at uturate to this time period Bart analy Cigna Medicare Rx (PDP) Sector. 1917 R. Water and Angest Internet Read Lines. Int. Medicare Part D Prescription Drug Plans the Preud notice of 1.800 212 0400. Bring Roat Information to any incuration company to 0010/16 Cipita Medicata Ra PROF & crime that any must is printing and PO BUX 289008 that parameters Weston FL 33325-8927 Address Service Requested Cigna Medicare Rx (PDP) is operated by advent thirds attain interior. Ogna Health and Life Insurance Company (P.O. Box 250005, Weston, PL sustant-deteration to deter KENNETH DAVID 67 C BLUFF RD 33326-68271 KENT, WA 98030 Member (0: 00000015325866721 Your Monthly Prescription Drug Summary PREMERA . Medicare Supplement Plans For March 2016 intered for Man Crisis Silar Shield Internation Company This summary is your "Explanation of Benefits" (208) for your Medican processpin drug ovverage (Part D). Please retiew this unmany and keep it for your records. (This is not a bill.)

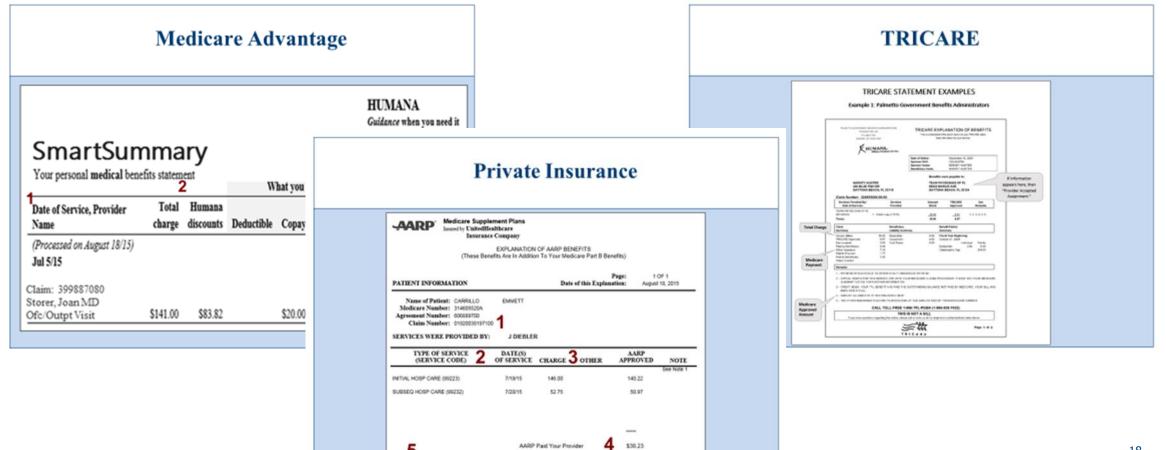
**Insurance Statements** 

### Medicare Summary Notices (MSNs)

	Types of MSNs	
Jennifer Washington	THIS IS NOT A BILL   Page 3 of 4	
	art A (Hospital Insurance)	
Part A Hospital Insurance helps pay for inpatient hospital care, inpatient care in a skilled nursing	Jennifer Washington	THIS IS NOT A BILL   Page 3 of 4
	Your Home Health Claims for Pa	rt A (Hospital Insurance)
Definitions of Columns		r provider has agreed to accept this amount as payment for covered services. Medicare usually
Jennifer Washington	THIS IS NOT A BILL   Page 3 of	5 the Medicare-approved amount.
Your Claims for Part B (M	ledical Insurance)	re paid the provider. This is the amount re-paid the provider. This is usually 80% of the re-approved amount.
Part B Medical Insurance helps pay for doctors' services, diagnostic tests, ambulance services, a other health care services.		
Definitions of Columns	lennifer Washington	THIS IS NOT A BILL   Page 3 of 5
Service Approved?: This column tells you if 3 covered the service.	Your Unassigned Claims for Part	B (Medical Insurance)
	claims below are unassigned—meaning the provider fee fo hasn't agreed to accept the Medicare-approved Medi imount as payment in full. a prov	unt Provider Charged: This is your provider's r this service. care-Approved Amount: This is the amount vider can be paid for a Medicare service. Since provider hasn't agreed to accept assignment, you



### Other Types of Insurance Statements



Note 1 This provider did not accept assignment. Under your benefit plan, you are responsible for the amount over Medicare's approved sharge for covered services - \$ 7.56. Do not remit to AARP.

### **Prescription Medication Statements**

Section 1. Your prescription drugs during the past month

Chart 1 shows your prescriptions for covered Part D drugs for the past month.

 Please look over this information about your prescriptions to be sure it is correct. If you have any questions or think there is a mistake, Section 5 tells you what you should do.

