

Supplementary Table 1
Reasonable Charges Data Sources - V3.9

Charge Type	Paragraph	Subject	Data Source	Edition
INPT	(b)(3)	GAAFs	CMS Medicare Provider Analysis and Review (MedPAR) Record	FY 2010
INPT	(b)(3)	GAAFs	MarketScan Claims Database	CY 2009
INPT	(b)(3)	GAAFs	CMS Provider of Services Listing	4Q, 2010
INPT	(b)(3)	GAAFs	VA nationwide admits by DRG code	FY 2010
SNF	(c)(3)	GAAFs	CMS Medicare Provider Analysis and Review (MedPAR) Record - SNF File	FY 2008
SNF	(c)(3)	GAAFs	CMS Provider of Services Listing	4Q, 2008
PH	(d)(2)	per diem charge	Medicare SAF 5% Sample, outpatient facility component	CY 2009
PH	(d)(2)(ii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Opt	(e)(3)(i)	80th percentile charges, codes with APCs	Medicare APC payment amount - OPPS	CY 2012
Opt	(e)(3)(i)	80th percentile charges, codes with APCs	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	FAIR Health Outpatient Facility database	January, 2011
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	MarketScan Claims Database	CY 2009
Opt	(e)(3)(iii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Opt	(e)(4)	GAAFs	FAIR Health Outpatient Facility database	January, 2011
Opt	(e)(4)	GAAFs	Milliman, Inc., Health Cost Guidelines	CY 2011
Opt	(e)(4)	GAAFs	Medicare APC payment amount - OPPS - Medians File	CY 2012
Phys	(f)(2)(i)(A)	RVUs, codes with Medicare RVUs, work expense	Medicare Geographic Practice Cost Index, work expense	CY 2011
Phys	(f)(2)(i)(A)	RVUs, codes with Medicare RVUs, work expense	Medicare Physician Fee Schedule RVUs, work expense	CY 2011
Phys	(f)(2)(i)(B)	RVUs, codes with Medicare RVUs, practice expense	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Phys	(f)(2)(i)(B)	RVUs, codes with Medicare RVUs, practice expense	Medicare Physician Fee Schedule RVUs, practice expense	CY 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	Essential RBRVS	July, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	FAIR Health Medical Billed database	February, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	FAIR Health HCPCS database	June, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
Phys	(f)(2)(iii)	RVUs, unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
Phys	(f)(2)(iv)	RVU GAAFs, codes with no Medicare RVUs	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Phys	(f)(2)(iv)	RVU GAAFs, codes with no Medicare RVUs	Medicare Geographic Practice Cost Index, work expense	CY 2011
Phys	(f)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health Medical Billed database	February, 2011
Phys	(f)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health HCPCS database	June, 2011
Phys	(f)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Phys	(f)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Phys	(f)(4)	modifiers: charge adjustment factors	Medicare SAF 5% Sample, Part B component	CY 2009

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Anes	(g)(2)	RVUs	CMS anesthesia base units	CY 2011
Anes	(g)(2)	RVUs for unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
Anes	(g)(3)(i)	conversion factor, nationwide	CMS anesthesia base units	CY 2011
Anes	(g)(3)(i)	conversion factor, nationwide	FAIR Health Anesthesia database	August, 2011
Anes	(g)(3)(i)	conversion factor, nationwide	Medicare SAF 5% Sample, Part B component	CY 2009
Anes	(g)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Anes	(g)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Dent	(h)(2)	charges, 80th percentile, nationwide	Ingenix MDR database	January, 2010
Dent	(h)(2)	charges, 80th percentile, nationwide	Ingenix Prevailing Healthcare Charges System	January, 2010
Dent	(h)(2)	charges, 80th percentile, nationwide	National Dental Advisory Service nationwide pricing index	CY 2011
Dent	(h)(2)	charges, 80th percentile, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	Ingenix MDR database	January, 2010
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	Ingenix Prevailing Healthcare Charges System	January, 2010
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	National Dental Advisory Service nationwide pricing index	CY 2011
Dent	(h)(2)(iii)	trending forward	CPI-U, dental services component, seasonally adjusted	September, 2011
Dent	(h)(3)	GAAFs	Ingenix MDR database	January, 2010
Dent	(h)(3)	GAAFs	Milliman, Inc., Dental Health Cost Guidelines	CY 2011
Dent	(h)(3)	GAAFs	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	FAIR Health Medical Billed database	February, 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	FAIR Health HCPCS database	June, 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare Clinical Diagnostic Laboratory Fee Schedule	CY 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare conversion factor	CY 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare Physician Fee Schedule payment levels	CY 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	Essential RBRVS	July, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	FAIR Health Medical Billed database	February, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	FAIR Health HCPCS database	June, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
Lab	(i)(2)(iii)	RVUs, unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
Lab	(i)(2)(iv)	RVU GAAFS, codes with no Medicare-based RVUs	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Lab	(i)(2)(iv)	RVU GAAFS, codes with no Medicare-based RVUs	Medicare Geographic Practice Cost Index, work expense	CY 2011
Lab	(i)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health Medical Billed database	February, 2011
Lab	(i)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Lab	(i)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Obs	(j)(2)(i)	charges, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Obs	(j)(2)(ii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Amb	(k)(2)(i)	base charge, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Amb	(k)(2)(ii)	mileage charge, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Amb	(k)(2)(iii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011

