



June 3, 2011

Ms. Barb Langner
Medicaid Director
Kansas Health Policy Authority
Landon State Office Building
900 SW Jackson, Suite 900
Topeka, KS 66612

**Subject: State of Kansas HealthWave XIX Actuarial Certification for
July 1, 2011 – June 30, 2012 Capitation Rate Ranges**

Dear Ms. Langner:

In this letter, **Optumas** provides the certification of the actuarially sound capitation rate ranges for the State of Kansas' (State's) HealthWave XIX managed care program for the July 1, 2011 through June 30, 2012 (SFY12) contract period.

This letter is organized as follows:

- Background,
- Medical Base Data,
- Program Change Adjustments,
- Inclusion of Non-Medical Load,
- Relational Modeling,
- Regional Factors,
- Development of Rate Range,
- Risk Mitigation,
- Incentives, and
- Actuarial Certification.

Background

For this certification, **Optumas** follows guidance provided by the CMS in accordance with 42 CFR 438.6(c). CMS defines actuarially sound rates as meeting the following criteria:



1. They have been developed in accordance with generally accepted actuarial principles and practices,
2. They are appropriate for the populations to be covered and the services to be furnished under the contract, and
3. They have been certified by an actuary who meets the qualification standards established by the American Academy of Actuaries and follows practice standards established by the Actuarial Standards Board.

Optumas applied these criteria in our certification of the HealthWave XIX Managed Care Organization (MCO) capitation rate ranges for the SFY12 contract period.

Medical Base Data

Optumas utilized calendar year 2009 (CY09) financial data as the primary data source in the rate setting process. The financial data reflects actual medical expenses for the managed care organizations (MCOs) for each of the following rate cells.

Temporary Assistance to Families/Poverty Level Eligible (TAF/PLE) – includes:

- TAF & PLE < 1
- TAF & PLE 1-5
- TAF & PLE 6-14
- TAF & PLE 15-21 F
- TAF & PLE 15-21 M
- TAF 22-29 F
- TAF 22-34 M
- TAF 30-34 F
- TAF 35+

Maternity – includes:

- Pregnant Women < 30
- Pregnant Women 30+
- Delivery Payment

In addition to the financial data, encounter data from July 1, 2007 to December 31, 2010 was also used as a supplement to the financial data. Both of these data sources did not net out any pharmacy rebates received by the MCOs from manufacturers. It is assumed that the MCOs will not receive any rebates in SFY12¹, so the CY09 experience was not reduced for any rebates the MCOs received during this base time period.

¹ H.R. 3590, the "Patient Protection and Affordable Care Act" ("PPACA"), could eliminate all pharmacy rebates received by the MCOs.



Program Change Adjustments

The following adjustments were then made to the medical base data in the development of the capitation rate ranges. Estimates provided below correspond to a reference point in the **Optumas** rate range. As in prior rate development processes, we followed the State's policy of applying all fee-for-service (FFS) program changes directly to the managed care program while customizing for the HealthWave XIX populations and benefits.

Rate Change for Codes 90460 and 90461

Effective January 11, 2011, certain procedure codes for pediatric vaccines were changed from paying \$14.80 per shot to paying \$7.40 per antigen. The impact was calculated by converting the existing utilization on the vaccine administration codes in question from a per shot to a per antigen basis, then comparing the costs of administering the utilization under the new payment structure. The impact of the program change on the CY09 base data is -0.002%.

Palivizumab (Synagis®) Pricing Adjustment

Effective October 5, 2010, the fees for Synagis increased. The impact of this program change was estimated by comparing the cost of administering Synagis under the current and proposed fee schedule. The impact of the program change on the CY09 base data is 0.06%.

Diagnosis Restriction for Leuprolide Acetate (Lupron®, Eligard®)

Effective July 12, 2010, the administration of leuprolide acetate was limited to certain diagnosis codes. The impact of this change was estimated by assuming the previous utilization billed under the restricted diagnosis codes would not be paid in the contract period. The impact of the program change on the CY09 base data is -0.003%.

Non-coverage of Consultation Codes

Effective March 1, 2010, KHPA stopped paying for consultation codes in conjunction with the decision by CMS to do the same. The estimate of this change was calculated assuming the utilization would move to other appropriate codes for the office visits. The impact of the program change on the CY09 base data is -0.20%.

Professional Rate Leveling

When billed by certain provider specialties, the fees for certain procedure codes were changed effective December 18, 2009. The impact of this change during the contract period was estimated by re-pricing the utilization of these procedure codes at the effective and proposed rates to calculate the difference. The impact of the program change on the CY09 base data is -0.01%.



Kansas University Hospital Inpatient Rate Change 2010

Because KU is reimbursed according to a percentage of their billed charges, we analyzed the difference between the percentages in place in CY09 and the expected percentage assumed for the SFY12 contract period. During CY09 (depending on the date of service), KU was reimbursed using 35%, 42%, or 44% of billed charges. The assumption for SFY12 is that KU will be reimbursed at 48% of billed charges. The impact of the program change on the CY09 base data is 1.19%.

DRG Weights & Rates for 10/1/2009 (applies to Non-KU hospitals)

The DRG program change was used to calculate the impact during the contract period of the inpatient DRG schedule changes, including both the rate and outlier fees. The DRG program change was estimated by comparing the utilization at the old contracted DRG/Outlier schedules during the base period to the new schedule effective 10/1/10. The impact of the program change on the CY09 base data is 0.44%.

Graduate Medical Education Adjustment

Effective July 1, 2009, a state plan amendment was approved that modified the payment methodology for inpatient hospital services, specifically the portion of the payments made for Graduate Medical Education (GME). **Optumas** analyzed and incorporated the impact of changing the portion of the payments made for GME during CY09 to the anticipated levels in SFY12, using the level as of 10/1/10 as the proxy. The impact of the program change on the CY09 base data is 0.12%.

Trend

Trend is an estimate of the change in utilization rate (frequency of services) and unit cost (pure price change, technology, acuity/intensity, and mix of services) of services over time and is used to project the costs from the base period to the future contract period. When these are applied, in combination with other program changes noted above so as to not double count, they estimate the approximate claims costs a MCO could expect during the SFY12 contract period. **Optumas** applied trend by major category of service (COS) (e.g., inpatient, outpatient, etc.); refer to the table below for specific average annual PMPM COS trend rates.

Optumas analyzed historical trend rates and projections from many different sources, including HealthWave-specific financial and encounter data, national/local publications, commercial data, and data from other state programs. The assumed trends shown on the next page are average annual figures. They were applied for 30 months to trend the midpoint of the CY09 base to the midpoint of the SFY12 contract period.



COS	PMPM Average Annual Trend Rates
Inpatient Hospital	-5.9%
Outpatient Hospital	1.7%
Physician	-0.9%
Lab/Radiology	-0.2%
Transportation	-1.9%
Pharmacy	1.0%
Other	-1.4%
Overall	-2.3%

When developing the average annual trends listed above, trend assumptions were developed for three distinct time periods: CY09/10, CY10/11, and CY11/SFY12. Steep negative trends were observed in both the financial and encounter data from CY09 to CY10. We believe that the negative trends may reflect the healthier populations enrolling in HealthWave in CY10 due to the economic recession. As a reasonableness check against the observed financial and encounter data, we used Medicaid Rx² to determine any change in the acuity of the underlying risk of the population from CY09 to CY10. The results from Medicaid Rx showed a similar decrease in risk relative to the financial and encounter data, and we therefore reflected the data-driven impact within our CY09/10 trends. The trends assumed for CY10/11 and CY11/SFY12 were flat or positive, which reflect the conservative assumption that the impact of the recession will lessen from what was observed in CY10.

Inclusion of Non-Medical Load

The non-medical load measures the dollars associated with components such as administration, profit, risk, and contingencies and are expressed as a percentage of the capitation rate.

Optumas reviewed the MCOs' responsibilities under their managed care contracts and reviewed their past non-medical expenses as reported in their financial submissions. We also reviewed non-medical expenses in other states, on both a PMPM and percentage basis.

At the reference point in the rate range, we included a 7.9% non-medical load factor for the non-maternity rate cells and a 5.0% factor for the delivery payment. The overall loading percentage was approximately 7.4% across all rate cells. We also included a 2.0% load for profit on both the non-maternity rate cells and the delivery payment. The non-medical loading varied across the rate ranges, with a higher non-medical load assumed at the lower bound and a lower non-medical load assumed at the upper bound to account for the management necessary to result in corresponding medical costs.

² Medicaid Rx is a pharmacy based risk assessment model developed by the University of California, San Diego.



