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Google Meet joining info: Video call link: https://meet.google.com/ppb-iani-vmv Or dial: ?(US) +1 402-543-0086? PIN: ?494 791 476?#

PINAL COUNTY
WIDE OPEN OPPORTUNITY

PINAL COUNTY HEALTH BENEFITS TRUST BOARD
SUMMARY OF AGENDA FOR MEETING
Tuesday, September 27, 2022

10:00 AM - CALL TO ORDER

PINAL COUNTY ADMINISTRATIVE COMPLEX
IRONWOOD CONFERENCE ROOM
135 N. PINAL STREET
FLORENCE, AZ 85132

(1) **CONSENT ITEMS:**

All items indicated by an asterisk (*) will be handled by a single vote as part of the consent agenda, unless a Board Member, County Manager, or member of the public objects at the time the agenda item is called.

* A. Discussion/approval/disapproval of the Minutes from June 21, 2022 Regular Meeting of Pinal County Health Benefits Trust Board. (Danielle Watkins)

(2) Informational Only- Review of Claims Reporting for 2021-2022 Plan Year, Presented by Mike Barberio, CBIZ (Danielle Watkins)

(3) Informational Only- Review of Health Benefits Trust Fund Financial Statements for 2021-2022 Plan Year (Randee Stinson/Angeline Woods)

(4) Informational Only- Presentation on cost drivers for today's plan sponsors and what can be done to combat these rising costs by Michael Zucarelli, PharmD. (Danielle Watkins)

(5) Informational Only- Discussion of items to include in future Health Benefits Trust meeting agenda

(6) Call to Public -

Consideration and discussion of comments from the public. Those wishing to address the Pinal County Health Benefits Trust Board need not request permission in advance. Action taken as a result of public comment will be limited to directing staff to study the matter or rescheduling the matter for further consideration and decision at a later date.

ADJOURNMENT

(SUPPORTING DOCUMENTS ARE AVAILABLE AT THE HUMAN RESOURCES DEPARTMENT)

NOTE: One or more members of the Board may participate in this meeting by telephonic conference call.

The Board may go into Executive Session for the purpose of obtaining legal advice from the County's Attorney(s) on any of the above agenda items pursuant to A.R.S. 38-431.03 (A)(3).

In accordance with the requirement of Title II of the Americans with Disabilities Act (ADA), the Pinal County Health Benefits Trust Board does not discriminate against qualified individuals with disabilities admission to public meetings. If you need accommodation for a meeting, please contact the Human Resources Department at (520) 866-6231, at least (3) three business days prior to the meeting (not including weekends or holidays) so that your request may be accommodated.

Posted this 21st day of September, 2022 around 4:00 p.m.

PINAL COUNTY

WIDE OPEN OPPORTUNITY

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Discussion/approval/disapproval of the Minutes from June 21, 2022 Regular Meeting of Pinal County Health Benefits Trust Board. (Danielle Watkins)

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
June 21, 2022 Meeting Minutes

PINAL COUNTY
WIDE OPEN OPPORTUNITY

PINAL COUNTY HEALTH BENEFITS TRUST BOARD
ACTION SUMMARY
Tuesday, June 21, 2022

9:00 AM - CALL TO ORDER

PINAL COUNTY ADMINISTRATIVE COMPLEX
IRONWOOD CONFERENCE ROOM
135 N. PINAL STREET
FLORENCE, AZ 85132

The Pinal County Health Benefits Trust Board convened at 9:00 am on Tuesday, June 21, 2022. The meeting was called to order by Chairman Goodman.

Members Appearing Telephonically: Chairman Mike Goodman, Ginger Fligger, Matt Busby, and Rona Curphy.

Members Present: Kelli Munroe

Staff Present: Anela Arciga, Angeline Woods, Annamaria Olmeda, Chris Kellar, Danielle Watkins, Erica Crouch, Mary Ellen Sheppard, Mike Barberio (CBIZ), and Randee Stinson

(1) **CONSENT ITEMS:**

All items indicated by an asterisk (*) will be handled by a single vote as part of the consent agenda, unless a Board Member, County Manager, or member of the public objects at the time the agenda item is called.

* A. Discussion/approval/disapproval of the Minutes from March 22, 2022 Regular Meeting and the March 25, 2022 Special Meeting of Pinal County Health Benefits Trust Board Meeting. (Danielle Watkins)

Item Action: Approved

(2) Informational Only- Review of Health Benefits Trust Fund Financial Statements Quarter 3, Ending April 2022 (Randee Stinson)

Item Action: Information Only

(3) Informational Only- Review of Claims Reporting through Quarter 3, Ending April 2022. Presented by Mike Barberio, CBIZ (Danielle Watkins)

Item Action: Information Only

(4) Informational Only- Presentation of Open Enrollment Survey Results (Danielle Watkins)

Item Action: Information Only

(5) Discussion of Items to include in Future Health Benefits Trust Board Meeting agenda

Item Action: No Comments

(6) Call to Public -

Consideration and discussion of comments from the public. Those wishing to address the Pinal County Health Benefits Trust Board need not request permission in advance. Action taken as a result of public comment will be limited to directing staff to study the matter or rescheduling the matter for further consideration and decision at a later date.

Item Action: No Public Comment

PINAL COUNTY
WIDE OPEN OPPORTUNITY

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Informational Only- Review of Claims Reporting for 2021-2022 Plan Year, Presented by Mike Barberio, CBIZ (Danielle Watkins)

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
2022 Claims Presentation
Pinal Reserve Report 2021-2022

Pinal County

Medical, Rx, Dental, and Vision Experience

Plan Year: *July 2021 – June 2022*

Month End: June *2022*

Presented by your CBIZ Team

Mike Barberio and Stacy Jurgens

our business is growing yours.

Pinal County Reporting: Summary for Plan Year 2021-2022, as of June 2022 (Year End)

Medical and Pharmacy

With June's claims, the first plan year of paid claims data is now complete. June's claims ($2,078,135) were by far the heaviest of the year, driven by five new large claimants (see pages 11 and 12) that exceeded $100,000 of paid claims for the plan year. These members paid amounts were $757,671 for the month of June alone. Pending Stop Loss reimbursements of $222,263 and quarterly pharmacy rebates of $478,813 greatly offset the paid claims total for a net monthly paid amount of $1,377,059.

Per Employee Per Month (PEPM) data for 2021- 2022 for all plans is as follows: Medical Claims PEPM: $642.09 (including Stop Loss reimbursements), Pharmacy Claims PEPM: $227.14 (not including pharmacy rebates) Pharmacy Claims PEPM: $136.83 (including estimated not yet received 4th quarter rebates, as rebates are paid in arrears). Total Medical and Pharmacy Claims PEPM: $778.92 Actual vs Expected Claims Liability: 103.8% (including pending Stop Loss reimbursements and pharmacy rebates).

At plan year end, there were 23 large paid claims exceeding $100,000 for the 2021-22 plan year (see pages 11 and 12 for additional details). There were 7 claimants who exceeded the $240,000 and the combined $200,000 excess Individual Stop Loss amounts. Large claims as a percentage of total paid claims were 27.4%.

In comparison to the 2020-2021 Plan, PEPM for all plans was (including Run-out claims) Medical Claims PEPM: $733.51 Pharmacy Claims PEPM: $190.00 Total Medical and Pharmacy Claims PEPM: $923.51 There was one large claimant exceeding $240,000 at $385,594 (COBRA participant) as well as 14 other claimants exceeding $100K.

The 2021-2022 claim costs (exclusive of pharmacy rebates) by plan were: EPO Performance Network: 5.45% ($624.21 PEPM) EPO Broad Network: 16.17% ($1,237.24 PEPM)* PPO Performance Network: 20.8% ($781.54 PEPM) PPO Broad Network: 54.68% ($921.24 PEPM) High Deductible Health Plan Performance Network: 5.51% ($608.35 PEPM) High Deductible Health Plan Broad Network: 3.84% ($578.23 PEPM).

*Please note that the EPO Broad Network plan has averaged 173 (10.5% of the total enrollment) enrolled employees per month, out of 1641 who participate. The results for this plan are skewed by large claimants. With the two largest claims ($612,179 and $354,021) being incurred on the EPO Broad Network plan design.

Pinal County contracts with PrudentRx, which is a plug-in program that works with manufacturers to obtain member Co-pay assistance for certain specialty medications and manages all enrollment as well as renewals on the behalf of the member. This program essentially allows for many specialty medications to be filled at $0 out of pocket cost to the member when filled at CVS specialty pharmacy. This package continues to contribute to better pharmacy plan performance, while also allowing members to experience lower out-of-pocket costs. For the 2021-2022 plan year, total specialty drug spend was $1,803,586. Total PrudentRx savings was $295,650 which equates to a Total Net Savings of 16.4%.

Dental

Dental plan costs finished the plan year at 69.3% of budget for the Basic plan with a PEPM of $50.98 and 82.8% of budget for the Buy-up plan with a PEPM of $60.92. The overall dental costs were 79.8% of expected plan costs. As a point of reference, full plan year 2020-2021 dental PEPM for the base plan was $48.54 and $76.64 for the Buy-up plan. The vast majority (~78%) of the employees participated in the Buy-up plan. Pinal County realized estimated savings of ~$305,211 this year in dental plan costs over the prior year's results.

Vision

Vision expenditures for the plan year were 90.4% of expected claims with a PEPM of $13.72. We estimate that vision plan costs were ~$28,236 less this plan year than the prior year.

Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

	Aetna - All Plans										Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Rx Rebates	Claims in Excess of Stop Loss*	Total Claims Paid	Fixed Costs	HSA Contributions	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	1,629	$ 1,219,241	$ 170,877	$ 266,115	$ -	$ -	$ 436,992	$ 96,120	$ 14,409	$ 547,521	35.8%	$ 104.90	$ 163.36	$ 268.26	$ 336.11
Aug-21	1,632	$ 1,221,836	$ 365,585	$ 306,569	$ -	$ -	$ 672,154	$ 96,297	$ 14,618	$ 783,069	55.0%	$ 224.01	$ 187.85	$ 411.86	$ 479.82
Sep-21	1,632	$ 1,219,734	$ 817,415	$ 299,221	$ -	$ -	$ 1,116,636	$ 96,297	$ 14,499	$ 1,227,432	91.5%	$ 500.87	$ 183.35	$ 684.21	$ 752.10
Oct-21	1,642	$ 1,222,460	$ 1,173,930	$ 392,233	$ -	$ -	$ 1,566,163	$ 96,887	$ 14,911	$ 1,677,961	128.1%	$ 714.94	$ 238.88	$ 953.81	$ 1,021.90
Nov-21	1,636	$ 1,219,714	$ 1,265,153	$ 372,388	$ -	$ -	$ 1,637,541	$ 96,533	$ 14,771	$ 1,748,846	134.3%	$ 773.32	$ 227.62	$ 1,000.94	$ 1,068.98
Dec-21	1,655	$ 1,235,845	$ 1,503,489	$ 399,786	$ (410,896)	$ -	$ 1,492,379	$ 97,654	$ 14,951	$ 1,604,984	120.8%	$ 908.45	$ 241.56	$ 901.74	$ 969.78
Jan-22	1,656	$ 1,240,562	$ 1,073,065	$ 423,100	$ -	$ -	$ 1,496,165	$ 97,713	$ 14,825	$ 1,608,703	120.6%	$ 647.99	$ 255.50	$ 903.48	$ 971.44
Feb-22	1,651	$ 1,241,554	$ 1,174,554	$ 327,873	$ -	$ -	$ 1,502,427	$ 97,418	$ 14,770	$ 1,614,615	121.0%	$ 711.42	$ 198.59	$ 910.01	$ 977.96
Mar-22	1,639	$ 1,234,182	$ 1,386,771	$ 397,400	$ (444,830)	$ -	$ 1,339,341	$ 96,710	$ 14,783	$ 1,450,835	108.5%	$ 846.11	$ 242.47	$ 817.17	$ 885.20
Apr-22	1,637	$ 1,235,785	$ 1,398,400	$ 445,022	$ -	$ (267,125)	$ 1,576,297	$ 96,592	$ 14,634	$ 1,687,523	127.6%	$ 854.25	$ 271.85	$ 962.92	$ 1,030.86
May-22	1,640	$ 1,239,672	$ 1,182,780	$ 417,068	$ -	$ (22,663)	$ 1,577,186	$ 96,769	$ 14,612	$ 1,688,567	127.2%	$ 721.21	$ 254.31	$ 961.70	$ 1,029.61
Jun-22	1,652	$ 1,248,369	$ 1,649,930	$ 428,205	$ (478,813)	$ (222,263)	$ 1,377,059	$ 97,477	$ 15,277	$ 1,489,813	110.3%	$ 998.75	$ 259.20	$ 833.57	$ 901.82
Total	**19,701**	**$ 14,778,953**	**$ 13,161,949**	**$ 4,474,981**	**$ (1,334,539)**	**$ (512,052)**	**$ 15,790,340**	**$ 1,162,470**	**$ 177,060**	**$ 17,129,870**	**106.8%**	**$ 668.09**	**$ 227.14**	**$ 801.50**	**$ 869.49**
Avg Enrollment	**1,642**		**$ 13,161,949**	**$ 4,474,981**	**$ (1,779,385)**	**$ (512,052)**	**$ 15,345,494**	**$ 1,162,470**	**$ 177,060**	**$ 16,685,023**	**103.8%**				

Illustrative of Rx Rebate assumption

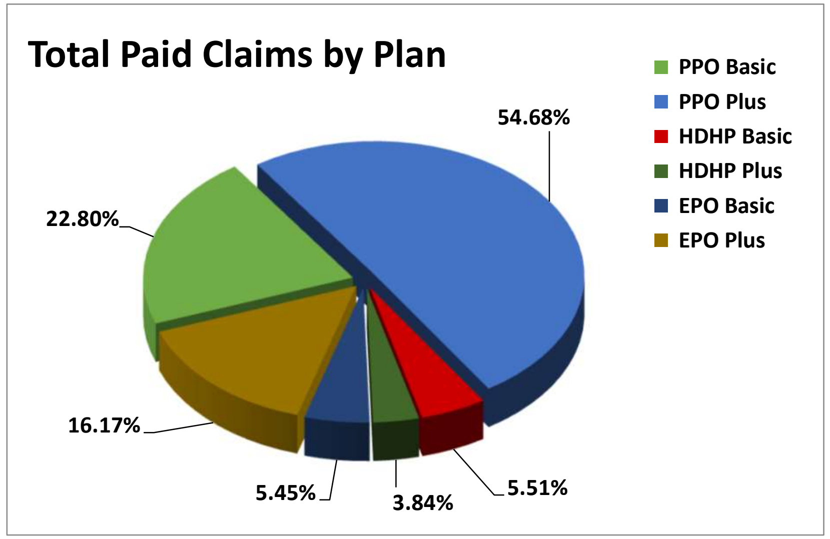
***Includes received and outstanding stop loss recovery**

Specific Stop Loss Limit $240,000 with a 12/12 Contract Period; Individual Aggregating Specific Deductible $200,000

Aggregate Stop Loss declined

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Claim/Premium Administration Fee	$36.66	$36.66	$36.66	$36.66
EAP	$1.58	$1.58	$1.58	$1.58
HSA Administration	$0.25	$0.25	$0.25	$0.25
Rx Admin Fee	$0.39	$0.39	$0.39	$0.39
COBRA Admin Fee	$0.30	$0.30	$0.30	$0.30
Wellness & Communication/Implementation Credit	-$8.39	-$8.39	-$8.39	-$8.39
Individual Stop Loss	$25.42	$25.42	$25.42	$25.42
Consulting Fee	$2.80	$2.80	$2.80	$2.80
Total PEPM Fees for All Plans	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Factors	PEPM
Expected Claims Factor	**$750.16**



Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - PPO Basic									Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Claims in Excess of Stop Loss*	Total Claims Paid	Admin Fees	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	364	$ 251,793	$ 29,287	$ 34,042	$ -	$ 63,329	$ 21,478	$ 84,807	25.2%	$ 80.46	$ 93.52	$ 173.98	$ 232.99
Aug-21	371	$ 258,342	$ 86,300	$ 46,823	$ -	$ 133,123	$ 21,891	$ 155,015	51.5%	$ 232.61	$ 126.21	$ 358.82	$ 417.83
Sep-21	372	$ 260,129	$ 166,675	$ 43,875	$ -	$ 210,550	$ 21,950	$ 232,501	80.9%	$ 448.05	$ 117.94	$ 566.00	$ 625.00
Oct-21	376	$ 264,408	$ 185,261	$ 55,185	$ -	$ 240,446	$ 22,186	$ 262,632	90.9%	$ 492.72	$ 146.77	$ 639.48	$ 698.49
Nov-21	382	$ 271,357	$ 326,423	$ 55,947	$ -	$ 382,370	$ 22,540	$ 404,910	140.9%	$ 854.51	$ 146.46	$ 1,000.97	$ 1,059.97
Dec-21	386	$ 276,084	$ 390,498	$ 68,644	$ -	$ 459,142	$ 22,776	$ 481,919	166.3%	$ 1,011.65	$ 177.84	$ 1,189.49	$ 1,248.49
Jan-22	392	$ 281,175	$ 258,517	$ 67,824	$ -	$ 326,341	$ 23,130	$ 349,471	116.1%	$ 659.48	$ 173.02	$ 832.50	$ 891.51
Feb-22	390	$ 280,097	$ 189,103	$ 56,940	$ -	$ 246,043	$ 23,012	$ 269,056	87.8%	$ 484.88	$ 146.00	$ 630.88	$ 689.89
Mar-22	389	$ 279,265	$ 253,452	$ 57,839	$ -	$ 311,291	$ 22,953	$ 334,244	111.5%	$ 651.55	$ 148.69	$ 800.23	$ 859.24
Apr-22	393	$ 281,988	$ 361,848	$ 53,680	$ (46,339)	$ 369,189	$ 23,189	$ 392,379	130.9%	$ 920.73	$ 136.59	$ 939.41	$ 998.42
May-22	393	$ 282,013	$ 236,364	$ 42,189	$ 98	$ 278,651	$ 23,189	$ 301,840	98.8%	$ 601.44	$ 107.35	$ 709.03	$ 768.04
Jun-22	399	$ 287,104	$ 563,724	$ 58,347	$ (42,008)	$ 580,063	$ 23,543	$ 603,607	202.0%	$ 1,412.84	$ 146.23	$ 1,453.79	$ 1,512.80
Total	**4,607**	**$ 3,273,754**	**$ 3,047,452**	**$ 641,337**	**$ (88,249)**	**$ 3,600,539**	**$ 271,839**	**$ 3,872,378**	**110.0%**	**$ 661.48**	**$ 139.21**	**$ 781.54**	**$ 840.54**

Avg Enrollment	**384**

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Total PEPM Fees for the PPO Basic Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	Employee	EE + Spouse	EE + Children	EE + Family
Expected Claim Factor	$383.84	$787.92	$719.01	$1,098.02

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	EE	EE + Sp	EE & Ch	EE & Fam	Total EE's
Jul-21	139	59	80	86	364
Aug-21	139	59	83	90	371
Sep-21	139	58	82	93	372
Oct-21	138	57	85	96	376
Nov-21	136	58	87	101	382
Dec-21	135	58	88	105	386
Jan-22	137	57	89	109	392
Feb-22	135	58	89	108	390
Mar-22	134	57	91	107	389
Apr-22	136	59	90	108	393
May-22	135	60	91	107	393
Jun-22	137	59	92	111	399
Total	**1,640**	**699**	**1,047**	**1,221**	**4,607**

Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - PPO Plus									Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Claims in Excess of Stop Loss*	Total Claims Paid	Admin Fees	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	775	$ 631,399	$ 105,175	$ 159,846	$ -	$ 265,021	$ 45,729	$ 310,750	42.0%	$ 135.71	$ 206.25	$ 341.96	$ 400.97
Aug-21	767	$ 625,082	$ 199,149	$ 178,682	$ -	$ 377,831	$ 45,257	$ 423,088	60.4%	$ 259.65	$ 232.96	$ 492.61	$ 551.61
Sep-21	769	$ 623,942	$ 492,756	$ 174,826	$ -	$ 667,582	$ 45,375	$ 712,957	107.0%	$ 640.78	$ 227.34	$ 868.12	$ 927.12
Oct-21	772	$ 624,834	$ 664,005	$ 241,155	$ -	$ 905,160	$ 45,552	$ 950,713	144.9%	$ 860.11	$ 312.38	$ 1,172.49	$ 1,231.49
Nov-21	764	$ 617,633	$ 592,334	$ 226,940	$ -	$ 819,274	$ 45,080	$ 864,354	132.6%	$ 775.31	$ 297.04	$ 1,072.35	$ 1,131.35
Dec-21	773	$ 622,504	$ 626,296	$ 236,394	$ -	$ 862,690	$ 45,611	$ 908,302	138.6%	$ 810.21	$ 305.81	$ 1,116.03	$ 1,175.03
Jan-22	769	$ 622,400	$ 565,962	$ 224,525	$ -	$ 790,487	$ 45,375	$ 835,862	127.0%	$ 735.97	$ 291.97	$ 1,027.94	$ 1,086.95
Feb-22	763	$ 619,590	$ 449,673	$ 171,777	$ -	$ 621,450	$ 45,021	$ 666,472	100.3%	$ 589.35	$ 225.13	$ 814.48	$ 873.49
Mar-22	754	$ 612,961	$ 732,492	$ 220,546	$ -	$ 953,038	$ 44,490	$ 997,529	155.5%	$ 971.47	$ 292.50	$ 1,263.98	$ 1,322.98
Apr-22	749	$ 610,765	$ 487,079	$ 295,697	$ (75,871)	$ 706,905	$ 44,195	$ 751,100	115.7%	$ 650.31	$ 394.79	$ 943.80	$ 1,002.80
May-22	758	$ 619,093	$ 600,272	$ 253,830	$ (3,252)	$ 850,849	$ 44,726	$ 895,576	137.4%	$ 791.92	$ 334.87	$ 1,122.49	$ 1,181.50
Jun-22	760	$ 622,118	$ 575,915	$ 272,301	$ (34,518)	$ 813,699	$ 44,844	$ 858,543	130.8%	$ 757.78	$ 358.29	$ 1,070.66	$ 1,129.66
Total	**9,173**	**$ 7,452,319**	**$ 6,091,108**	**$ 2,656,519**	**$ (113,641)**	**$ 8,633,987**	**$ 541,259**	**$ 9,175,245**	**115.9%**	**$ 664.03**	**$ 289.60**	**$ 941.24**	**$ 1,000.24**

Avg Enrollment	**764**

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Total PEPM Fees for the PPO Plus Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	Employee	EE + Spouse	EE + Children	EE + Family
Expected Claim Factor	**$462.48**	**$945.20**	**$863.70**	**$1,311.91**

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	EE	EE + Sp	EE & Ch	EE & Fam	Total EE's
Jul-21	327	110	150	188	775
Aug-21	324	108	148	187	767
Sep-21	328	109	148	184	769
Oct-21	330	109	151	182	772
Nov-21	329	106	148	181	764
Dec-21	334	106	154	179	773
Jan-22	329	106	152	182	769
Feb-22	324	105	151	183	763
Mar-22	318	106	150	180	754
Apr-22	312	108	150	179	749
May-22	316	107	151	184	758
Jun-22	315	107	152	186	760
Total	**3,886**	**1,287**	**1,805**	**2,195**	**9,173**

Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - HDHP Basic										Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Claims in Excess of Stop Loss*	Total Claims Paid	Admin Fees	HSA Contributions	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	117	$ 69,740	$ 8,245	$ 10,713	$ -	$ 18,958	$ 6,904	$ 12,278	$ 25,861	27.2%	$ 70.47	$ 91.56	$ 162.03	$ 221.04
Aug-21	119	$ 70,944	$ 9,534	$ 9,881	$ -	$ 19,415	$ 7,022	$ 12,487	$ 26,437	27.4%	$ 80.12	$ 83.03	$ 163.15	$ 222.16
Sep-21	118	$ 70,619	$ 19,083	$ 11,395	$ -	$ 30,478	$ 6,963	$ 12,368	$ 37,441	43.2%	$ 161.72	$ 96.57	$ 258.29	$ 317.30
Oct-21	120	$ 69,430	$ 169,022	$ 6,050	$ -	$ 175,072	$ 7,081	$ 12,703	$ 182,153	252.2%	$ 1,408.52	$ 50.42	$ 1,458.93	$ 1,517.94
Nov-21	120	$ 69,144	$ 48,998	$ 9,424	$ -	$ 58,422	$ 7,081	$ 12,718	$ 65,503	84.5%	$ 408.32	$ 78.53	$ 486.85	$ 545.86
Dec-21	121	$ 69,796	$ 23,140	$ 4,941	$ -	$ 28,081	$ 7,140	$ 12,820	$ 35,221	40.2%	$ 191.24	$ 40.84	$ 232.08	$ 291.08
Jan-22	120	$ 68,858	$ 81,475	$ 12,080	$ -	$ 93,555	$ 7,081	$ 12,733	$ 100,635	135.9%	$ 678.96	$ 100.67	$ 779.62	$ 838.63
Feb-22	120	$ 69,185	$ 81,324	$ 11,013	$ -	$ 92,337	$ 7,081	$ 12,716	$ 99,418	133.5%	$ 677.70	$ 91.78	$ 769.48	$ 828.48
Mar-22	119	$ 68,533	$ 110,819	$ 12,524	$ -	$ 123,343	$ 7,022	$ 12,614	$ 130,365	180.0%	$ 931.25	$ 105.24	$ 1,036.50	$ 1,095.50
Apr-22	117	$ 66,924	$ 24,624	$ 19,227	$ -	$ 43,851	$ 6,904	$ 12,426	$ 50,754	65.5%	$ 210.46	$ 164.33	$ 374.79	$ 433.80
May-22	117	$ 66,596	$ 41,422	$ 16,230	$ -	$ 57,652	$ 6,904	$ 12,443	$ 64,556	86.6%	$ 354.03	$ 138.72	$ 492.75	$ 551.76
Jun-22	123	$ 69,506	$ 117,608	$ 11,782	$ -	$ 129,390	$ 7,258	$ 13,108	$ 136,648	186.2%	$ 956.16	$ 95.79	$ 1,051.95	$ 1,110.96
Total	**1,431**	**$ 829,276**	**$ 735,294**	**$ 135,260**	**$ -**	**$ 870,554**	**$ 84,437**	**$ 151,414**	**$ 954,991**	**105.0%**	**$ 513.83**	**$ 94.52**	**$ 608.35**	**$ 667.36**

Avg Enrollment	**119**

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Total PEPM Fees for the HDHP Basic Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	Employee	EE + Spouse	EE + Children	EE + Family
Expected Claim Factor	**$325.17**	**$670.57**	**$611.05**	**$938.42**

	Employee	EE + Spouse	EE + Children	EE + Family
HSA Contributions	**$119.19**	**$100.92**	**$103.85**	**$87.10**

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	EE	EE + Sp	EE & Ch	EE & Fam	Total EE's
Jul-21	51	12	17	37	117
Aug-21	52	11	18	38	119
Sep-21	51	11	18	38	118
Oct-21	56	11	18	35	120
Nov-21	57	11	17	35	120
Dec-21	58	11	16	36	121
Jan-22	58	11	16	35	120
Feb-22	58	11	15	36	120
Mar-22	57	11	16	35	119
Apr-22	57	10	16	34	117
May-22	57	10	17	33	117
Jun-22	61	11	17	34	123
Total	**673**	**131**	**201**	**426**	**1,431**

Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - HDHP Plus										Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Claims in Excess of Stop Loss*	Total Claims Paid	Admin Fees	HSA Contributions	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	86	$ 52,393	$ 3,439	$ 21,603	$ -	$ 25,042	$ 5,074	$ 2,131	$ 30,116	47.8%	$ 39.99	$ 251.19	$ 291.18	$ 350.19
Aug-21	85	$ 51,235	$ 3,114	$ 28,444	$ -	$ 31,558	$ 5,015	$ 2,131	$ 36,574	61.6%	$ 36.64	$ 334.64	$ 371.28	$ 430.28
Sep-21	85	$ 50,909	$ 33,225	$ 11,757	$ -	$ 44,982	$ 5,015	$ 2,131	$ 49,997	88.4%	$ 390.88	$ 138.31	$ 529.20	$ 588.20
Oct-21	86	$ 50,563	$ 21,612	$ 17,910	$ -	$ 39,522	$ 5,074	$ 2,208	$ 44,596	78.2%	$ 251.30	$ 208.25	$ 459.56	$ 518.56
Nov-21	84	$ 50,785	$ 18,833	$ 16,438	$ -	$ 35,271	$ 4,956	$ 2,053	$ 40,227	69.5%	$ 224.20	$ 195.69	$ 419.89	$ 478.90
Dec-21	87	$ 53,152	$ 106,425	$ 16,031	$ -	$ 122,456	$ 5,133	$ 2,131	$ 127,590	230.4%	$ 1,223.28	$ 184.27	$ 1,407.54	$ 1,466.55
Jan-22	87	$ 53,903	$ 21,877	$ 39,038	$ -	$ 60,915	$ 5,133	$ 2,092	$ 66,048	113.0%	$ 251.46	$ 448.71	$ 700.17	$ 759.18
Feb-22	88	$ 55,088	$ 10,678	$ 20,042	$ -	$ 30,720	$ 5,192	$ 2,053	$ 35,912	55.8%	$ 121.34	$ 227.74	$ 349.09	$ 408.09
Mar-22	92	$ 57,860	$ 35,941	$ 28,313	$ -	$ 64,254	$ 5,429	$ 2,169	$ 69,682	111.0%	$ 390.66	$ 307.75	$ 698.41	$ 757.42
Apr-22	91	$ 55,952	$ 25,251	$ 23,797	$ -	$ 49,048	$ 5,370	$ 2,208	$ 54,418	87.7%	$ 277.48	$ 261.51	$ 538.99	$ 598.00
May-22	89	$ 54,389	$ 24,632	$ 27,036	$ -	$ 51,668	$ 5,252	$ 2,169	$ 56,919	95.0%	$ 276.76	$ 303.77	$ 580.53	$ 639.54
Jun-22	88	$ 53,557	$ 31,153	$ 19,393	$ -	$ 50,546	$ 5,192	$ 2,169	$ 55,738	94.4%	$ 354.01	$ 220.37	$ 574.38	$ 633.39
Total	**1,048**	**$ 639,787**	**$ 336,180**	**$ 269,801**	**$ -**	**$ 605,981**	**$ 61,838**	**$ 25,646**	**$ 667,819**	**94.7%**	**$ 320.78**	**$ 257.44**	**$ 578.23**	**$ 637.23**