1	<u> </u>	Chart 1. Your prescriptions for covered Part D drugs August 2017	Plan paid	You paid	Other payments (made by programs or organizations; see Section 3)
		08/05/2017, CVS PHARMACY 10-2698 #110 Rv#8053844, 20 TABLETS	\$16.25	\$5.32	\$0.00
		ULTRAM(TRAMADOL HCL), 100 MG 08/10/2017, CVS PHARMACY 10-2698 #110 Rx#8045854, 40 TABLETS	\$45.84	\$15.78	\$0.00
	2	VITAMIN D-3, 50000 IU 08/22/2017, CVS PHARMACY 10-2698 #110 Po#8053844, 20 TABLETS	\$16.25	\$5.32	\$0.00
		TOTALS for the month of August 2017: Your "out-of-pocket costs" amount is \$26.42. (This is the amount you paid this month (\$26.42) plus the amount of "other payments" made this month that count toward your "out-of- pocket costs" (\$0.00). See definitions in Section 3.1		\$26.42 (total for the month)	\$0.00 (total for the month)
	3	Your "total drug costs" amount is \$104.76. (This is the total for this month of all payments made for your drugs by the plan (\$78.34) and you (\$26.42) plus "other payments" (\$0.00).)	]	4	
		Year-to-date totals P 01/01/17 through 08/31/2017	lan paid	You paid	Other payments (made by programs or organizations; see Section 3)
		Your year-to-date amount for "out-of- pocket costs" is \$83.74. Your year-to-date amount for "total drug costs" is \$456.91. For more about "out-of-pocket costs" and "total drug costs", see Section 3.	\$373.17 (year-to-date total)	\$83.74 (year-to-date total)	\$0.00 (year-to-date total)

### Understanding the Bundling of Charges on MSNs

Charge Bundle Example							Multiple Events to C	Charge B	undle
June 16, 2016 Christiana Care Health Services I 501 W 14 <sup>th</sup> Street, Wilmington, DE		3-7000 Amount Provider	Medicare-	Amount	Maximum You May	See Notes	December 10, 2015 – Ja Heartland Home Health Care, (5 4855 W Hillsboro Blvd, Suite B-4,	55) 555-1234	
Service Provided & Billing Code	Approved?	Charged	Amount	Paid	Be Billed	Below	Quantity & Services Provided	Service Approved?	Amount Provider Charged
. <u>Blosby</u> , Roman, M.D.							4 Occupational Therapy	Yes	\$740.00
stablished patient office or other tpatient visit, typically 15 minutes							8 Skilled Nursing	Yes	1480.00
9213-25)	Yes	\$112.00	\$77.75	\$6.66	\$70.95	A,B,C	4 Sterile Bandages	Yes	31.57
utomated urinalysis test (81003- W)	Yes	22.00	3.06	3.00	0.00	C,D	1 Walker, folding, wheeled, fixed height (E0143-NU) New equipment	Yes	56.21
Total for Claim #10-56071-423-780	5	\$134.00	\$80.81	\$9.66	\$70.95	E			\$2,307,78

### Organizing Medical Service Records

- Statements and relevant non-statement information is organized into "bundles" to identify dates of service, types of service, payments by Medicare and other insurances, and ultimately the out-of-pocket expenses paid by the respondent and/or their family.
- Prescription Medications are bundled with the Prescription Drug Statements (if covered by a Prescription Drug benefit).
- Items covered by Medicare and items NOT covered by Medicare like vision, hearing, and dental services are all recorded.

#### How to Organize Documents

- Match any pages/charge bundles that correspond to the same event.
  - Match based on DATE, then PROVIDER, COST, and TYPE OF SERVICE.
  - -Order prescription medicine statements by month.
  - -Original Medicare or Medicare Advantage?



### Recording of Medical Events and Other Medical Expenses

- Once all of the relevant information has been organized for each medical event, information is entered into the questionnaire.
- Medical Events, Services, and Supplies:
  - Provider, date of service, event type, total cost of the service, reimbursements by Medicare and other insurance policies, and any out of pocket costs
- All filled medications are recorded
  - Medication name: Brand name and/or generic
  - Dates and number of times filled, strength, dose, form
  - Interviewers use the information from the RX label/receipt when possible
  - OTC, free samples, vitamins are not recorded
  - Total costs for drugs and reimbursements by Medicare and other insurance policies, and any out of pocket costs

### Using the Collected Information

- The information collected from these respondent records are used to estimate the total cost burden and utilization of health care for the calendar year for the beneficiary.
- The collected cost and utilization data is matched back to any administrative data when available, such as the Medicare Fee-for-Service (FFS) claims for those beneficiaries who have traditional FFS Medicare.
- Using the respondent records allows us to have more information than is provided by the administrative data alone, and provides a look at the total cost burden for the services and the resulting out-of-pocket expenses, as well as the premiums being paid for other supplemental insurance policies.

## Thank you!





Visit our website at: <a href="https://www.cms.gov/mcbs">https://www.cms.gov/mcbs</a>