Additionally, the capitation rates were increased to reflect a privilege fee assessed on the MCOs of 1.0% of their capitation revenue.

Relational Modeling

Relational modeling adjustments were applied to the rate ranges to control for any data issues or anomalous results. These were applied in a budget neutral manner; individual rate cells may have been adjusted, but the total composite rate for the HealthWave program remained the same. These adjustments primarily impacted the more volatile rate cells with lower enrollment levels.

Regional Factors

The HealthWave capitation rate ranges were first developed by rate cell at the statewide level. **Optumas** conducted an analysis of the cost differential, normalized for demographic mix differences, in each of the four regions of the State.

The regional factors were developed using program-specific financial data for CY09. In addition, encounter data was reviewed for CY08–CY10.

Development of Rate Range

Optumas provided the State with actuarially sound rate ranges for negotiations with the MCOs. **Optumas** calculated the variability in rates within the rate range by modifying the assumptions used, including trend and non-medical load. The CY09 databook by region is shown in Appendix A. The development of the statewide rate ranges and member months used are shown in Appendix B. **Optumas** has provided a summary of the rate ranges for each of the four regions in Appendix C. All contracted rates are within the actuarially sound rate range. Appendix D provides a brief summary of the CMS ratesetting checklist with compliance to each section noted.

Risk Mitigation

Reinsurance

The MCOs purchase commercial reinsurance on the open market. We have assumed that a portion of reinsurance premium expense is part of our non-medical loading assumption noted above.

Risk Corridors

There are no risk corridors in the HealthWave XIX contract.



Incentives

There are no incentives included within the HealthWave XIX contract.

Actuarial Certification

I, Tim Doyle, Senior Actuary at **Optumas** and Member of the American Academy of Actuaries (MAAA) and a Fellow of the Society of Actuaries (FSA), am certifying the calculation of the rate ranges shown in Appendix B and Appendix C. I meet the qualification standards established by the American Academy of Actuaries and have followed the practice standards established from time to time by the Actuarial Standards Board.

The capitation rates provided with this certification are considered actuarially sound for purposes of the 42 CFR 438.6(c), according to the following criteria:

- The capitation rate ranges have been developed in accordance with generally accepted actuarial principles and practices;
- The capitation rate ranges are appropriate for the populations to be covered, and the services to be furnished under the contract; and
- The capitation rate ranges meet the requirements of 42 CFR 438.6(c).

The actuarially sound rate range that is associated with this certification is effective July 1, 2011 through June 30, 2012 for the HealthWave XIX program.

The actuarially sound capitation rate range is based on a projection of future events. Actual experience will vary from the experience assumed in the rate range. The capitation rate range developed may not be appropriate for any specific MCO. An individual MCO should review the rates in relation to the benefits that it is obligated to provide to the covered population. The MCO should evaluate the rates in the context of its own experience, expenses, capital, surplus, and profit requirements prior to agreeing to contract with the State. The MCO may require rates above, within, or below the actuarially sound rate range associated with this certification.

Please feel free to contact me at 480.588.2494 for any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Tim Doyle", with a stylized flourish at the end.

Tim Doyle, FSA, MAAA
Senior Actuary



Appendix A – CY09 HealthWave Data Book

MCO: Combined
Report: Enrollment/Deliveries
Region: Johnson, Leavenworth, Wyandotte Counties
Time Period: January 1, 2009 - December 31, 2009

Member Months	HW19											HW21				
Month of Enrollment	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Jan '09	2,926	10,389	9,081	1,690	1,132	1,374	270	552	1,055	688	116	96	2,119	4,858	700	662
Feb '09	2,909	10,426	9,127	1,700	1,138	1,382	285	552	1,067	683	131	94	2,081	4,823	694	651
Mar '09	2,909	10,339	9,091	1,696	1,122	1,381	281	552	1,035	685	126	92	2,074	4,883	707	650
Apr '09	2,944	10,417	9,132	1,686	1,133	1,362	290	539	1,058	715	140	87	2,054	4,872	685	657
May '09	3,020	10,508	9,218	1,711	1,170	1,399	300	557	1,057	704	158	70	2,016	4,901	679	659
Jun '09	2,918	10,667	9,370	1,772	1,198	1,410	309	560	1,056	718	151	69	1,954	4,830	674	657
Jul '09	2,893	10,598	9,283	1,718	1,197	1,375	302	550	1,034	738	162	60	1,887	4,792	667	651
Aug '09	2,883	10,558	9,143	1,669	1,176	1,351	302	555	1,042	723	159	55	1,868	4,819	681	655
Sept '09	2,852	10,630	9,275	1,661	1,164	1,355	298	559	1,055	760	164	55	1,862	4,907	677	686
Oct '09	2,851	10,685	9,363	1,711	1,191	1,321	300	576	1,039	764	155	57	1,839	4,964	697	694
Nov '09	2,949	11,283	9,961	1,805	1,248	1,378	318	621	1,111	755	172	53	1,801	4,967	704	694
Dec '09	2,969	11,426	10,271	1,850	1,280	1,381	339	616	1,118	746	193	53	1,793	4,907	713	686
Total	35,024	127,926	112,313	20,668	14,149	16,468	3,594	6,789	12,725	8,677	1,827	842	23,347	58,522	8,277	8,001

Deliveries	HW19											Total
Month of Delivery	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	Total
Jan '09	-	-	1	18	-	14	-	7	-	53	7	153
Feb '09	-	-	-	24	-	21	-	3	-	59	12	164
Mar '09	-	-	-	29	-	33	-	2	3	33	13	185
Apr '09	-	-	-	21	-	27	-	4	-	57	10	172
May '09	-	-	-	23	-	32	-	3	1	54	12	191
Jun '09	-	-	-	20	-	21	-	2	3	43	15	144
Jul '09	-	-	-	19	-	33	-	6	3	54	11	176
Aug '09	-	-	-	21	-	26	-	4	4	72	9	202
Sept '09	-	-	-	20	-	28	-	2	3	64	11	181
Oct '09	-	-	-	20	-	22	-	5	3	61	14	197
Nov '09	-	-	-	26	-	20	-	6	1	57	15	187
Dec '09	-	-	-	16	-	20	-	1	5	57	8	170
Total	-	-	1	257	-	297	-	45	26	664	137	2,122



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Enrollment/Deliveries
Region: Northeast & Western Counties
Time Period: January 1, 2009 - December 31, 2009

Member Months	HW19											HW21				
Month of Enrollment	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Jan '09	4,203	12,687	11,624	2,249	1,610	1,595	427	599	1,215	1,095	168	154	3,485	8,663	1,247	1,317
Feb '09	4,241	12,724	11,678	2,290	1,618	1,598	446	616	1,268	1,075	168	158	3,473	8,706	1,244	1,323
Mar '09	4,162	12,829	11,533	2,266	1,625	1,653	467	628	1,291	1,100	167	159	3,528	8,757	1,252	1,299
Apr '09	4,143	12,795	11,638	2,289	1,618	1,664	464	645	1,302	1,164	176	158	3,541	8,759	1,218	1,297
May '09	4,163	13,043	11,719	2,322	1,660	1,677	446	628	1,355	1,189	183	148	3,518	8,656	1,229	1,285
Jun '09	4,131	13,147	11,821	2,347	1,655	1,659	435	617	1,340	1,200	194	142	3,478	8,600	1,221	1,271
Jul '09	4,074	13,057	11,645	2,357	1,649	1,605	422	630	1,299	1,270	205	147	3,416	8,504	1,217	1,268
Aug '09	4,034	13,019	11,533	2,345	1,620	1,614	405	622	1,309	1,291	212	147	3,369	8,497	1,213	1,281
Sept '09	4,089	13,046	11,568	2,358	1,644	1,611	410	619	1,304	1,280	220	143	3,388	8,580	1,231	1,326
Oct '09	4,088	13,201	11,695	2,361	1,649	1,596	414	607	1,297	1,233	210	143	3,387	8,625	1,248	1,308
Nov '09	4,151	13,974	12,486	2,432	1,738	1,677	467	612	1,334	1,236	206	134	3,418	8,660	1,282	1,307
Dec '09	4,125	14,196	12,705	2,494	1,776	1,690	500	626	1,298	1,207	193	127	3,356	8,657	1,292	1,322
Total	49,604	157,717	141,645	28,111	19,862	19,639	5,302	7,449	15,611	14,339	2,301	1,760	41,358	103,665	14,892	15,604