Avg Enrollment	**87**

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Total PEPM Fees for the HDHP Plus Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	Employee	EE + Spouse	EE + Children	EE + Family
Expected Claim Factor	**$405.62**	**$831.47**	**$759.08**	**$1,157.25**

	Employee	EE + Spouse	EE + Children	EE + Family
HSA Contributions	**$38.74**			

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	EE	EE + Sp	EE & Ch	EE & Fam	Total EE's
Jul-21	55	8	8	15	86
Aug-21	55	8	8	14	85
Sep-21	55	9	8	13	85
Oct-21	57	9	8	12	86
Nov-21	53	8	10	13	84
Dec-21	55	8	9	15	87
Jan-22	54	8	9	16	87
Feb-22	53	9	10	16	88
Mar-22	56	9	9	18	92
Apr-22	57	9	9	16	91
May-22	56	9	9	15	89
Jun-22	56	8	9	15	88
Total	**662**	**102**	**106**	**178**	**1,048**

Pinal County

Paid Medical Plan Costs

Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - EPO Basic									Loss Ratio	PEPM Costs			
Month	Subscribers	Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Claims in Excess of Stop Loss*	Total Claims Paid	Admin Fees	Total Paid Claims and Admin Fees	Actual Claims vs. Expected Claims Liability	Medical Claims Paid	Rx Claims Paid	Total Paid Claims	Total Paid Claims and Admin Fees
Jul-21	109	$ 73,941	$ 6,387	$ 6,202	$ -	$ 12,589	$ 6,432	$ 19,021	17.0%	$ 58.60	$ 56.90	$ 115.50	$ 174.50
Aug-21	111	$ 75,785	$ 16,946	$ 3,212	$ -	$ 20,158	$ 6,550	$ 26,707	26.6%	$ 152.67	$ 28.94	$ 181.60	$ 240.61
Sep-21	112	$ 76,843	$ 53,938	$ 20,993	$ -	$ 74,931	$ 6,609	$ 81,540	97.5%	$ 481.59	$ 187.44	$ 669.03	$ 728.04
Oct-21	113	$ 77,238	$ 44,315	$ 14,747	$ -	$ 59,062	$ 6,668	$ 65,730	76.5%	$ 392.17	$ 130.51	$ 522.68	$ 581.68
Nov-21	112	$ 75,694	$ 138,224	$ 13,777	$ -	$ 152,001	$ 6,609	$ 158,610	200.8%	$ 1,234.14	$ 123.01	$ 1,357.15	$ 1,416.16
Dec-21	116	$ 80,237	$ 83,350	$ 19,188	$ -	$ 102,538	$ 6,845	$ 109,383	127.8%	$ 718.53	$ 165.42	$ 883.95	$ 942.96
Jan-22	116	$ 80,237	$ 55,125	$ 13,624	$ -	$ 68,749	$ 6,845	$ 75,594	85.7%	$ 475.22	$ 117.45	$ 592.67	$ 651.67
Feb-22	117	$ 81,853	$ 22,808	$ 23,862	$ -	$ 46,670	$ 6,904	$ 53,574	57.0%	$ 194.94	$ 203.95	$ 398.89	$ 457.89
Mar-22	117	$ 82,516	$ 106,058	$ 19,873	$ -	$ 125,931	$ 6,904	$ 132,834	152.6%	$ 906.48	$ 169.85	$ 1,076.33	$ 1,135.34
Apr-22	119	$ 86,242	$ 31,944	$ 15,994	$ -	$ 47,938	$ 7,022	$ 54,960	55.6%	$ 268.44	$ 134.40	$ 402.84	$ 461.85
May-22	117	$ 85,107	$ 30,338	$ 24,229	$ -	$ 54,567	$ 6,904	$ 61,471	64.1%	$ 259.30	$ 207.09	$ 466.39	$ 525.39
Jun-22	119	$ 85,898	$ 75,344	$ 19,679	$ -	$ 95,023	$ 7,022	$ 102,044	110.6%	$ 633.14	$ 165.37	$ 798.51	$ 857.51
Total	**1,378**	**$ 961,591**	**$ 664,777**	**$ 195,381**	**$ -**	**$ 860,158**	**$ 81,310**	**$ 941,468**	**89.5%**	**$ 482.42**	**$ 141.79**	**$ 624.21**	**$ 683.21**

Avg Enrollment	**115**

Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	Employee	EE & Spouse	EE & Child(ren)	EE & Family
Total PEPM Fees for the EPO Basic Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	Employee	EE + Spouse	EE + Children	EE + Family
Expected Claim Factor	$395.33	$810.81	$740.16	$1,129.28

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	EE	EE + Sp	EE & Ch	EE & Fam	Total EE's
Jul-21	50	11	23	25	109
Aug-21	51	10	23	27	111
Sep-21	51	9	24	28	112
Oct-21	52	9	24	28	113
Nov-21	53	8	24	27	112
Dec-21	52	9	25	30	116
Jan-22	52	9	25	30	116
Feb-22	51	11	24	31	117
Mar-22	50	10	25	32	117
Apr-22	48	10	25	36	119
May-22	47	10	24	36	117
Jun-22	49	10	24	36	119
Total	**606**	**116**	**290**	**366**	**1,378**

Pinal County
Paid Medical Plan Costs
Plan Year: July 2021 to June 2022 (as of June 2022)

Aetna - EPO Plus									Loss Ratio	PEPM Costs			
Month	**Subscribers**	**Expected Claims Liability**	**Medical Claims Paid**	**Rx Claims Paid**	**Claims in Excess of Stop Loss***	**Total Claims Paid**	**Admin Fees**	**Total Paid Claims and Admin Fees**	**Actual Claims vs. Expected Claims Liability**	**Medical Claims Paid**	**Rx Claims Paid**	**Total Paid Claims**	**Total Paid Claims and Admin Fees**
Jul-21	178	$ 139,975	$ 18,344	$ 33,709	$ -	$ 52,053	$ 10,503	$ 62,556	37.2%	$ 103.06	$ 189.38	$ 292.43	$ 351.44
Aug-21	179	$ 140,448	$ 50,542	$ 39,526	$ -	$ 90,068	$ 10,562	$ 100,630	64.1%	$ 282.36	$ 220.82	$ 503.17	$ 562.18
Sep-21	176	$ 137,292	$ 51,738	$ 36,375	$ -	$ 88,113	$ 10,385	$ 98,498	64.2%	$ 293.97	$ 206.67	$ 500.64	$ 559.65
Oct-21	175	$ 135,986	$ 89,715	$ 57,186	$ -	$ 146,901	$ 10,326	$ 157,227	108.0%	$ 512.66	$ 326.78	$ 839.43	$ 898.44
Nov-21	174	$ 135,102	$ 140,341	$ 49,863	$ -	$ 190,204	$ 10,267	$ 200,471	140.8%	$ 806.56	$ 286.57	$ 1,093.12	$ 1,152.13
Dec-21	172	$ 134,072	$ 273,780	$ 54,586	$ -	$ 328,366	$ 10,149	$ 338,515	244.9%	$ 1,591.74	$ 317.36	$ 1,909.10	$ 1,968.11
Jan-22	172	$ 133,989	$ 90,109	$ 66,009	$ -	$ 156,118	$ 10,149	$ 166,267	116.5%	$ 523.89	$ 383.77	$ 907.66	$ 966.67
Feb-22	173	$ 135,741	$ 420,968	$ 44,239	$ -	$ 465,207	$ 10,208	$ 475,415	342.7%	$ 2,433.34	$ 255.72	$ 2,689.06	$ 2,748.06
Mar-22	168	$ 133,047	$ 148,009	$ 58,306	$ -	$ 206,315	$ 9,913	$ 216,228	155.1%	$ 881.01	$ 347.06	$ 1,228.06	$ 1,287.07
Apr-22	168	$ 133,915	$ 467,654	$ 36,627	$ (144,916)	$ 359,365	$ 9,913	$ 369,278	268.4%	$ 2,783.65	$ 218.02	$ 2,139.08	$ 2,198.08
May-22	166	$ 132,475	$ 249,752	$ 53,555	$ (19,508)	$ 283,799	$ 9,795	$ 293,594	214.2%	$ 1,504.53	$ 322.62	$ 1,709.63	$ 1,768.64
Jun-22	163	$ 130,186	$ 286,186	$ 46,704	$ (145,738)	$ 187,152	$ 9,618	$ 196,770	143.8%	$ 1,755.74	$ 286.52	$ 1,148.17	$ 1,207.18
Total	**2,064**	**$ 1,622,226**	**$ 2,287,138**	**$ 576,683**	**$ (310,162)**	**$ 2,553,660**	**$ 121,788**	**$ 2,675,447**	**157.4%**	**$ 1,108.11**	**$ 279.40**	**$ 1,237.24**	**$ 1,296.24**