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Charge Type	Paragraph	Subject	Data Source	Edition
DME	(l)(2)(i)	relative values	Essential RBRVS, practice expense RVUs	July, 2011
DME	(l)(2)(i)	relative values	Medicare DME Fee Schedule	July, 2011
DME	(l)(2)(i)	relative values	Medicare Parenteral and Enteral Nutrition Fee Schedule	CY 2011
DME	(l)(2)(ii)	charge amounts	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(2)(ii)	charge amounts	FAIR Health HCPCS database	June, 2011
DME	(l)(2)(ii)	charge amounts	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	FAIR Health HCPCS database	June, 2011
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(2)(iv)	trending forward	CPI-U, medical care commodities component, seasonally adjusted	September, 2011
DME	(l)(3)	charges for codes with no RVUs	FAIR Health HCPCS database	June, 2011
DME	(l)(3)	charges for codes with no RVUs	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(3)	charges for codes with no RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(3)(i)	trending forward	CPI-U, medical care commodities component, seasonally adjusted	September, 2011
DME	(l)(4)	charges for unlisted procedures	VA nationwide distribution of procedures, services, items, and supplies	FY 2010
DME	(l)(5)(ii)	charges, weighted average, area-specific	FAIR Health HCPCS database	June, 2011
DME	(l)(5)(ii)	charges, weighted average, area-specific	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(5)(ii)	charges, weighted average, area-specific	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(5)(iii)	charges, weighted average, nationwide	Milliman, Inc., Health Cost Guidelines	CY 2011
DME	(l)(5)(ii)	GAAFs	FAIR Health HCPCS database	June, 2011
DME	(l)(5)(ii)	GAAFs	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(5)(ii)	GAAFs	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(5)(ii)	GAAFs	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
DME	(b)(11)	charges for codes without data	Medicare DME Fee Schedule	July, 2011