Deliveries	HW19											
Month of Delivery	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	Total
Jan '09	-	-	-	21	-	31	-	5	2	72	12	251
Feb '09	-	-	-	23	-	26	-	2	2	64	9	225
Mar '09	-	-	-	25	-	29	-	11	3	65	9	238
Apr '09	-	-	-	30	-	29	-	3	1	57	14	223
May '09	-	-	-	28	-	36	-	1	2	80	13	253
Jun '09	-	-	-	27	-	26	-	3	1	92	8	266
Jul '09	-	-	-	37	-	31	-	6	2	81	13	278
Aug '09	-	-	-	30	-	35	-	1	3	93	17	281
Sept '09	-	-	-	33	-	27	-	6	2	93	21	328
Oct '09	-	-	-	24	-	27	-	6	-	90	13	262
Nov '09	-	-	-	27	-	36	-	4	1	85	16	290
Dec '09	-	-	-	24	-	25	-	5	1	80	18	271
Total	-	-	-	329	-	358	-	53	20	952	163	3,166



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Enrollment/Deliveries
Region: Southeast Kansas
Time Period: January 1, 2009 - December 31, 2009

Member Months	HW19											HW21				
Month of Enrollment	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Jan '09	2,800	9,005	8,975	1,955	1,461	1,159	356	423	1,051	811	121	78	1,932	5,469	928	894
Feb '09	2,786	9,155	8,972	1,927	1,460	1,175	353	426	1,049	815	111	82	1,915	5,462	923	904
Mar '09	2,762	9,124	8,968	1,892	1,428	1,198	371	441	1,038	832	111	82	1,907	5,545	915	906
Apr '09	2,772	9,075	9,018	1,941	1,458	1,236	387	441	1,032	869	109	79	1,910	5,547	903	916
May '09	2,815	9,152	9,123	1,942	1,452	1,259	402	441	1,023	902	115	73	1,876	5,527	906	942
Jun '09	2,734	9,221	9,192	1,933	1,472	1,257	415	450	993	926	112	63	1,846	5,507	916	930
Jul '09	2,697	9,184	9,126	1,936	1,465	1,254	431	457	1,012	958	109	54	1,818	5,494	926	922
Aug '09	2,657	9,101	8,893	1,908	1,412	1,250	414	453	1,024	964	110	50	1,793	5,465	925	928
Sept '09	2,644	9,142	9,012	1,920	1,396	1,253	440	451	1,037	949	117	44	1,794	5,472	955	947
Oct '09	2,658	9,192	9,193	1,920	1,432	1,257	445	478	1,047	926	120	45	1,812	5,503	967	953
Nov '09	2,738	9,636	9,768	1,996	1,469	1,307	469	480	1,059	933	125	50	1,751	5,533	978	968
Dec '09	2,727	9,786	9,956	2,044	1,484	1,326	484	483	1,071	926	121	59	1,725	5,537	981	958
Total	32,791	110,771	110,196	23,313	17,388	14,929	4,967	5,424	12,434	10,809	1,381	759	22,080	66,059	11,224	11,167

Deliveries	HW19											Total
Month of Delivery	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	Total
Jan '09	-	-	-	25	-	26	-	2	1	47	8	151
Feb '09	-	-	-	23	-	26	-	-	1	60	11	172
Mar '09	-	-	-	27	-	24	-	-	1	66	10	176
Apr '09	-	-	1	30	-	21	-	1	2	66	18	192
May '09	-	-	-	24	-	22	-	2	1	68	9	183
Jun '09	-	-	1	30	-	18	-	2	2	78	6	207
Jul '09	-	-	-	22	-	22	-	6	2	75	8	202
Aug '09	-	-	-	24	-	20	-	6	3	84	8	193
Sept '09	-	-	-	33	-	30	-	7	2	95	8	234
Oct '09	-	-	1	23	-	26	-	2	3	74	10	210
Nov '09	-	-	-	20	-	25	-	2	1	87	11	214
Dec '09	-	-	-	26	-	19	-	3	1	80	13	199
Total	-	-	3	307	-	279	-	33	20	880	120	2,333



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Enrollment/Deliveries
Region: Sedgwick County
Time Period: January 1, 2009 - December 31, 2009

Member Months	HW19											HW21				
Month of Enrollment	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Jan '09	3,145	10,373	9,420	1,724	1,178	1,300	244	474	956	773	120	53	1,732	4,402	618	647
Feb '09	3,222	10,429	9,509	1,754	1,182	1,300	253	492	962	798	118	46	1,731	4,412	627	642
Mar '09	3,253	10,313	9,408	1,776	1,197	1,273	245	503	922	793	125	45	1,747	4,463	626	647
Apr '09	3,320	10,494	9,528	1,781	1,186	1,274	256	490	923	832	133	38	1,749	4,533	626	651
May '09	3,314	10,756	9,574	1,794	1,226	1,280	281	491	932	837	138	42	1,738	4,513	618	656
Jun '09	3,237	10,813	9,747	1,795	1,258	1,260	293	490	946	849	144	44	1,736	4,588	629	662
Jul '09	3,220	10,792	9,724	1,798	1,242	1,261	292	480	943	893	166	42	1,720	4,631	628	664
Aug '09	3,104	10,746	9,561	1,778	1,212	1,273	298	483	928	937	178	45	1,735	4,699	648	686
Sept '09	3,165	10,908	9,888	1,837	1,246	1,307	309	491	944	948	179	49	1,740	4,821	661	698
Oct '09	3,174	11,019	10,064	1,884	1,272	1,303	316	496	930	944	174	41	1,707	4,904	646	702
Nov '09	3,296	11,625	10,633	2,002	1,322	1,366	313	501	957	925	187	44	1,683	4,925	679	728
Dec '09	3,252	11,829	10,878	2,027	1,355	1,342	309	510	957	926	194	42	1,693	4,944	695	742
Total	38,700	130,097	117,933	21,950	14,876	15,538	3,409	5,902	11,299	10,454	1,855	532	20,712	55,836	7,701	8,126

Deliveries	HW19											
Month of Delivery	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	Total
Jan '09	-	-	-	22	-	31	-	6	2	61	12	200
Feb '09	-	-	-	22	-	21	-	2	1	62	6	190
Mar '09	-	-	-	18	-	26	-	4	1	75	11	196
Apr '09	-	-	-	21	-	11	-	1	2	52	11	157
May '09	-	-	-	32	-	17	-	4	1	68	11	195
Jun '09	-	-	-	30	-	31	-	6	7	59	13	209
Jul '09	-	-	1	24	-	29	-	4	2	56	13	199
Aug '09	-	-	1	36	-	22	-	4	1	84	13	238
Sept '09	-	-	1	27	-	26	-	7	1	54	12	203
Oct '09	-	-	1	30	-	29	-	7	1	84	12	223
Nov '09	-	-	-	24	-	20	-	3	1	85	13	227
Dec '09	-	-	-	14	-	25	-	4	4	75	20	229
Total	-	-	4	300	-	288	-	52	24	815	147	2,466



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Medical Costs
Region: Johnson, Leavenworth, Wyandotte Counties
Incurral Time Period: January 1, 2009 - December 31, 2009
Paid Through: 12/31/2010