Avg Enrollment	**172**

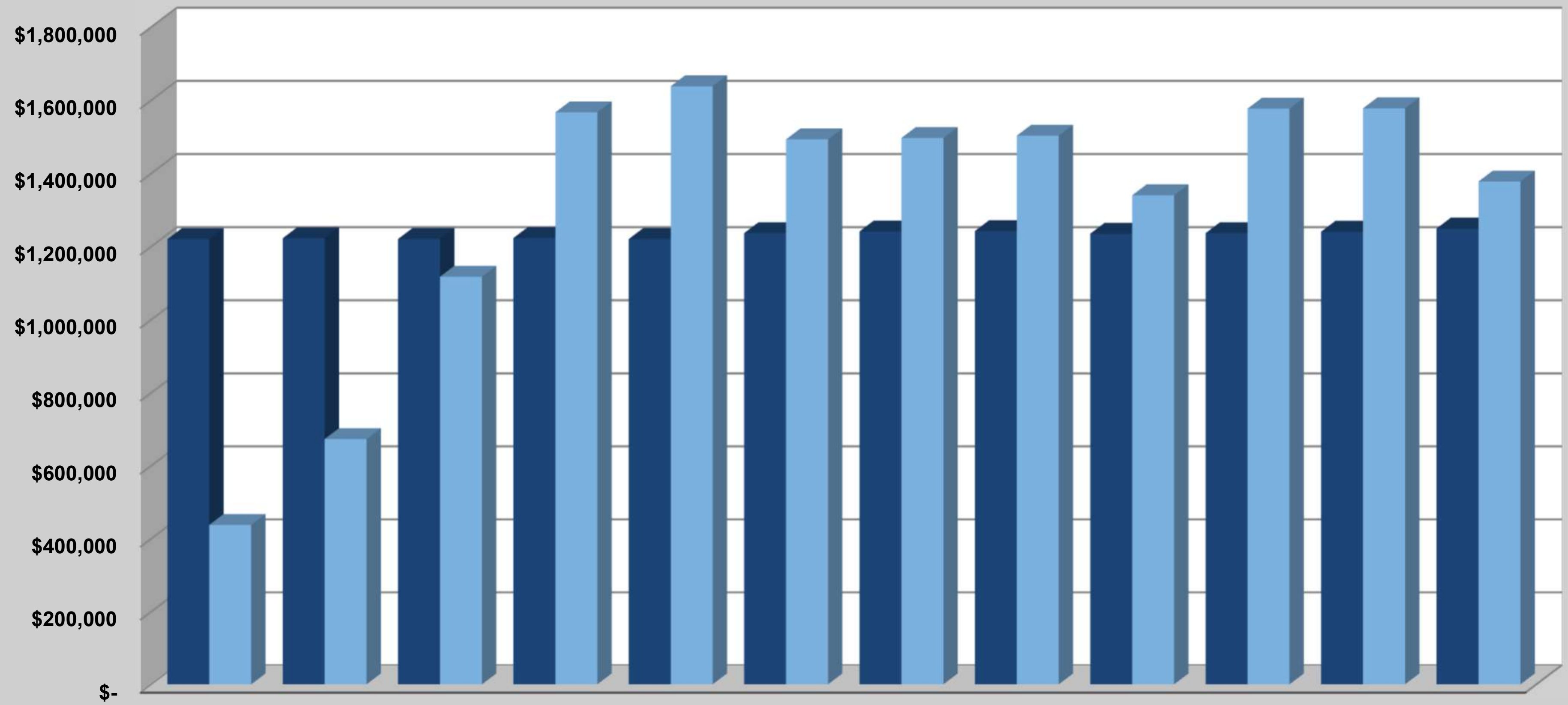
Fixed Costs (e.g. Admin Fees, Stop Loss, etc.)	**Employee**	**EE & Spouse**	**EE & Child(ren)**	**EE & Family**
Total PEPM Fees for the EPO Plus Plan	***$59.01***	***$59.01***	***$59.01***	***$59.01***

Claim Expenses	**Employee**	**EE + Spouse**	**EE + Children**	**EE + Family**
Expected Claim Factor	**$473.37**	**$966.97**	**$883.74**	**$1,341.53**

***Includes received and outstanding stop loss recovery**

Enrollment by Tier					
Month	**EE**	**EE + Sp**	**EE & Ch**	**EE & Fam**	**Total EE's**
Jul-21	90	21	28	39	178
Aug-21	91	21	28	39	179
Sep-21	90	21	28	37	176
Oct-21	89	22	29	35	175
Nov-21	89	22	28	35	174
Dec-21	87	21	29	35	172
Jan-22	87	20	30	35	172
Feb-22	86	20	31	36	173
Mar-22	82	21	29	36	168
Apr-22	81	21	29	37	168
May-22	80	20	29	37	166
Jun-22	78	20	29	36	163
Total	**1,030**	**250**	**347**	**437**	**2,064**

Pinal County
Monthly Claims Experience
Plan Year: July 2021 to June 2022



	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Expected Claims Liability	$1,219,241	$1,221,836	$1,219,734	$1,222,460	$1,219,714	$1,235,845	$1,240,562	$1,241,554	$1,234,182	$1,235,785	$1,239,672	$1,248,369
Total Claims Paid	$436,992	$672,154	$1,116,636	$1,566,163	$1,637,541	$1,492,379	$1,496,165	$1,502,427	$1,339,341	$1,576,297	$1,577,186	$1,377,059

Expected Claims Liability   Total Claims Paid

Pinal County
Aetna - Large Loss Claims Report Over $100k
2021-2022 Plan Year: Processed July 2021 through June 2022

Claimant	Unique ID	Plan	Prior Month's Paid Claims	Current Month's Paid Claims		Current Month's Paid Claims	Change from Prior Paid Claims	% of $240K ISL*	% of $200K Aggregating Specific Limit**	Stop Loss Reimburse-ments	Net Paid after SL Reimburse-ments
				Medical	Pharmacy						
1	A010	EPO Plus	$578,219	$595,996	$16,183	$612,179	$33,960	100%	100%	($172,179)	$440,000
2	A009	EPO Plus	$169,459	$351,778	$2,243	$354,021	$184,562	100%		($114,021)	$240,000
3	A004	PPO Plus	$319,123	$59,855	$293,786	$353,641	$34,518	100%		($113,641)	$240,000
4	A016	PPO Basic	$286,241	$286,241	$72	$286,313	$72	100%		($46,313)	$240,000
5	A018	PPO Basic	$222,136	$273,492	$728	$274,219	$52,084	100%		($34,219)	$240,000
6	A012	EPO Plus	$266,205	$266,205	$1,870	$268,075	$1,870	100%		($28,075)	$240,000
7	A003	PPO Basic		$248,516	$399	$248,916	$248,916	100%		($8,916)	$240,000
8	A013	EPO Plus	$223,377	$216,167	$16,401	$232,568	$9,191	97%			$232,568
9	A019	PPO Plus	$220,835	$218,115	$5,866	$223,981	$3,146	93%			$223,981
10	A020	PPO Plus	$194,572	$194,797		$194,797	$225	81%			$194,797
11	A006	PPO Basic	$165,933	$169,838	$18,465	$188,303	$22,369	78%			$188,303
12	A002	PPO Plus		$174,321		$174,321	$174,321	73%			$174,321
13	A017	PPO Basic	$140,015		$155,993	$155,993	$15,978	65%			$155,993
14	A001	PPO Plus	$149,059	$149,059		$149,059	$0	62%			$149,059
15	A005	HDHP Basic	$125,979	$140,387	$8,621	$149,008	$23,029	62%			$149,008
16	A015	PPO Plus	$144,309	$136,960	$7,349	$144,309	$0	60%			$144,309
17	A011	HDHP Basic	$134,757	$134,841		$134,841	$85	56%			$134,841

Pinal County
Aetna - Large Loss Claims Report Over $100k
2021-2022 Plan Year: Processed July 2021 through June 2022

Claimant	Unique ID	Plan	Prior Month's Paid Claims	Current Month's Paid Claims		Current Month's Paid Claims	Change from Prior Paid Claims	% of $240K ISL*	% of $200K Aggregating Specific Limit**	Stop Loss Reimburse-ments	Net Paid after SL Reimburse-ments
				Medical	Pharmacy						
18	A021	PPO Plus		$130,151		$130,151	$130,151	54%			$130,151
19	A022	EPO Basic	$128,339	$128,285		$128,285	($53)	53%			$128,285
20	A023	HDHP Plus	$114,295	$114,978		$114,978	$683	48%			$114,978
21	A025	HDHP Plus			$111,615	$111,615	$111,615	47%			$111,615
22	A024	PPO Plus	$102,037	$102,037		$102,037	$0	43%			$102,037
23	A014	PPO Plus		$101,584		$101,584	$101,584	42%			$101,584
		Grand Total	$3,684,890	$4,193,604	$639,591	$4,833,195	$1,148,305			($517,364)	$4,315,831
			Large Claims % of Total Paid Claims			27.4%					

Green highlight indicates new claimant.

*ISL is the Individual Stop Loss Limit set at $240K.
**IAD (Aggregating Specific) Stop Loss Limit is set at $200K

Dental Reports

Pinal County

Delta Dental Paid Claims

Plan Year: July 2021 to June 2022 (as of June 2022)

All Plans - Basic Plan and Buy-Up Plan							
Month	Enrollment	Claim Count	Estimated Claims Liability	Admin Fee	Dental Paid Claims	% Actual Claims vs. Estimated Claims Liability	Paid Claims PEPM
Jul-21	1,707	301	$125,618	$6,179	$45,692	36.4%	$26.77
Aug-21	1,700	718	$125,103	$6,154	$155,068	124.0%	$91.22
Sep-21	1,700	670	$125,103	$6,154	$95,032	76.0%	$55.90
Oct-21	1,705	519	$125,471	$6,172	$98,422	78.4%	$57.73
Nov-21	1,705	565	$125,471	$6,172	$92,925	74.1%	$54.50
Dec-21	1,728	546	$127,164	$6,255	$88,641	69.7%	$51.30
Jan-22	1,727	498	$127,090	$6,252	$88,359	69.5%	$51.16
Feb-22	1,715	609	$126,207	$6,208	$97,609	77.3%	$56.91
Mar-22	1,706	683	$125,545	$6,179	$118,069	94.0%	$69.21
Apr-22	1,697	537	$124,882	$6,143	$103,529	82.9%	$61.01
May-22	1,697	587	$124,882	$6,147	$111,377	89.2%	$65.63
Jun-22	1,709	612	$125,765	$6,187	$108,360	86.2%	$63.41
Total	**20,496**	**6,845**	**$1,508,301**	**$74,203**	**$1,203,082**	**79.8%**	**$58.70**
Average Enrollment	**1,708**						