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Charge Type	Paragraph	Subject	Data Source	Edition
Anes	(g)(2)	RVUs	CMS anesthesia base units	CY 2011
Anes	(g)(3)(i)	conversion factor, nationwide	CMS anesthesia base units	CY 2011
INPT	(b)(3)	GAAFs	CMS Medicare Provider Analysis and Review (MedPAR) Record	FY 2010
SNF	(c)(3)	GAAFs	CMS Medicare Provider Analysis and Review (MedPAR) Record - SNF File	FY 2008
INPT	(b)(3)	GAAFs	CMS Provider of Services Listing	4Q, 2010
SNF	(c)(3)	GAAFs	CMS Provider of Services Listing	4Q, 2008
Dent	(h)(2)(iii)	trending forward	CPI-U, dental services component, seasonally adjusted	September, 2011
DME	(l)(2)(iv)	trending forward	CPI-U, medical care commodities component, seasonally adjusted	September, 2011
DME	(l)(3)(i)	trending forward	CPI-U, medical care commodities component, seasonally adjusted	September, 2011
PH	(d)(2)(ii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Opt	(e)(3)(iii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Obs	(j)(2)(ii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Amb	(k)(2)(iii)	trending forward	CPI-U, outpatient hospital services component, seasonally adjusted	September, 2011
Phys	(f)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Anes	(g)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Lab	(i)(3)(ii)	trending forward	CPI-U, physicians' services component, seasonally adjusted	September, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	Essential RBRVS	July, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	Essential RBRVS	July, 2011
DME	(l)(2)(i)	relative values	Essential RBRVS, practice expense RVUs	July, 2011
Anes	(g)(3)(i)	conversion factor, nationwide	FAIR Health Anesthesia database	August, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	FAIR Health HCPCS database	June, 2011
Phys	(f)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health HCPCS database	June, 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	FAIR Health HCPCS database	June, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	FAIR Health HCPCS database	June, 2011
DME	(l)(2)(ii)	charge amounts	FAIR Health HCPCS database	June, 2011
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	FAIR Health HCPCS database	June, 2011
DME	(l)(3)	charges for codes with no RVUs	FAIR Health HCPCS database	June, 2011
DME	(l)(5)(ii)	charges, weighted average, area-specific	FAIR Health HCPCS database	June, 2011
DME	(l)(5)(ii)	GAAFs	FAIR Health HCPCS database	June, 2011
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	FAIR Health Medical Billed database	February, 2011
Phys	(f)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health Medical Billed database	February, 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	FAIR Health Medical Billed database	February, 2011
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	FAIR Health Medical Billed database	February, 2011
Lab	(i)(3)	conversion factors, 80th percentile, geographically adjusted	FAIR Health Medical Billed database	February, 2011

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Charge Type	Paragraph	Subject	Data Source	Edition
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	FAIR Health Outpatient Facility database	January, 2011
Opt	(e)(4)	GAAFs	FAIR Health Outpatient Facility database	January, 2011
Dent	(h)(2)	charges, 80th percentile, nationwide	Ingenix MDR database	January, 2010
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	Ingenix MDR database	January, 2010
Dent	(h)(3)	GAAFs	Ingenix MDR database	January, 2010
Dent	(h)(2)	charges, 80th percentile, nationwide	Ingenix Prevailing Healthcare Charges System	January, 2010
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	Ingenix Prevailing Healthcare Charges System	January, 2010
INPT	(b)(3)	GAAFs	MarketScan Claims Database	CY 2009
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	MarketScan Claims Database	CY 2009
Opt	(e)(3)(i)	80th percentile charges, codes with APCs	Medicare APC payment amount - OPSS	CY 2012
Opt	(e)(4)	GAAFs	Medicare APC payment amount - OPSS - Medians File	CY 2012
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare Clinical Diagnostic Laboratory Fee Schedule	CY 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare conversion factor	CY 2011
DME	(l)(2)(i)	relative values	Medicare DME Fee Schedule	July, 2011
DME	(b)(11)	charges for codes without data	Medicare DME Fee Schedule	July, 2011
Phys	(f)(2)(i)(B)	RVUs, codes with Medicare RVUs, practice expense	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Phys	(f)(2)(iv)	RVU GAAFs, codes with no Medicare RVUs	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Lab	(i)(2)(iv)	RVU GAAFS, codes with no Medicare-based RVUs	Medicare Geographic Practice Cost Index, practice expense	CY 2011
Phys	(f)(2)(i)(A)	RVUs, codes with Medicare RVUs, work expense	Medicare Geographic Practice Cost Index, work expense	CY 2011
Phys	(f)(2)(iv)	RVU GAAFs, codes with no Medicare RVUs	Medicare Geographic Practice Cost Index, work expense	CY 2011
Lab	(i)(2)(iv)	RVU GAAFS, codes with no Medicare-based RVUs	Medicare Geographic Practice Cost Index, work expense	CY 2011
DME	(l)(2)(i)	relative values	Medicare Parenteral and Enteral Nutrition Fee Schedule	CY 2011
Lab	(i)(2)(i)	RVUs, codes with Medicare-based RVUs	Medicare Physician Fee Schedule payment levels	CY 2011
Phys	(f)(2)(i)(B)	RVUs, codes with Medicare RVUs, practice expense	Medicare Physician Fee Schedule RVUs, practice expense	CY 2011
Phys	(f)(2)(i)(A)	RVUs, codes with Medicare RVUs, work expense	Medicare Physician Fee Schedule RVUs, work expense	CY 2011
DME	(l)(2)(ii)	charge amounts	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(3)	charges for codes with no RVUs	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(5)(ii)	charges, weighted average, area-specific	Medicare SAF 5% Sample, DME component	CY 2009
DME	(l)(5)(ii)	GAAFs	Medicare SAF 5% Sample, DME component	CY 2009