Category of Service	HW19											HW21				
	TAF & PLE <1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15- 21 F	TAF & PLE 15- 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom <30	Preg Wom 30+	<1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	\$ 10,731,018	\$ 4,213,225	\$ 1,155,265	\$ 2,469,090	\$ 308,272	\$ 3,482,806	\$ 272,551	\$ 943,367	\$ 2,675,228	\$ 4,929,623	\$ 1,351,176	\$ 223,503	\$ 248,507	\$ 412,856	\$ 246,175	\$ 274,980
Outpatient Hospital - All Other	\$ 179,088	\$ 1,607,775	\$ 931,643	\$ 579,417	\$ 208,563	\$ 794,838	\$ 127,845	\$ 534,157	\$ 1,156,338	\$ 372,335	\$ 118,029	\$ 11,994	\$ 260,694	\$ 407,969	\$ 154,449	\$ 119,795
Outpatient Hospital - Lab & X-Ray	\$ 94,405	\$ 263,479	\$ 238,654	\$ 168,023	\$ 54,683	\$ 244,623	\$ 34,865	\$ 121,524	\$ 330,123	\$ 127,294	\$ 30,245	\$ 4,228	\$ 49,658	\$ 132,923	\$ 68,303	\$ 28,164
Physician	\$ 2,936,111	\$ 3,921,248	\$ 1,947,716	\$ 1,079,332	\$ 249,599	\$ 1,425,285	\$ 121,822	\$ 512,244	\$ 962,527	\$ 1,793,685	\$ 405,580	\$ 62,864	\$ 640,855	\$ 1,031,432	\$ 255,539	\$ 179,704
Physician - FQHC	\$ 2,831	\$ 11,608	\$ 7,837	\$ 3,774	\$ 566	\$ 4,191	\$ 421	\$ 942	\$ 4,673	\$ 2,366	\$ 347	\$ -	\$ 1,276	\$ 2,385	\$ 1,430	\$ 546
Physician - RHC	\$ 5,072	\$ 66,392	\$ 33,305	\$ 10,861	\$ 6,116	\$ 11,772	\$ 2,374	\$ 9,138	\$ 17,357	\$ 8,153	\$ 1,597	\$ 2,144	\$ 14,696	\$ 26,524	\$ 4,805	\$ 4,573
Prescription Drugs	\$ 215,729	\$ 1,551,096	\$ 2,432,239	\$ 671,018	\$ 556,629	\$ 916,437	\$ 126,930	\$ 577,935	\$ 1,911,678	\$ 230,265	\$ 130,239	\$ 8,081	\$ 320,400	\$ 1,289,168	\$ 281,079	\$ 211,745
Ambulance	\$ 29,321	\$ 45,378	\$ 21,113	\$ 19,116	\$ 9,088	\$ 26,966	\$ 4,984	\$ 12,662	\$ 18,177	\$ 10,883	\$ 2,840	\$ 185	\$ 6,510	\$ 7,756	\$ 3,637	\$ 2,366
Non-Emergent Medical Transportation	\$ 34,047	\$ 115,766	\$ 109,270	\$ 48,005	\$ 14,925	\$ 17,716	\$ 2,147	\$ 11,831	\$ 26,988	\$ 4,751	\$ 1,012	\$ 6,644	\$ 31,292	\$ 53,859	\$ 14,106	\$ 8,072
Lab & X-Ray	\$ 57,086	\$ 184,749	\$ 167,290	\$ 290,847	\$ 37,632	\$ 447,315	\$ 24,635	\$ 152,324	\$ 248,441	\$ 394,106	\$ 102,805	\$ 2,181	\$ 34,269	\$ 88,210	\$ 66,487	\$ 25,615
Other Professional	\$ 17,158	\$ 141,087	\$ 76,319	\$ 33,711	\$ 18,369	\$ 34,275	\$ 1,819	\$ 13,747	\$ 62,564	\$ 9,303	\$ 9,340	\$ 1,381	\$ 13,041	\$ 101,128	\$ 8,406	\$ 9,096
Vision Care	\$ 42,046	\$ 172,517	\$ 351,231	\$ 68,813	\$ 38,321	\$ 46,911	\$ 10,105	\$ 18,470	\$ 45,227	\$ 26,036	\$ 6,210	\$ 1,898	\$ 48,418	\$ 219,668	\$ 35,079	\$ 27,390
Home Care and Hospice Service	\$ 37,138	\$ 25,060	\$ 12,460	\$ 1,871	\$ 7,880	\$ 5,934	\$ 2,483	\$ 3,439	\$ 17,900	\$ 8,965	\$ 553	\$ 3,337	\$ 4,729	\$ 4,277	\$ 167	\$ 292
Medical Supplies/DME	\$ 88,697	\$ 153,355	\$ 110,573	\$ 15,710	\$ 38,676	\$ 15,463	\$ 77,811	\$ 14,564	\$ 62,902	\$ 21,646	\$ 10,577	\$ 2,987	\$ 32,627	\$ 68,657	\$ 15,694	\$ 23,979
Other	\$ 341,198	\$ 897,587	\$ 606,918	\$ 420,129	\$ 122,428	\$ 623,117	\$ 82,027	\$ 250,346	\$ 402,838	\$ 138,685	\$ 31,970	\$ 9,385	\$ 97,903	\$ 200,877	\$ 97,326	\$ 54,861
Total	\$ 14,810,945	\$ 13,370,323	\$ 8,201,833	\$ 5,879,717	\$ 1,671,746	\$ 8,097,651	\$ 892,820	\$ 3,176,690	\$ 7,942,961	\$ 8,078,095	\$ 2,202,520	\$ 340,814	\$ 1,804,875	\$ 4,047,688	\$ 1,252,681	\$ 971,181



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Medical Costs
Region: Northeast & Western Counties
Incurral Time Period: January 1, 2009 - December 31, 2009
Paid Through: 12/31/2010

	HW19											HW21				
	TAF & PLE <1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15- 21 F	TAF & PLE 15- 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	\$ 10,196,114	\$ 6,162,688	\$ 1,084,745	\$2,619,552	\$ 502,104	\$3,572,955	\$ 174,502	\$1,165,499	\$2,473,973	\$ 7,949,143	\$1,273,319	\$ 128,604	\$ 406,860	\$ 966,272	\$ 400,506	\$ 406,570
Outpatient Hospital - All Other	\$ 257,378	\$ 1,717,870	\$ 950,625	\$ 566,541	\$ 272,229	\$ 760,714	\$ 162,460	\$ 335,199	\$ 908,456	\$ 576,081	\$ 114,657	\$ 20,336	\$ 401,838	\$ 674,914	\$ 252,913	\$ 201,170
Outpatient Hospital - Lab & X-Ray	\$ 96,355	\$ 198,528	\$ 240,505	\$ 210,458	\$ 58,878	\$ 229,516	\$ 62,035	\$ 108,105	\$ 255,022	\$ 188,156	\$ 36,267	\$ 1,574	\$ 53,017	\$ 154,458	\$ 73,893	\$ 44,800
Physician	\$ 3,068,309	\$ 4,471,712	\$ 2,241,379	\$1,349,001	\$ 375,070	\$1,497,148	\$ 134,571	\$ 488,310	\$1,144,010	\$ 2,565,241	\$ 451,653	\$ 68,843	\$ 835,718	\$1,413,176	\$ 356,588	\$ 257,841
Physician - FQHC	\$ 16,592	\$ 106,781	\$ 42,140	\$ 22,283	\$ 7,452	\$ 22,328	\$ 2,191	\$ 10,218	\$ 24,200	\$ 20,093	\$ 3,733	\$ 1,727	\$ 12,630	\$ 19,192	\$ 6,080	\$ 2,747
Physician - RHC	\$ 324,864	\$ 908,690	\$ 403,338	\$ 168,691	\$ 71,970	\$ 127,510	\$ 18,774	\$ 51,042	\$ 104,473	\$ 131,033	\$ 19,918	\$ 29,260	\$ 280,083	\$ 477,784	\$ 107,618	\$ 83,429
Prescription Drugs	\$ 417,697	\$ 2,537,609	\$ 4,659,628	\$1,051,526	\$ 773,977	\$1,145,315	\$ 237,100	\$ 839,940	\$2,818,141	\$ 347,314	\$ 140,659	\$ 26,083	\$ 703,249	\$2,991,809	\$ 519,701	\$ 565,963
Ambulance	\$ 79,134	\$ 82,442	\$ 31,835	\$ 20,510	\$ 13,902	\$ 29,688	\$ 2,624	\$ 13,830	\$ 23,005	\$ 11,988	\$ 3,001	\$ 8,204	\$ 2,709	\$ 12,273	\$ 9,505	\$ 7,817
Non-Emergent Medical Transportation	\$ 61,818	\$ 135,248	\$ 167,881	\$ 49,945	\$ 20,577	\$ 17,112	\$ 3,357	\$ 5,433	\$ 22,089	\$ 7,055	\$ 1,148	\$ 18,029	\$ 40,983	\$ 87,795	\$ 17,709	\$ 11,801
Lab & X-Ray	\$ 69,741	\$ 195,355	\$ 189,202	\$ 298,000	\$ 51,124	\$ 361,024	\$ 28,414	\$ 127,399	\$ 239,666	\$ 442,248	\$ 75,206	\$ 1,445	\$ 46,506	\$ 138,905	\$ 83,384	\$ 42,854
Other Professional	\$ 59,372	\$ 368,258	\$ 80,346	\$ 49,075	\$ 12,867	\$ 49,016	\$ 3,746	\$ 20,102	\$ 39,056	\$ 58,219	\$ 10,352	\$ 19,901	\$ 62,012	\$ 145,379	\$ 28,496	\$ 32,714
Vision Care	\$ 69,095	\$ 272,710	\$ 482,421	\$ 102,197	\$ 60,164	\$ 56,596	\$ 14,387	\$ 20,905	\$ 46,877	\$ 50,292	\$ 7,776	\$ 5,095	\$ 117,954	\$ 445,427	\$ 68,805	\$ 60,932
Home Care and Hospice Service	\$ 24,687	\$ 8,837	\$ 18,595	\$ 8,722	\$ 8,183	\$ 3,198	\$ 1,197	\$ 115	\$ 2,483	\$ 1,394	\$ 448	\$ 6,222	\$ 746	\$ 10,227	\$ 1,923	\$ 1,681
Medical Supplies/DME	\$ 152,062	\$ 251,653	\$ 162,837	\$ 26,933	\$ 58,848	\$ 28,496	\$ 23,279	\$ 10,224	\$ 50,520	\$ 34,298	\$ 6,941	\$ 14,750	\$ 45,296	\$ 105,838	\$ 17,198	\$ 36,498
Other	\$ 282,082	\$ 685,122	\$ 514,758	\$ 280,072	\$ 106,209	\$ 394,560	\$ 62,046	\$ 137,394	\$ 251,055	\$ 137,430	\$ 19,927	\$ 3,516	\$ 99,664	\$ 203,128	\$ 69,806	\$ 54,775
Total	\$ 15,175,300	\$18,103,503	\$11,270,235	\$6,823,506	\$2,393,552	\$8,295,175	\$ 930,684	\$3,333,714	\$8,403,025	\$12,519,983	\$2,165,004	\$ 353,589	\$3,109,264	\$7,846,578	\$2,014,124	\$1,811,591