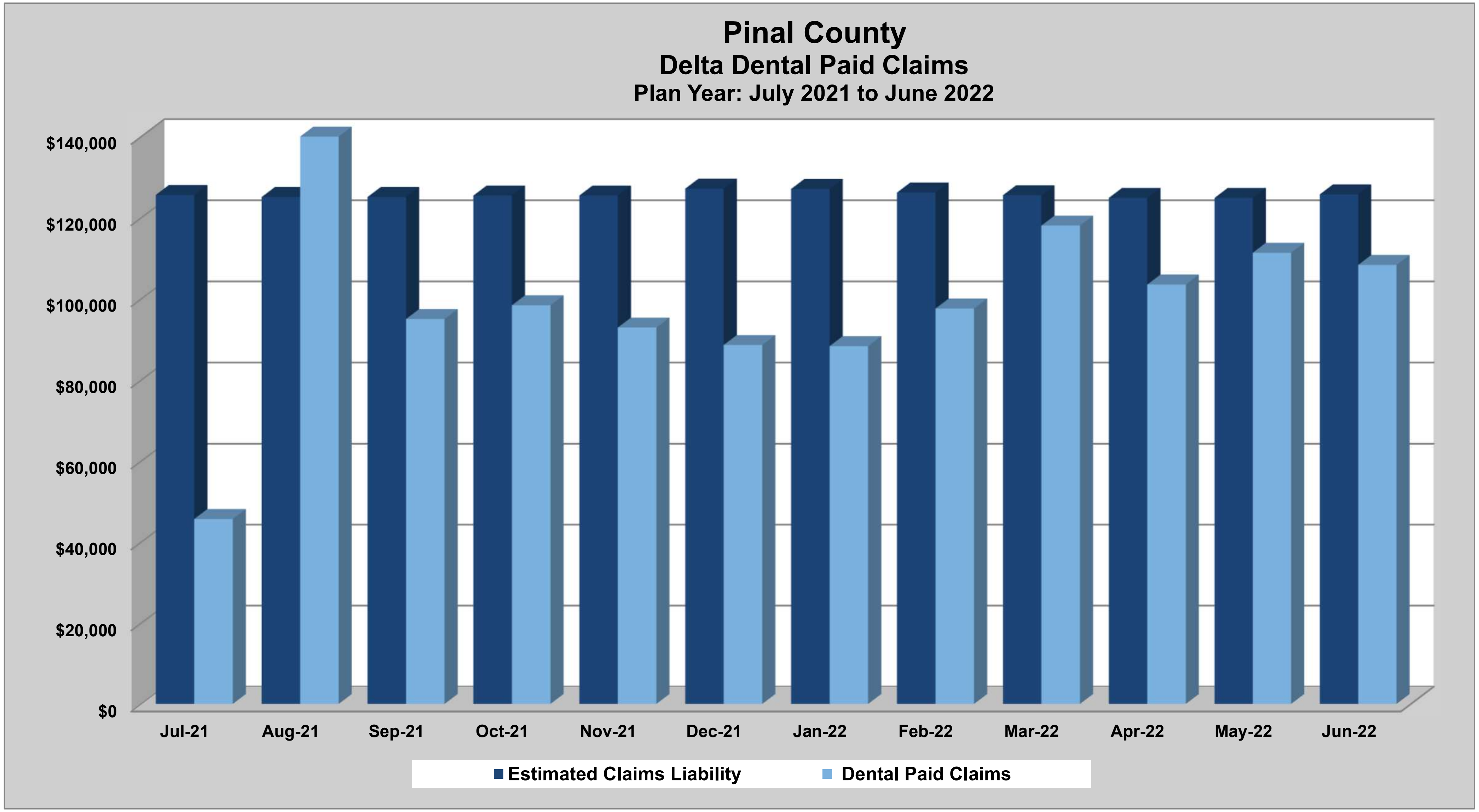
Admin Fees	Employee
Administration	$3.62

Claim Expenses	
Estimated Claim Factor	$73.59

Pinal County
Delta Dental Paid Claims
Plan Year: July 2021 to June 2022 (as of June 2022)

Basic Plan							
Month	Enrollment	Claim Count	Estimated Claims Liability	Admin Fee	Dental Paid Claims	% Actual Claims vs. Estimated Claims Liability	Paid Claims PEPM
Jul-21	375	53	$27,596	$1,358	$7,501	27.2%	$20.00
Aug-21	374	152	$27,523	$1,354	$33,839	122.9%	$90.48
Sep-21	372	129	$27,375	$1,347	$19,559	71.4%	$52.58
Oct-21	377	84	$27,743	$1,365	$14,767	53.2%	$39.17
Nov-21	377	110	$27,743	$1,365	$19,441	70.1%	$51.57
Dec-21	384	114	$28,259	$1,390	$17,315	61.3%	$45.09
Jan-22	386	96	$28,406	$1,397	$16,397	57.7%	$42.48
Feb-22	384	122	$28,259	$1,390	$19,565	69.2%	$50.95
Mar-22	389	153	$28,627	$1,412	$29,258	102.2%	$75.21
Apr-22	385	90	$28,332	$1,394	$16,070	56.7%	$41.74
May-22	383	99	$28,185	$1,390	$15,407	54.7%	$40.23
Jun-22	388	131	$28,553	$1,405	$24,047	84.2%	$61.98
Total	**4,574**	**1,333**	**$336,601**	**$16,565**	**$233,163**	**69.3%**	**$50.98**
Average	**381**						

Buy-Up Plan							
Month	Enrollment	Claim Count	Estimated Claims Liability	Admin Fee	Dental Paid Claims	% Actual Claims vs. Estimated Claims Liability	Paid Claims PEPM
Jul-21	1,332	248	$98,022	$4,822	$38,191	39.0%	$28.67
Aug-21	1,326	566	$97,580	$4,800	$121,230	124.2%	$91.43
Sep-21	1,328	541	$97,728	$4,807	$75,473	77.2%	$56.83
Oct-21	1,328	435	$97,728	$4,807	$83,655	85.6%	$62.99
Nov-21	1,328	455	$97,728	$4,807	$73,485	75.2%	$55.33
Dec-21	1,344	432	$98,905	$4,865	$71,326	72.1%	$53.07
Jan-22	1,341	402	$98,684	$4,854	$71,962	72.9%	$53.66
Feb-22	1,331	487	$97,948	$4,818	$78,044	79.7%	$58.64
Mar-22	1,317	530	$96,918	$4,768	$88,811	91.6%	$67.43
Apr-22	1,312	447	$96,550	$4,749	$87,459	90.6%	$66.66
May-22	1,314	488	$96,697	$4,757	$95,970	99.2%	$73.04
Jun-22	1,321	481	$97,212	$4,782	$84,313	86.7%	$63.83
Total	**15,922**	**5,512**	**$1,171,700**	**$57,638**	**$969,919**	**82.8%**	**$60.92**
Average	**1,327**						


Pinal County
Delta Dental Paid Claims
Plan Year: July 2021 to June 2022
$140,000
$120,000
$100,000
$80,000
$60,000
$40,000
$20,000
$0
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Estimated Claims Liability
Dental Paid Claims

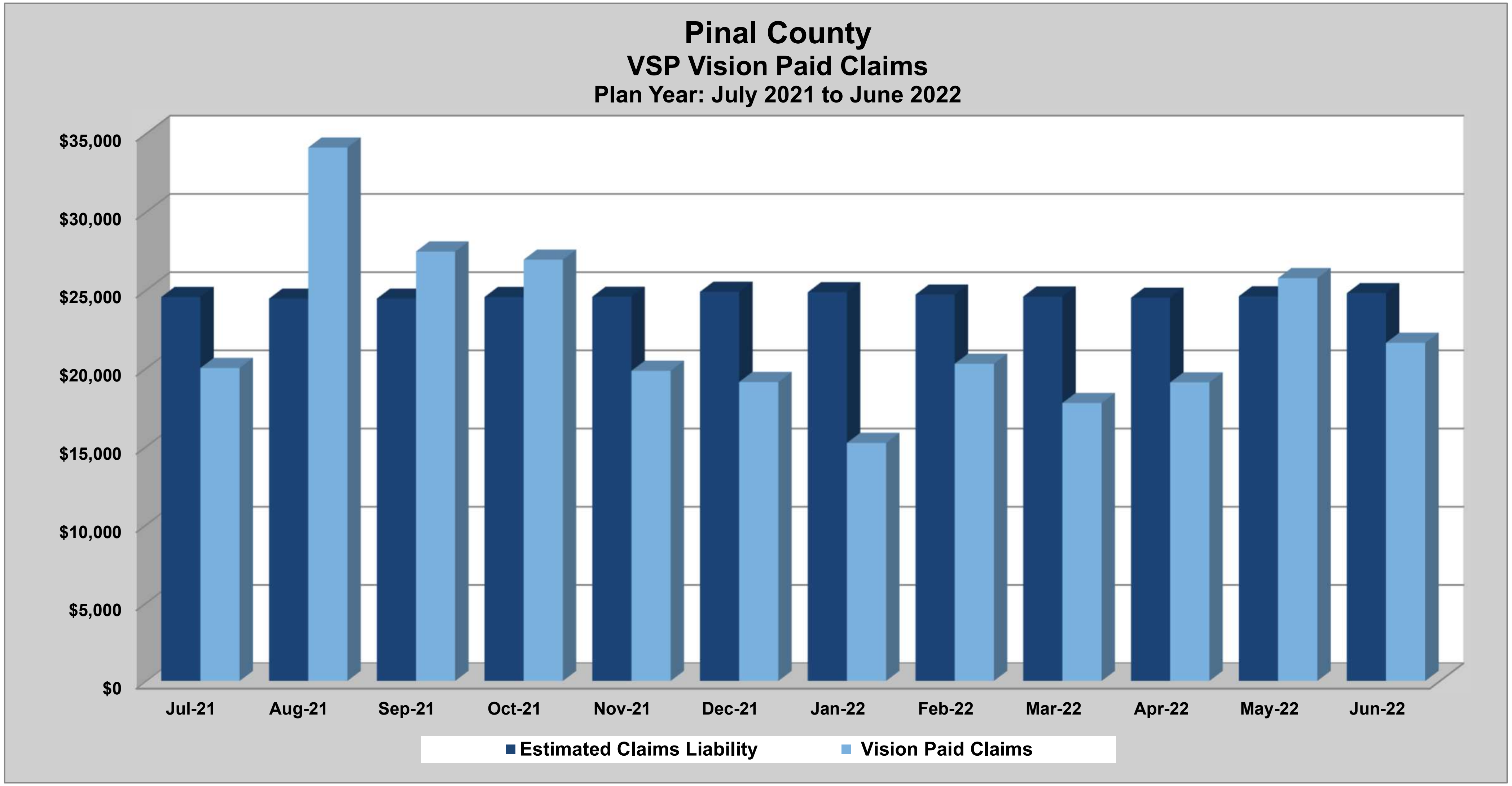
Vision Reports

Pinal County
VSP Vision Paid Claims
Plan Year: July 2021 to June 2022 (as of June 2022)