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Charge Type	Paragraph	Subject	Data Source	Edition
PH	(d)(2)	per diem charge	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Opt	(e)(3)(i)	80th percentile charges, codes with APCs	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Opt	(e)(3)(ii)	80th percentile charges, codes with no APC	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Obs	(j)(2)(i)	charges, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Amb	(k)(2)(i)	base charge, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Amb	(k)(2)(ii)	mileage charge, 80th percentile, nationwide	Medicare SAF 5% Sample, outpatient facility component	CY 2009
Phys	(f)(2)(ii)	RVUs, codes with no Medicare RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
Phys	(f)(4)	modifiers: charge adjustment factors	Medicare SAF 5% Sample, Part B component	CY 2009
Anes	(g)(3)(i)	conversion factor, nationwide	Medicare SAF 5% Sample, Part B component	CY 2009
Lab	(i)(2)(ii)	RVUs, codes with no Medicare-based RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(2)(ii)	charge amounts	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(2)(iii)	charge ratios, 80th percentile to median	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(3)	charges for codes with no RVUs	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(5)(ii)	charges, weighted average, area-specific	Medicare SAF 5% Sample, Part B component	CY 2009
DME	(l)(5)(ii)	GAAFs	Medicare SAF 5% Sample, Part B component	CY 2009
Dent	(h)(3)	GAAFs	Milliman, Inc., Dental Health Cost Guidelines	CY 2011
Opt	(e)(4)	GAAFs	Milliman, Inc., Health Cost Guidelines	CY 2011
DME	(l)(5)(iii)	charges, weighted average, nationwide	Milliman, Inc., Health Cost Guidelines	CY 2011
Phys	(f)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Anes	(g)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Dent	(h)(2)	charges, 80th percentile, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Dent	(h)(3)	GAAFs	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Lab	(i)(3)(i)	conversion factor, nationwide	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
DME	(l)(5)(ii)	GAAFs	Milliman, Inc., Health Cost Guidelines, Population Assumptions	CY 2011
Dent	(h)(2)	charges, 80th percentile, nationwide	National Dental Advisory Service nationwide pricing index	CY 2011
Dent	(h)(2)(ii)	charges, 80th percentile, nationwide, for unlisted procedures	National Dental Advisory Service nationwide pricing index	CY 2011
INPT	(b)(3)	GAAFs	VA nationwide admits by DRG code	FY 2010
Phys	(f)(2)(iii)	RVUs, unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
Anes	(g)(2)	RVUs for unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
Lab	(i)(2)(iii)	RVUs, unlisted procedures	VA nationwide distribution of procedures and services	FY 2010
DME	(l)(4)	charges for unlisted procedures	VA nationwide distribution of procedures, services, items, and supplies	FY 2010

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Charge			Data Source	Edition
Type	Paragraph	Subject		
Charge Type Abbreviations			Abbreviations	
Amb = Ambulance and Other Emergency Transportation Charges			APC = Ambulatory Payment Classification	
Anes = Professional Anesthesia Units			CMS = Centers for Medicare and Medicaid Services	
Dent = Outpatient Dental Professional Charges			CPI-U = Consumer Price Index - All Urban Consumers	
DME = Durable Medical Equipment, Supplies, Vision and Hearing Hardware Charges			DME = Durable Medical Equipment	
INPT = Acute Inpatient Facility Charges			DRG = Diagnosis Related Group	
Lab = Pathology and Laboratory Services Relative Value Units			GAAF = Geographic Area Adjustment Factors	
Obs = Observation Care Facility Charges			MDR = Medical Data Research	
Opt = Outpatient Facility Charges			MedPAR = Medicare Provider Analysis and Review	
PH = Partial Hospitalization Charges			OPPS = Outpatient Prospective Payment System	
Phys = Physician and Other Professional Services Relative Value Units			RBRVS = Resource-Based Relative Value Scale	
SNF = Skilled Nursing Facility / Sub-Acute Inpatient Facility Charges			RVU = Relative Value Unit	
			SAF = Standard Analytical File	
			VA = Department of Veterans Affairs	