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Medical Costs
Region: Southeast Kansas
Incurral Time Period: January 1, 2009 - December 31, 2009
Paid Through: 12/31/2010

Category of Service	HW19											HW21				
	TAF & PLE <1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Mom < 30	Preg Mom 30+	<1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	\$ 7,425,939	\$ 3,543,601	\$1,083,133	\$1,944,260	\$ 285,802	\$2,715,994	\$ 78,722	\$ 662,560	\$1,847,528	\$ 6,078,024	\$ 930,712	\$ 241,919	\$ 261,186	\$ 890,381	\$ 426,073	\$ 175,840
Outpatient Hospital - All Other	\$ 162,651	\$ 1,134,755	\$ 687,043	\$ 447,654	\$ 163,168	\$ 579,940	\$ 127,914	\$ 247,500	\$ 725,117	\$ 473,963	\$ 65,718	\$ 8,132	\$ 192,686	\$ 357,294	\$ 138,471	\$ 105,061
Outpatient Hospital - Lab & X-Ray	\$ 82,221	\$ 182,002	\$ 195,066	\$ 225,154	\$ 95,066	\$ 233,026	\$ 44,171	\$ 107,834	\$ 208,538	\$ 208,071	\$ 34,087	\$ 1,578	\$ 32,930	\$ 127,494	\$ 68,177	\$ 39,378
Physician	\$ 2,510,736	\$ 2,784,498	\$1,700,249	\$1,106,527	\$ 320,729	\$1,207,318	\$ 131,309	\$ 380,875	\$ 829,714	\$ 2,190,974	\$ 300,155	\$ 38,510	\$ 513,271	\$1,044,921	\$ 306,180	\$ 217,283
Physician - FQHC	\$ 71,240	\$ 165,920	\$ 96,015	\$ 33,337	\$ 11,980	\$ 25,389	\$ 2,813	\$ 9,561	\$ 18,181	\$ 10,549	\$ 1,823	\$ 1,470	\$ 23,104	\$ 44,311	\$ 13,594	\$ 4,292
Physician - RHC	\$ 358,194	\$ 867,677	\$ 538,696	\$ 258,040	\$ 96,406	\$ 213,995	\$ 39,626	\$ 76,070	\$ 195,242	\$ 163,048	\$ 20,758	\$ 12,892	\$ 194,270	\$ 387,254	\$ 103,070	\$ 66,867
Prescription Drugs	\$ 246,156	\$ 1,823,159	\$4,188,792	\$ 956,813	\$ 756,738	\$1,052,118	\$ 271,179	\$ 706,297	\$2,383,581	\$ 317,345	\$ 97,141	\$ 10,997	\$ 345,542	\$2,127,908	\$ 404,158	\$ 388,949
Ambulance	\$ 95,116	\$ 48,929	\$ 24,308	\$ 23,401	\$ 14,578	\$ 19,398	\$ 3,898	\$ 8,359	\$ 13,384	\$ 24,860	\$ 5,915	\$ 330	\$ 8,786	\$ 14,633	\$ 4,980	\$ 4,965
Non-Emergent Medical Transportation	\$ 24,408	\$ 80,455	\$ 82,703	\$ 15,956	\$ 13,152	\$ 9,828	\$ 2,904	\$ 3,186	\$ 10,807	\$ 6,237	\$ 829	\$ 2,848	\$ 18,530	\$ 47,013	\$ 7,574	\$ 7,454
Lab & X-Ray	\$ 76,648	\$ 185,159	\$ 207,562	\$ 285,871	\$ 60,445	\$ 315,671	\$ 31,621	\$ 106,076	\$ 188,387	\$ 381,822	\$ 64,299	\$ 1,116	\$ 37,142	\$ 141,708	\$ 90,889	\$ 42,873
Other Professional	\$ 29,872	\$ 189,241	\$ 96,957	\$ 24,394	\$ 44,546	\$ 29,560	\$ 2,614	\$ 15,386	\$ 39,400	\$ 17,879	\$ 3,333	\$ 2,484	\$ 21,665	\$ 90,226	\$ 16,654	\$ 28,026
Vision Care	\$ 32,074	\$ 196,815	\$ 452,123	\$ 100,782	\$ 57,445	\$ 43,633	\$ 12,498	\$ 15,273	\$ 39,207	\$ 40,480	\$ 4,469	\$ 1,264	\$ 49,905	\$ 300,017	\$ 57,038	\$ 44,473
Home Care and Hospice Service	\$ 22,292	\$ 16,379	\$ 14,855	\$ 2,296	\$ 387	\$ 1,466	\$ 66	\$ -	\$ 6,019	\$ 4,396	\$ 474	\$ 225	\$ 6,235	\$ 37,428	\$ 349	\$ 412
Medical Supplies/DME	\$ 127,801	\$ 162,734	\$ 128,571	\$ 21,758	\$ 17,670	\$ 37,851	\$ 3,558	\$ 17,841	\$ 64,389	\$ 15,719	\$ 4,041	\$ 2,631	\$ 21,835	\$ 75,543	\$ 6,712	\$ 22,554
Other	\$ 201,030	\$ 470,324	\$ 369,543	\$ 248,015	\$ 107,299	\$ 267,590	\$ 72,834	\$ 101,816	\$ 149,286	\$ 139,426	\$ 12,749	\$ 1,013	\$ 77,820	\$ 163,372	\$ 70,397	\$ 40,408
Total	\$ 11,466,378	\$ 11,851,647	\$9,865,616	\$5,694,260	\$2,045,411	\$6,752,780	\$ 825,726	\$2,458,633	\$6,718,778	\$10,072,793	\$1,546,503	\$ 327,410	\$1,804,908	\$5,849,502	\$1,714,316	\$1,188,832



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Medical Costs
Region: Sedgwick County
Incurral Time Period: January 1, 2009 - December 31, 2009
Paid Through: 12/31/2010