VSP							
Month	Enrollment	Claim Count	Estimated Claims Liability	Admin Fee Including Adjustments	Vision Paid Claims	% Actual Claims vs. Estimated Claims Liability	Paid Claims PEPM
Jul-21	1,618	168	$24,545	$2,710	$20,009	81.5%	$12.37
Aug-21	1,611	246	$24,439	$2,699	$34,097	139.5%	$21.17
Sep-21	1,611	208	$24,439	$2,698	$27,452	112.3%	$17.04
Oct-21	1,618	218	$24,545	$2,709	$26,933	109.7%	$16.65
Nov-21	1,619	166	$24,560	$2,711	$19,824	80.7%	$12.24
Dec-21	1,640	142	$24,879	$2,744	$19,112	76.8%	$11.65
Jan-22	1,638	135	$24,848	$2,740	$15,219	61.2%	$9.29
Feb-22	1,628	156	$24,697	$2,723	$20,275	82.1%	$12.45
Mar-22	1,620	150	$24,575	$2,706	$17,768	72.3%	$10.97
Apr-22	1,615	162	$24,500	$2,699	$19,084	77.9%	$11.82
May-22	1,621	196	$24,591	$2,710	$25,752	104.7%	$15.89
Jun-22	1,634	190	$24,788	$2,732	$21,616	87.2%	$13.23
Total	**19,473**	**2,137**	**$295,405**	**$32,580**	**$267,141**	**90.4%**	**$13.72**
Average Enrollment	**1,623**						

Admin Fees	
Administration	$1.60

Claim Expenses	
Estimated Claim Factor	$15.17


Pinal County
VSP Vision Paid Claims
Plan Year: July 2021 to June 2022
$35,000
$30,000
$25,000
$20,000
$15,000
$10,000
$5,000
$0
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Estimated Claims Liability
Vision Paid Claims

Pinal County

Medical, Pharmacy, Dental and Vision Unpaid Claim Reserve Valuation

For a June 30, 2022 Valuation Date

Completed September 2022

Presented by:
CBIZ Benefits & Insurance Services, Inc.
5450 Frantz Road, Suite 300
Dublin, OH 43016
Telephone: (614) 793-7770

Table of Contents

Section 1: Actuarial Certification

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

I. OVERVIEW

A. I, David S. Rubadue, FSA, MAAA am associated with the consulting firm CBIZ, Inc. and have been requested by Pinal County to render an opinion in regard to Pinal County's incurred but not paid (IBNP) reserves as of June 30, 2022 for their self funded medical, prescription drug, dental and vision plans.

Pinal County provides medical, prescription drug, dental and vision coverage through a self funded plan which is administered by Aetna, CVS/Employers Health, Delta Dental and VSP. In the determination of the IBNP reserves, claim lag data, enrollment data, and paid claim data were received.

B. Conformity to Standards of Practice: Actuarial methods, considerations and analyses used in the preparation of this report conform to the appropriate Standards of Practice as promulgated by the Actuarial Standards Board, which standards form the basis of this opinion.

II. RELIANCES AND LIMITATIONS

I have relied on Aetna, CVS/Employers Health, Delta Dental and VSP for the accuracy and completeness of membership, paid claims by incurred date, and for other information underlying reserves and other actuarial items examined. I did perform testing to verify the accuracy and consistency of data.

III. REFERENCE TABLES ATTACHED

Attached are the following documents:

A. Summary of IBNP estimate results (Section 2)

B. Claim lag tables and the model's (development method) algorithms supporting the estimated results, including month by month enrollment (Section 3)

C. Aetna, CVS/Employers Health, Delta Dental and VSP claim lag tables and paid claim reports and individual large claim reports from BCBS of AZ (Section 4)

It should be noted the lag tables provided to CBIZ were used for the purpose of analysis and model development. Many estimates are derived from the lag tables following the development method and other methods. Ranges were developed based on the various estimates. Though not guaranteed, actual results are anticipated to fall within this range of estimates.

IV. ASSETS

A. I have not reviewed Pinal County's Assets.

V. RESULTS

Current valuation (as of June 30, 2022)

	Claim IBNP Estimates	Claims Processed But Not Cleared Bank Account	Administration Expenses of Runout Claims	[1]Total
Medical	$2,420,000	$247,900	$0	$2,667,900
Pharmacy	$5,500	$36,400	$0	$41,900
Dental	$66,000	$98,900	$0	$164,900
Vision	$11,550	$22,000	$0	$33,550
Total	$2,503,050	$405,200	$0	$2,908,250

[1] No adjustments were made to the IBNP for pharmacy rebates due at June 30, 2022 but not yet received as well as provider incentive payments earned but not yet paid, stop loss recoverables due but not received, and any out of network percentage of savings payments on run-out claims.

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

In making the estimation, CBIZ relied upon the following information:

*Note: the run-off claims excludes float.

- Paid claim lag reports
- Monthly enrollment reports
- Large claim reports
- Administrative and stop loss data

This information was provided from Pinal County's claim payers, Aetna, CVS/Employers Health, Delta Dental and VSP, as well as from Pinal County. Full reliance on the accuracy of this data was placed on these parties.

Other information pertinent to the claim valuation was requested from Pinal County and/or Aetna, CVS/Employers Health, Delta Dental and VSP. Information of note is as follows:

- Monthly backlog and lost workdays: None reported.
- Claims in the course of settlement: None reported.
- Individual large claim adjustment estimate: The lag was adjusted to remove $512,052 exceeding the current individual stop loss deductible of $240,000 + a $200,000 Agg. Specific.
- Contractual arrangements: Estimated Aetna, CVS/Employers Health, Delta Dental and VSP would process run-out medical, prescription drug, dental and vision claims with no additional administration termination fee.
- Liability for legal fees or consulting fees related to claim investigation and settlement: None reported.
- Definition of incurred date: Date of service.
- Claim system conversion and/or other conversions: None reported.
- Speed of payment for medical : At 2.079 months of estimated unpaid medical claims (based on 12 month harmonic).
- Claims processed but not cleared bank account: Accounts for the lag between when a claim is reported as paid by the vendor versus actual physical withdrawal from Pinal County's bank account — also called "float." For Pinal County, **medical and pharmacy "float" were assumed to be seven and three days of average paid claims, respectively. Dental and vision "float" was estimated at one month of average paid claims**.
- NO ADJUSTMENTS were made to the IBNP for pharmacy rebates due at June 30, 2022 but not yet received as well as provider incentive payments earned but not yet paid, stop loss recoverables due but not received, and any out of network percentage of savings payments on run-out claims.
- The trend rate for medical and Rx was increased by 1.5% to account for the high inflation.
- A risk margin was set at 10% and applied to our reserve best estimate for Medical and Dental to account for uncertainties and fluctuations related to COVID (we usually use 5%).

VI. CONCLUSION

The conclusions drawn in this report are based on the assumptions outlined. There is no guarantee Pinal County's actual experience will match the estimates as provided.

In forming this opinion, actuarial methods, considerations, and analysis used in the preparation of this report conform to the appropriate Standards of Practice as adopted by the Actuarial Standards Board, as of the date of this report, which standards are the basis of this report.

David S. Rubadue, FSA, MAAA
Consulting Actuary
CBIZ, Inc.
September 14, 2022

Section 2: Final Claim Reserve Estimate

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

Medical, Pharmacy, Dental and Vision Reserve Estimates

I. MEDICAL CLAIM IBNP RESERVE CALCULATION:

	Reserve Valuation Method Description	Reserve Estimate	Reinsurance Recoverable	Total
1 .	Harm3/Man12	$2,274,077	1.00	$2,274,077
2 .	Harm3/Man6	$2,166,480	1.00	$2,166,480
3 .	6 mos avg paid claims x Harm12 mos unpaid	$2,737,219 2.079	1.00	$2,737,219
4 .	6 mos avg paid claims x Harm6 mos unpaid	$2,535,730 1.926	1.00	$2,535,730
5 .	12 mos avg paid claims x Harm12 mos unpaid	$2,239,950 2.079	1.00	$2,239,950
6 .	12 mos avg paid claims x Harm6 mos unpaid	$2,075,065 1.926	1.00	$2,075,065
7 .	Loss Ratio Method			$2,050,909

Expected Medical Claims PEPM $797.41
(Avg. Paid Claims from Oct 21 to Jun 22)

	Enrollment	Expected Trended PEPM	Expected Claims	Incurred Claims (Unadjusted)	Reserves
Jul-21	1,629	$755.60	$1,230,867	$1,182,688	$48,179
Aug-21	1,632	$761.04	$1,242,022	$1,245,660	-$3,638
Sep-21	1,632	$766.53	$1,250,973	$1,247,390	$3,583
Oct-21	1,642	$772.05	$1,267,710	$1,118,756	$148,954
Nov-21	1,636	$777.62	$1,272,181	$1,012,828	$259,353
Dec-21	1,655	$783.22	$1,296,231	$1,366,688	-$70,457
Jan-22	1,656	$788.87	$1,306,362	$997,168	$309,194
Feb-22	1,651	$794.55	$1,311,805	$1,532,920	-$221,115
Mar-22	1,639	$800.28	$1,311,656	$1,278,229	$33,427
Apr-22	1,637	$806.05	$1,319,498	$1,212,956	$106,542
May-22	1,640	$811.86	$1,331,443	$834,297	$497,146
Jun-22	1,652	$817.71	$1,350,852	$411,112	$939,740
				Total	$2,050,909

8 . Average of 7 methods $2,297,061

9 . Prior months runoff claims

	Enrollment	Runoff Medical	Harm12/Man12 Remaining Reserve	Total Estimated Runoff	High and Low
Jun 22	1,652	$0	$2,166,480	$2,166,480	
May 22	1,640	$1,082,616	$1,226,771	$2,309,386	
Apr 22	1,637	$1,454,448	$737,146	$2,191,594	
Mar 22	1,639	$1,731,545	$541,496	$2,273,040	
Feb 22	1,651	$2,228,717	$375,129	$2,603,845	High
Jan 22	1,656	$1,904,293	$227,939	$2,132,232	
Dec 21	1,655	$1,854,982	$162,129	$2,017,111	
Nov 21	1,636	$1,790,458	$90,624	$1,881,082	Low
Oct 21	1,642	$2,127,824	$60,151	$2,187,975	
Sep 21	1,632	$2,204,746	$28,240	$2,232,986	
Aug 21	1,632	$1,736,801	$10,006	$1,746,807	
Jul 21	1,629	$854,833	$0	$854,833	

10 .	Claim Reserve Relative Range:		$2,000,000	to	$2,700,000
11 .	Medical Claims IBNP Reserve Estimate:		$2,200,000		
	Estimate With Margin:	1.10	$2,420,000		
12 .	Medical Claims Processed But Not Cleared Bank Account (Float)		$247,900		7 *7 day estimate*
13 .	Administration Expenses of Run-off Claims (Rounded):		$0	*Admin Service fees are mature*	
14 .	Final Total Medical Reserve Estimate:		**$2,667,900**		