Supplementary Table 2
Reasonable Charges Data Sources - V3.9 - Where to Obtain

<u>Database</u>	<u>Where To Obtain</u>
CMS anesthesia base units	CMS Internet site, http://www.cms.gov/
CMS Medicare Provider Analysis and Review (MedPAR) Record	CMS Internet site, http://www.cms.gov/
CMS Medicare Provider Analysis and Review (MedPAR) Record - SNF File	CMS Internet site, http://www.cms.gov/
CPI-U, various components, seasonally adjusted	Bureau of Labor Statistics Internet site, CPI section, http://www.bls.gov/cpi/
Essential RBRVS	Ingenix, Inc., 2525 Lake Park Blvd., Salt Lake City, UT 84120
Ingenix MDR database	Ingenix, Inc., 2525 Lake Park Blvd., Salt Lake City, UT 84120
Ingenix Prevailing Healthcare Charges System	Ingenix, Inc., 2525 Lake Park Blvd., Salt Lake City, UT 84120
FAIR Health databases	FAIR Health site, http://www.fairhealthus.org
Medicare APC payment amount	CMS Internet site, http://www.cms.gov/
Medicare Clinical Diagnostic Laboratory Fee Schedule	CMS Internet site, http://www.cms.gov/
Medicare conversion factor	42780 Federal Register / Vol. 76, No. 138 / Tuesday, July 19, 2011 / Proposed Rules
Medicare DME Fee Schedule	CMS Internet site, http://www.cms.gov/
Medicare Geographic Practice Cost Index, practice expense	CMS Internet site, http://www.cms.gov/
Medicare Geographic Practice Cost Index, work expense	CMS Internet site, http://www.cms.gov/
Medicare Parenteral and Enteral Nutrition Fee Schedule	(included as part of DME Fee Schedule download)
Medicare Physician Fee Schedule payment levels	CMS Internet site, http://www.cms.gov/
Medicare Physician Fee Schedule RVUs, practice expense	CMS Internet site, http://www.cms.gov/
Medicare Physician Fee Schedule RVUs, work expense	CMS Internet site, http://www.cms.gov/
Medicare SAF 5% Sample, DME component	CMS Internet site, http://www.cms.gov/
Medicare SAF 5% Sample, outpatient facility component	CMS Internet site, http://www.cms.gov/
Medicare SAF 5% Sample, Part B component	CMS Internet site, http://www.cms.gov/
MarketScan Claims Database	Thomson Reuters site, http://marketscan.thomsonreuters.com
Milliman, Inc., Dental Health Cost Guidelines	Milliman, Inc., 1301 5th Ave. Suite 3800, Seattle, WA 98101-2605
Milliman, Inc., Health Cost Guidelines	Milliman, Inc., 1301 5th Ave. Suite 3800, Seattle, WA 98101-2605
Milliman, Inc., Health Cost Guidelines, Population Assumptions	Milliman, Inc., 1301 5th Ave. Suite 3800, Seattle, WA 98101-2605
National Dental Advisory Service nationwide pricing index	Wasserman Medical Publishers, P.O. Box 510949 Milwaukee, WI 53203
CMS Provider of Services Listing	CMS Internet site, http://www.cms.gov/
VA nationwide admits by DRG code	Veterans Health Administration
VA nationwide distribution of procedures and services	Veterans Health Administration
<u>Abbreviations</u>	
APC = Ambulatory Payment Classification	
CMS = Centers for Medicare and Medicaid Services	
CPI-U = Consumer Price Index - All Urban Consumers	
DME = Durable Medical Equipment	
DRG = Diagnosis Related Group	
MDR = Medical Data Research	
MedPAR = Medicare Provider Analysis and Review	
RBRVS = Resource-Based Relative Value Scale	
RVU = Relative Value Unit	
SAF = Standard Analytical File	
SNF = Skilled Nursing Facility	
VA = Department of Veterans Affairs	