Category of Service	HW19											HW21				
	TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	\$ 10,817,917	\$ 4,502,101	\$ 1,036,594	\$ 2,347,431	\$ 278,942	\$ 3,066,736	\$ 65,082	\$ 846,070	\$ 1,493,449	\$ 5,976,245	\$ 1,305,275	\$ 80,971	\$ 376,754	\$ 407,428	\$ 373,632	\$ 154,946
Outpatient Hospital - All Other	\$ 93,880	\$ 871,044	\$ 366,265	\$ 293,263	\$ 121,152	\$ 467,077	\$ 58,726	\$ 172,760	\$ 481,249	\$ 254,183	\$ 91,479	\$ 2,911	\$ 105,970	\$ 174,207	\$ 85,393	\$ 55,547
Outpatient Hospital - Lab & X-Ray	\$ 47,460	\$ 82,608	\$ 64,976	\$ 80,836	\$ 14,853	\$ 90,259	\$ 20,529	\$ 37,478	\$ 81,568	\$ 108,716	\$ 22,820	\$ 85	\$ 12,994	\$ 26,577	\$ 15,146	\$ 5,300
Physician	\$ 3,198,517	\$ 4,048,532	\$ 2,193,368	\$ 1,151,453	\$ 304,846	\$ 1,406,723	\$ 109,049	\$ 443,258	\$ 1,112,810	\$ 2,151,458	\$ 433,369	\$ 29,704	\$ 588,691	\$ 1,034,968	\$ 242,008	\$ 167,195
Physician - FQHC	\$ 35,195	\$ 169,082	\$ 111,400	\$ 25,947	\$ 11,427	\$ 23,432	\$ 4,208	\$ 14,246	\$ 32,618	\$ 7,803	\$ 2,387	\$ 1,033	\$ 22,762	\$ 49,323	\$ 8,252	\$ 5,014
Physician - RHC	\$ 19,475	\$ 120,037	\$ 66,117	\$ 21,211	\$ 9,104	\$ 21,003	\$ 3,030	\$ 11,432	\$ 30,576	\$ 20,303	\$ 7,832	\$ 1,902	\$ 16,965	\$ 36,039	\$ 6,362	\$ 6,289
Prescription Drugs	\$ 226,500	\$ 1,652,295	\$ 2,698,593	\$ 674,608	\$ 439,655	\$ 858,570	\$ 173,911	\$ 526,019	\$ 1,483,943	\$ 271,318	\$ 103,166	\$ 18,545	\$ 277,890	\$ 1,394,375	\$ 236,602	\$ 311,762
Ambulance	\$ 41,965	\$ 29,612	\$ 21,376	\$ 19,353	\$ 6,345	\$ 25,090	\$ 2,773	\$ 7,163	\$ 11,403	\$ 14,898	\$ 1,908	\$ -	\$ 3,315	\$ 9,719	\$ 4,779	\$ 3,309
Non-Emergent Medical Transportation	\$ 26,055	\$ 84,113	\$ 88,799	\$ 27,262	\$ 19,158	\$ 14,964	\$ 2,070	\$ 6,934	\$ 11,470	\$ 5,826	\$ 1,005	\$ 2,235	\$ 15,681	\$ 41,795	\$ 10,706	\$ 9,468
Lab & X-Ray	\$ 102,487	\$ 274,387	\$ 251,337	\$ 352,987	\$ 58,691	\$ 427,975	\$ 30,836	\$ 147,691	\$ 263,407	\$ 503,215	\$ 114,677	\$ 718	\$ 44,818	\$ 136,897	\$ 74,177	\$ 31,543
Other Professional	\$ 22,245	\$ 191,748	\$ 60,029	\$ 33,227	\$ 15,886	\$ 48,908	\$ 5,963	\$ 25,015	\$ 75,093	\$ 27,046	\$ 9,338	\$ 921	\$ 24,300	\$ 20,315	\$ 9,570	\$ 6,135
Vision Care	\$ 46,641	\$ 307,907	\$ 519,109	\$ 93,295	\$ 51,800	\$ 45,667	\$ 7,920	\$ 17,626	\$ 37,317	\$ 38,368	\$ 5,653	\$ 1,286	\$ 55,852	\$ 279,600	\$ 41,210	\$ 35,201
Home Care and Hospice Service	\$ 32,058	\$ 46,986	\$ 87,888	\$ 7,620	\$ -	\$ 21,562	\$ 54	\$ 1,614	\$ 7,621	\$ 5,700	\$ 495	\$ 112	\$ 354	\$ 4,515	\$ 1,826	\$ 2,460
Medical Supplies/DME	\$ 134,846	\$ 192,270	\$ 94,809	\$ 12,957	\$ 7,108	\$ 31,747	\$ 3,611	\$ 10,165	\$ 72,996	\$ 24,816	\$ 2,557	\$ 1,116	\$ 23,904	\$ 59,197	\$ 12,947	\$ 6,510
Other	\$ 277,434	\$ 614,504	\$ 430,603	\$ 294,389	\$ 72,594	\$ 403,124	\$ 51,960	\$ 121,743	\$ 159,970	\$ 150,966	\$ 22,469	\$ 1,584	\$ 68,972	\$ 162,970	\$ 41,130	\$ 28,157
Total	\$ 15,122,675	\$ 13,187,228	\$ 8,091,263	\$ 5,435,839	\$ 1,411,562	\$ 6,952,837	\$ 539,723	\$ 2,389,215	\$ 5,355,489	\$ 9,560,860	\$ 2,124,431	\$ 143,122	\$ 1,639,223	\$ 3,837,925	\$ 1,163,740	\$ 828,834



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Utilization
Region: Johnson, Leavenworth, Wyandotte Counties
Incurral Time Period: January 1, 2009 - December 31, 2009
Reported Through: 12/31/2010

Category of Service	Description/Metric	HW19											HW21				
		TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15-21 F	TAF & PLE 15-21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Mom < 30	Preg Mom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	Days	8,227	5,228	687	2,106	177	2,797	67	618	1,550	4,312	1,175	102	135	225	164	111
Outpatient Hospital - All Other	Visits	848	7,189	3,779	1,994	674	2,533	236	1,070	2,685	1,867	519	72	1,095	1,902	476	356
Outpatient Hospital - Lab & X-Ray	Procedures	2,617	6,656	5,576	3,290	866	3,585	278	1,560	3,464	3,225	730	103	1,341	3,334	1,134	550
Physician	Visits	40,427	66,237	32,667	9,670	3,865	9,573	1,277	4,259	8,895	6,322	1,656	1,065	10,378	17,558	3,315	2,370
Physician - FQHC	Visits	60	270	174	86	12	86	8	18	97	57	9	-	23	57	30	10
Physician - RHC	Visits	89	1,425	676	214	122	220	46	171	289	125	33	53	309	540	109	90
Prescription Drugs	Scripts	7,020	43,105	40,659	15,049	6,504	22,776	2,858	13,208	32,581	7,763	2,654	368	8,140	20,650	5,733	3,451
Ambulance	Trips	173	261	125	121	49	163	29	75	118	69	15	2	33	51	22	15
Non-Emergent Medical Transportation	Trips	907	1,742	1,724	1,092	279	2,460	56	968	2,474	629	118	31	280	303	104	27
Lab & X-Ray	Procedures	3,863	16,614	11,735	11,632	1,634	14,505	1,107	5,237	8,446	13,063	2,838	129	2,688	6,451	2,793	1,088
Other Professional	Services	79	1,263	492	322	110	268	23	106	329	89	49	27	167	291	105	44
Vision Care	Services	133	1,465	6,163	1,184	592	584	118	220	577	328	86	4	365	3,365	561	384
Home Care and Hospice Service	Services	229	77	93	16	25	24	16	12	77	29	6	9	35	49	2	2
Medical Supplies/DME	Services	658	841	586	222	306	190	167	117	479	121	55	21	141	346	75	184
Other	Services	2,167	5,439	2,918	1,225	383	1,752	242	663	788	444	85	42	669	1,027	243	192
Total		67,497	157,812	108,054	48,223	15,598	61,516	6,528	28,302	62,849	38,443	10,028	2,028	25,799	56,149	14,866	8,874



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Utilization
Region: Northeast & Western Counties
Incurral Time Period: January 1, 2009 - December 31, 2009
Reported Through: 12/31/2010

Category of Service	Description/Metric	HW19											HW21				
		TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	Days	12,496	9,555	820	2,462	272	3,058	107	987	2,187	6,772	1,091	197	437	823	367	392
Outpatient Hospital - All Other	Visits	1,184	10,124	5,199	3,939	1,210	4,006	536	1,614	3,488	4,442	870	161	2,342	4,442	1,285	1,065
Outpatient Hospital - Lab & X-Ray	Procedures	4,254	8,886	8,813	6,765	1,529	6,216	667	2,255	4,627	7,193	1,276	84	1,856	5,045	2,292	958
Physician	Visits	41,085	72,489	39,009	12,384	5,445	10,394	1,533	4,137	9,071	9,597	1,687	1,275	13,993	25,160	5,319	3,641
Physician - FQHC	Visits	453	2,329	1,036	506	184	449	42	207	502	410	80	44	313	515	145	69
Physician - RHC	Visits	5,640	16,528	7,149	2,824	1,303	1,932	347	833	1,600	1,581	234	503	4,208	6,938	1,485	1,234
Prescription Drugs	Scripts	14,997	69,610	70,293	25,048	10,608	26,734	4,871	15,100	44,260	12,509	3,076	938	18,551	48,068	10,938	8,053
Ambulance	Trips	156	186	101	96	41	126	17	50	107	49	10	6	18	42	30	21
Non-Emergent Medical Transportation	Trips	1,256	2,264	3,689	787	356	1,131	428	577	2,141	606	164	89	281	729	237	321
Lab & X-Ray	Procedures	4,053	14,893	11,698	12,285	2,391	12,708	848	4,526	7,731	13,932	2,115	74	3,109	7,158	3,891	1,538
Other Professional	Services	355	5,078	1,423	611	210	348	40	142	245	299	33	155	1,164	1,553	335	278
Vision Care	Services	133	2,570	9,349	2,004	1,071	774	173	249	592	750	105	-	579	6,055	1,106	773
Home Care and Hospice Service	Services	229	70	248	56	45	25	3	3	26	20	4	19	8	116	26	25
Medical Supplies/DME	Services	1,388	1,820	1,042	208	272	268	97	125	423	171	35	76	298	557	117	238
Other	Services	2,965	6,559	3,492	1,582	550	1,997	347	653	1,086	778	95	36	871	1,422	360	301
Total		90,644	222,961	163,361	71,557	25,487	70,166	10,056	31,458	78,086	59,109	10,875	3,657	48,028	108,623	27,933	18,907



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Utilization
Region: Southeast Kansas
Incurral Time Period: January 1, 2009 - December 31, 2009
Reported Through: 12/31/2010

Category of Service	Description/Metric	HW19											HW21				
		TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	Days	7,146	5,335	890	1,699	192	2,103	57	494	1,653	5,281	822	479	230	510	314	94
Outpatient Hospital - All Other	Visits	1,116	6,573	3,892	2,836	938	3,209	547	1,111	2,505	3,543	455	64	841	2,092	719	455
Outpatient Hospital - Lab & X-Ray	Procedures	3,410	6,737	5,492	5,928	1,266	4,972	586	1,739	3,512	6,071	901	68	1,305	3,418	1,729	732
Physician	Visits	29,140	43,837	27,884	10,264	4,334	8,432	1,385	3,134	6,708	8,009	1,315	664	7,678	16,969	4,376	2,917
Physician - FQHC	Visits	1,955	3,750	1,977	662	247	443	56	181	355	164	45	39	498	943	293	89
Physician - RHC	Visits	5,828	15,095	8,947	3,667	1,651	3,010	634	1,256	2,785	1,680	256	164	2,317	4,748	1,292	812
Prescription Drugs	Scripts	8,164	54,027	61,259	24,021	11,673	26,792	6,220	14,930	41,704	11,910	2,399	540	10,516	32,935	9,564	5,938
Ambulance	Trips	157	138	84	103	40	98	16	43	69	88	10	2	21	39	23	19
Non-Emergent Medical Transportation	Trips	578	1,474	2,509	679	437	619	69	394	1,012	447	178	24	198	371	99	43
Lab & X-Ray	Procedures	4,246	14,063	11,946	11,847	2,457	11,960	1,028	3,639	6,176	13,840	2,335	88	2,636	7,325	4,066	1,721
Other Professional	Services	155	2,226	749	281	144	210	22	114	220	172	34	31	275	369	136	80
Vision Care	Services	65	2,662	9,749	2,214	1,123	670	162	222	566	716	75	2	587	5,909	1,179	818
Home Care and Hospice Service	Services	228	112	88	25	6	16	1	-	33	19	6	3	40	61	4	5
Medical Supplies/DME	Services	956	1,149	813	240	140	244	55	115	595	157	38	21	149	466	75	122
Other	Services	2,349	5,117	3,081	1,461	569	1,501	357	521	667	682	65	17	732	1,177	330	271
Total		65,493	162,295	139,360	65,927	25,217	64,279	11,195	27,893	68,560	52,779	8,934	2,206	28,023	77,332	24,199	14,116



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Utilization
Region: Sedgwick County
Incurral Time Period: January 1, 2009 - December 31, 2009
Reported Through: 12/31/2010

Category of Service	Description/Metric	HW19											HW21				
		TAF & PLE < 1	TAF & PLE 1-5	TAF & PLE 6-14	TAF & PLE 15 21 F	TAF & PLE 15 21 M	TAF 22-29 F	TAF 22-34 M	TAF 30-34 F	TAF 35+	Preg Wom < 30	Preg Wom 30+	< 1	1-5	6-14	15-19 F	15-19 M
Inpatient Hospital-Non-Psychiatric	Days	9,855	6,855	699	1,951	160	2,549	52	605	1,205	4,336	1,057	121	419	284	289	78
Outpatient Hospital - All Other	Visits	604	5,444	2,429	1,799	544	2,515	261	856	1,738	2,179	515	44	492	914	283	209
Outpatient Hospital - Lab & X-Ray	Procedures	1,007	2,223	1,529	2,271	245	2,139	142	792	1,608	3,141	568	5	295	752	245	98
Physician	Visits	40,573	64,249	36,278	11,045	4,062	10,510	1,116	4,139	8,474	8,154	1,954	562	8,664	17,405	3,391	2,254
Physician - FQHC	Visits	1,146	4,142	2,384	503	229	382	55	261	557	127	40	20	489	1,027	164	107
Physician - RHC	Visits	339	1,841	1,035	271	144	233	41	161	410	117	59	28	232	501	92	77
Prescription Drugs	Scripts	7,124	49,090	47,499	17,155	6,562	22,892	3,102	12,308	30,090	10,988	3,154	277	8,334	23,989	4,724	3,861
Ambulance	Trips	80	174	136	125	44	180	20	54	82	89	15	-	20	40	14	20
Non-Emergent Medical Transportation	Trips	516	1,033	937	926	603	1,260	67	885	1,160	864	177	10	79	114	49	77
Lab & X-Ray	Procedures	5,774	20,119	13,971	15,298	2,522	16,628	958	5,817	8,438	18,212	4,150	48	3,022	7,112	3,104	1,258
Other Professional	Services	80	1,408	430	357	119	302	44	160	366	233	69	12	162	229	83	47
Vision Care	Services	147	4,411	10,758	1,880	969	574	62	221	482	618	73	2	644	5,208	784	605
Home Care and Hospice Service	Services	456	307	87	23	-	137	3	9	35	53	2	2	16	37	6	2
Medical Supplies/DME	Services	953	1,346	703	133	88	343	33	100	467	140	27	9	180	363	119	84
Other	Services	3,281	7,070	3,702	1,641	465	2,080	330	647	857	893	154	24	733	1,268	261	182
Total		71,935	169,712	122,577	55,378	16,756	62,724	6,286	27,015	55,969	50,144	12,014	1,164	23,781	59,243	13,608	8,959



Appendix A – CY09 HealthWave Data Book (Cont.)

MCO: Combined
Report: Administrative Expenses
Region: All
Expenses During: January 1, 2009 - December 31, 2009

Type of Expense	HW19	HW21
Compensation	\$ 13,519,633	\$ 3,200,859
Interest Expense	\$ 275	\$ 40
Occupancy, Depreciation and Amortization	\$ 2,385,953	\$ 572,656
Management Fees	\$ -	\$ -
Marketing Costs	\$ 506,294	\$ 162,907
Affiliate Admin Services	\$ 185,166	\$ 27,180
Reinsurance Premiums	\$ 393,526	\$ 113,853
Other Admin Costs	\$ 8,232,547	\$ 1,716,035
Total	\$ 25,223,393	\$ 5,793,530



Appendix B – SFY12 Title XIX Statewide Rate Range Development Summary (RRDS)

Rate Cell	SFY10 Member Months	CY09 Base Data	Program Changes ¹	Annual Trend	Admin	Profit	Privilege Tax	Statewide	
								Lower Bound Rate	Upper Bound Rate
TAF & PLE < 1	162,286	\$ 441.94	2.72%	-3.99%	7.91%	2.00%	1.00%	\$ 437.23	\$ 483.26
TAF & PLE 1-5	564,731	\$ 83.12	0.81%	-0.93%	7.91%	2.00%	1.00%	\$ 87.30	\$ 96.49
TAF & PLE 6-14	525,000	\$ 79.09	-0.43%	-0.37%	7.91%	2.00%	1.00%	\$ 83.20	\$ 91.96
TAF & PLE 15-21 F	99,832	\$ 177.46	1.04%	-1.14%	7.91%	2.00%	1.00%	\$ 185.79	\$ 205.35
TAF & PLE 15-21 M	70,734	\$ 101.81	1.13%	-0.81%	7.91%	2.00%	1.00%	\$ 107.59	\$ 118.92
TAF 22-29 F	69,595	\$ 271.80	0.78%	-1.15%	7.91%	2.00%	1.00%	\$ 283.78	\$ 313.65
TAF 22-34 M	19,448	\$ 195.23	-0.12%	-0.86%	7.91%	2.00%	1.00%	\$ 203.52	\$ 224.94
TAF 30-34 F	27,519	\$ 348.94	1.13%	-1.08%	7.91%	2.00%	1.00%	\$ 366.24	\$ 404.79
TAF 35+	54,549	\$ 456.95	1.24%	-1.05%	7.91%	2.00%	1.00%	\$ 480.52	\$ 531.10
Preg Wom < 30	45,538	\$ 373.43	3.67%	-2.43%	7.91%	2.00%	1.00%	\$ 388.22	\$ 429.09
Preg Wom 30+	8,090	\$ 470.22	-0.87%	-1.89%	7.91%	2.00%	1.00%	\$ 473.90	\$ 523.79
Delivery	10,171	\$5,493.20	2.53%	-4.47%	5.00%	2.00%	1.00%	\$ 5,188.13	\$ 5,734.25
Total	1,647,322	\$ 193.66	1.56%	-2.29%	7.44%	2.00%	1.00%	\$ 196.91	\$ 217.64

¹ Reflects policy and program changes for: vaccinations, Palivizumab, Leuprolide Acetate, non-coverage for consultation codes, professional rate leveling, KU rate change, DRG weights/rates, and Graduate Medical Expense



Appendix C – SFY12 Title XIX Rate Ranges by Region

	Statewide		Johnson, Leavenworth & Wyandotte Counties		Northeast & Western Counties		Southeast Kansas		Sedgwick County	
Rate Cell	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound	Lower Bound	Upper Bound
TAF & PLE < 1	\$ 437.23	\$ 483.26	\$ 476.14	\$ 526.26	\$ 421.11	\$ 465.44	\$ 440.31	\$ 486.66	\$ 420.11	\$ 464.33
TAF & PLE 1-5	\$ 87.30	\$ 96.49	\$ 94.86	\$ 104.85	\$ 83.90	\$ 92.73	\$ 87.72	\$ 96.96	\$ 83.70	\$ 92.51
TAF & PLE 6-14	\$ 83.20	\$ 91.96	\$ 90.43	\$ 99.95	\$ 79.98	\$ 88.40	\$ 83.62	\$ 92.43	\$ 79.79	\$ 88.19
TAF & PLE 15-21 F	\$ 185.79	\$ 205.35	\$ 202.18	\$ 223.46	\$ 178.81	\$ 197.63	\$ 186.97	\$ 206.65	\$ 178.39	\$ 197.16
TAF & PLE 15-21 M	\$ 107.59	\$ 118.92	\$ 117.02	\$ 129.34	\$ 103.50	\$ 114.39	\$ 108.22	\$ 119.61	\$ 103.25	\$ 114.12
TAF 22-29 F	\$ 283.78	\$ 313.65	\$ 308.09	\$ 340.52	\$ 272.48	\$ 301.17	\$ 284.91	\$ 314.90	\$ 271.84	\$ 300.45
TAF 22-34 M	\$ 203.52	\$ 224.94	\$ 221.23	\$ 244.52	\$ 195.66	\$ 216.26	\$ 204.59	\$ 226.12	\$ 195.20	\$ 215.75
TAF 30-34 F	\$ 366.24	\$ 404.79	\$ 396.38	\$ 438.11	\$ 350.57	\$ 387.47	\$ 366.55	\$ 405.14	\$ 349.74	\$ 386.55
TAF 35+	\$ 480.52	\$ 531.10	\$ 521.11	\$ 575.97	\$ 460.88	\$ 509.40	\$ 481.90	\$ 532.63	\$ 459.79	\$ 508.19
Preg Wom < 30	\$ 388.22	\$ 429.09	\$ 423.64	\$ 468.23	\$ 374.67	\$ 414.11	\$ 391.76	\$ 433.00	\$ 373.78	\$ 413.13
Preg Wom 30+	\$ 473.90	\$ 523.79	\$ 515.58	\$ 569.85	\$ 455.99	\$ 503.99	\$ 476.79	\$ 526.97	\$ 454.91	\$ 502.79
Delivery	\$ 5,188.13	\$ 5,734.25	\$ 5,655.51	\$ 6,250.83	\$ 5,001.84	\$ 5,528.35	\$ 5,229.95	\$ 5,780.47	\$ 4,989.98	\$ 5,515.24
Total ¹	\$ 196.91	\$ 217.64	\$ 208.35	\$ 230.28	\$ 193.23	\$ 213.57	\$ 200.81	\$ 221.95	\$ 186.91	\$ 206.59

¹ Rates are composited using the SFY10 membership distribution by region and rate cell



Appendix D – CMS Checklist

CMS Item#	Subject	Compliance	SFY12 HealthWave Rate Comments
AA.1.0	Overview of ratesetting methodology	✓	Rate Certification Letter Pages 1-2.
AA.1.1	Actuarial Certification	✓	Rate Certification Letter Page 7.
AA.1.2	Projection of expenditures	✓	
AA.1.3	Procurement, prior approval, and ratesetting	✓	State set rates are developed.
AA.1.4	N/A	✓	There is no item AA.1.4 in the CMS Checklist.
AA.1.5	Risk contracts	✓	
AA.1.6	Limit on payment to other providers	✓	
AA.1.7	Rate modifications	✓	N/A The rates certified in this letter are effective July 1, 2011 – June 30, 2012 and will not be modified unless new information that materially impacts the rates becomes available.
AA.2.0	Base year utilization and cost data	✓	Rate Certification Letter Page 2.
AA.2.1	Medicaid eligibles under the contract	✓	Only HealthWave program eligibles and cost data have been included in the rate base.
AA.2.2	Dual eligibles	✓	The HealthWave program does not include any members dually-eligible for Medicare and Medicaid.
AA.2.3	Spend down	✓	Spend down eligibles are not part of the HealthWave program.
AA.2.4	State Plan services only	✓	Non-State Plan services were removed from the base data.
AA.2.5	Services that may be covered by a capitated entity out of contract savings	✓	
AA.3.0	Adjustments to base year data	✓	Rate Certification Letter Pages 3-4.
AA.3.1	Benefit differences	✓	Rate Certification Letter Pages 3-4.
AA.3.2	Administrative cost allowance calculations	✓	Rate Certification Letter Pages 5-6.



CMS Item#	Subject	Compliance	SFY12 HealthWave Rate Comments
AA.3.3	Special population adjustments	✓	N/A
AA.3.4	Eligibility adjustments	✓	Enrollment levels for SFY10 and CY10 were reviewed while developing the SFY12 HealthWave rates.
AA.3.5	DSH payments	✓	The HealthWave rates do not include DSH payments.
AA.3.6	Third party liability (TPL)	✓	The MCOs are responsible for collection of any TPL recoveries; the base rates are accordingly net of these amounts.
AA.3.7	Copayments, coinsurance, and deductibles in capitated rates	✓	HealthWave enrollees do not have copayments, coinsurance, and deductibles.
AA.3.8	Graduate medical education (GME)	✓	Effective July 1, 2009, a state plan amendment was approved that modified the payment methodology for inpatient hospital services, specifically the portion of the payments made for Graduate Medical Education (GME). This adjustment is further explained on Page 4 of the Rate Certification Letter.
AA.3.9	FQHC and RHC reimbursement	✓	An adjustment was not made for FQHC/RHC reimbursement as the State is responsible for the cost settlement outside of the capitation rate.
AA.3.10	Medical cost trend inflation	✓	Rate Certification Letter Pages 4-5.
AA.3.11	Utilization adjustments	✓	N/A A utilization adjustment was not necessary since the utilization levels inherent in the CY09 projected forward to the contract period reflect anticipated utilization levels.
AA.3.12	Utilization and cost assumptions	✓	N/A The population in the base data is comparable to the population that will be covered in SFY12.
AA.3.13	Post-eligibility treatment of income (PETI)	✓	N/A
AA.3.14	Incomplete data adjustment	✓	The rate development methodology does not include an IBNR adjustment since the CY09 base data has 12-23



CMS Item#	Subject	Compliance	SFY12 HealthWave Rate Comments
			months of runout, depending on the date of service.
AA.4.0	Establish rate category groupings	✓	Rate Certification Letter Page 2.
AA.4.1	Age	✓	Rate Certification Letter Page 2.
AA.4.2	Gender	✓	Rate Certification Letter Page 2.
AA.4.3	Locality / Region	✓	Rate Certification Letter Page 6.
AA.4.4	Eligibility categories	✓	Rate Certification Letter Page 2.
AA.5.0	Data Smoothing	✓	Rate Certification Letter Page 6.
AA.5.1	Special populations and assessment of the data for distortions	✓	Outlier experience was reviewed and population-level distortion was addressed where necessary.
AA.5.2	Cost-neutral data smoothing adjustment	✓	Rate Certification Letter Page 6.
AA.5.3	Risk Adjustment	✓	N/A
AA.6.0	Stop loss, reinsurance, or risk sharing arrangements	✓	HealthWave MCOs have reinsurance coverage and there is no risk sharing arrangement with the State.
AA.6.1	Commercial reinsurance	✓	The State requires HealthWave MCOs to purchase reinsurance coverage.
AA.6.2	Simple stop loss program	✓	N/A
AA.6.3	Risk corridor program	✓	N/A
AA.7.0	Incentive arrangements	✓	N/A