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

Medical, Pharmacy, Dental and Vision Reserve Estimates

I. RX CLAIM IBNP RESERVE CALCULATION:

	Reserve Valuation Method Description	Reserve Estimate	Reinsurance Recoverable	Total
1 .	Harm3/Man12	$5,323	1.00	$5,323
2 .	Harm3/Man6	$5,323	1.00	$5,323
3 .	6 mos avg paid claims x Harm12 mos unpaid	$5,260 0.013	1.00	$5,260
4 .	6 mos avg paid claims x Harm6 mos unpaid	$4,145 0.010	1.00	$4,145
5 .	12 mos avg paid claims x Harm12 mos unpaid	$4,896 0.013	1.00	$4,896
6 .	12 mos avg paid claims x Harm6 mos unpaid	$3,858 0.010	1.00	$3,858
7 .	Average of 6 methods			$4,801
8 .	Loss Ratio Method			
9 .	Prior months runoff claims			

	Enrollment	Runoff Rx	Harm12/Man12 Remaining Reserve	Total Estimated Runoff	High and Low
Jun 22	1,652	$0	$5,323	$5,323	
May 22	1,640	$3,642	$3,227	$6,869	
Apr 22	1,637	$2,580	$2,119	$4,700	
Mar 22	1,639	$2,837	$1,221	$4,057	
Feb 22	1,651	$4,277	$960	$5,237	
Jan 22	1,656	$1,839	$784	$2,623	
Dec 21	1,655	$658	$555	$1,214	Low
Nov 21	1,636	$1,117	$371	$1,488	
Oct 21	1,642	$1,630	$206	$1,836	
Sep 21	1,632	$8,435	$93	$8,528	High
Aug 21	1,632	$1,403	$48	$1,451	
Jul 21	1,629	$5,697	$0	$5,697	

10 .	Claim Reserve Relative Range:		$1,500	to	$8,000
11 .	Rx Claims IBNP Reserve Estimate:		$5,000		
	Estimate With Margin:	1.10	$5,500		
12 .	Rx Claims Processed But Not Cleared Bank Account (Float)		$36,400	3	*3 day estimate*
13 .	Administration Expenses of Run-off Claims (Rounded):		$0	*No additional cost*	
14 .	Final Total \Rx Reserve Estimate:		**$41,900**		

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

Medical, Pharmacy, Dental and Vision Reserve Estimates

III. DENTAL CLAIM IBNP RESERVE CALCULATION:

	Reserve Valuation Method Description	Reserve Estimate	Reinsurance Recoverable	Total
1 .	Harm3/Man12	$61,802	1.00	$61,802
2 .	Harm3/Man6	$59,119	1.00	$59,119
3 .	6 mos avg paid claims x Harm12 mos unpaid	$73,924 0.707	1.00	$73,924
4 .	6 mos avg paid claims x Harm6 mos unpaid	$71,374 0.683	1.00	$71,374
5 .	12 mos avg paid claims x Harm12 mos unpaid	$70,888 0.707	1.00	$70,888
6 .	12 mos avg paid claims x Harm6 mos unpaid	$68,443 0.683	1.00	$68,443
7 .	Average of 6 methods			$67,592

8 . Prior months runoff claims

	Enrollment	Runoff Dental	Harm12/Man12 Remaining Reserve	Total Estimated Runoff	High and Low
Jun 22	1,709	$0	$59,119	$59,119	
May 22	1,697	$22,171	$26,110	$48,280	*Low*
Apr 22	1,697	$38,639	$16,971	$55,610	
Mar 22	1,706	$50,543	$11,535	$62,078	
Feb 22	1,715	$64,568	$7,400	$71,968	
Jan 22	1,727	$63,724	$4,590	$68,314	
Dec 21	1,728	$68,715	$2,523	$71,238	
Nov 21	1,705	$62,979	$1,088	$64,067	
Oct 21	1,705	$63,155	$394	$63,549	
Sep 21	1,700	$60,811	$203	$61,013	
Aug 21	1,700	$49,317	$0	$49,317	
Jul 21	1,707	$86,312	$0	$86,312	*High*

9 .	Claim Reserve Relative Range:		$40,000	to	$85,000
10 .	Dental Claims IBNP Reserve Estimate:		$60,000		
	Estimate With Margin:	1.10	$66,000		
11 .	Dental Claims Processed But Not Cleared Bank Account (Float)		$98,900	30	*30 day estimate*
12 .	Administration Expenses of Run-off Claims (Rounded):		$0	*No additional cost*	
13 .	Final Total Dental Reserve Estimate:		**$164,900**		

IV. VISION CLAIM IBNP RESERVE CALCULATION:

	Reserve Valuation Method Description	Reserve Estimate	Reinsurance Recoverable	Total
1 .	Harm3/Man12	$11,379	1.00	$11,379
2 .	Harm3/Man6	$7,994	1.00	$7,994
3 .	6 mos avg paid claims x Harm12 mos unpaid	$10,366 0.520	1.00	$10,366
4 .	6 mos avg paid claims x Harm6 mos unpaid	$10,549 0.529	1.00	$10,549
5 .	12 mos avg paid claims x Harm12 mos unpaid	$11,565 0.520	1.00	$11,565
6 .	12 mos avg paid claims x Harm6 mos unpaid	$11,770 0.529	1.00	$11,770
7 .	Average of 6 methods			$10,604

8 . Prior months runoff claims

	Enrollment	Runoff Vision	Harm12/Man12 Remaining Reserve	Total Estimated Runoff	High and Low
Jun 22	1,634	$0	$7,994	$7,994	
May 22	1,621	$7,337	$1,049	$8,386	
Apr 22	1,615	$12,506	$337	$12,843	
Mar 22	1,620	$9,302	$166	$9,468	
Feb 22	1,628	$10,029	$88	$10,117	
Jan 22	1,638	$11,089	$13	$11,102	
Dec 21	1,640	$7,820	$0	$7,820	*Low*
Nov 21	1,619	$11,546	$0	$11,546	
Oct 21	1,618	$8,814	$0	$8,814	
Sep 21	1,611	$14,430	$0	$14,430	
Aug 21	1,611	$16,694	$0	$16,694	
Jul 21	1,618	$17,547	$0	$17,547	*High*

9 .	Claim Reserve Relative Range:		$7,000	to	$17,000
10 .	Vision Claims IBNP Reserve Estimate:		$11,000		
	Estimate With Margin:	1.05	$11,550		
11 .	Vision Claims Processed But Not Cleared Bank Account (Float)		$22,000		30 *30 day estimate*
12 .	Administration Expenses of Run-off Claims (Rounded):		$0	*No additional cost*	
13 .	Final Total Vision Reserve Estimate:		**$33,550**		

V. FINAL MEDICAL, PHARMACY, DENTAL AND VISION RESERVE ESTIMATE AT JUNE 30, 2022:

1. Final Medical Claim IBNP Reserve Estimate	$2,420,000
2. Final Pharmacy Claim IBNP Reserve Estimate	$5,500
2. Final Dental Claim IBNP Reserve Estimate	$66,000
3. Final Vision Claim IBNP Reserve Estimate	$11,550
4. Medical Claims Processed But Not Cleared Bank Account	$247,900
5. Pharmacy Claims Processed But Not Cleared Bank Account	$36,400
6. Dental Claims Processed But Not Cleared Bank Account	$98,900
7. Vision Claims Processed But Not Cleared Bank Account	$22,000
8. Est. Administration Expenses on Medical Run-off Claims (Rounded)	$0
9. Est. Administration Expenses on Pharmacy Run-off Claims (Rounded)	$0
10. Est. Administration Expenses on Dental Run-off Claims (Rounded)	$0
11. Est. Administration Expenses on Vision Run-off Claims (Rounded)	$0
12. Final Reserve Estimate	$2,908,250

Pinal County

Claim Reserve Valuation Estimates as of June 30, 2022

Reserve Developments Using Harm 12/Man 12 Model

I. MEDICAL RESERVE USING HARM12/MAN12 MODEL

Enrollment (Subscribers)	Valuation Date	Paid on Incurred	Remaining Reserve	Ultimate Incurred Claims	Per Subscriber
1,629	Jul-21	$915,563	$0	$915,563	$562
1,632	Aug-21	$1,245,660	$10,006	$1,255,666	$769
1,632	Sep-21	$1,247,390	$18,234	$1,265,624	$776
1,642	Oct-21	$1,118,756	$31,911	$1,150,667	$701
1,636	Nov-21	$990,165	$30,473	$1,020,638	$624
1,655	Dec-21	$1,366,688	$71,505	$1,438,193	$869
1,656	Jan-22	$997,168	$65,810	$1,062,978	$642
1,651	Feb-22	$1,432,901	$147,190	$1,580,091	$957
1,639	Mar-22	$1,155,984	$166,367	$1,322,351	$807
1,637	Apr-22	$1,212,956	$195,651	$1,408,607	$860
1,640	May-22	$834,297	$489,624	$1,323,921	$807
1,652	Jun-22	$411,112	$939,710	$1,350,822	$818
19,701	**Last 12 Months**	**$12,928,640**	**$2,166,480**	**$15,095,121**	**$766**

II. PHARMACY RESERVE USING HARM12/MAN12 MODEL

Enrollment (Subscribers)	Valuation Date	Paid on Incurred	Remaining Reserve	Ultimate Incurred Claims	Per Subscriber
1,629	Jul-21	$266,155	$0	$266,155	$163
1,632	Aug-21	$321,245	$48	$321,294	$197
1,632	Sep-21	$299,241	$45	$299,286	$183
1,642	Oct-21	$392,233	$113	$392,346	$239
1,636	Nov-21	$372,408	$165	$372,573	$228
1,655	Dec-21	$399,786	$184	$399,970	$242
1,656	Jan-22	$423,918	$229	$424,147	$256
1,651	Feb-22	$314,902	$176	$315,078	$191
1,639	Mar-22	$388,626	$261	$388,887	$237
1,637	Apr-22	$411,647	$899	$412,546	$252
1,640	May-22	$407,064	$1,108	$408,172	$249
1,652	Jun-22	$433,374	$2,096	$435,470	$264
19,701	**Last 12 Months**	**$4,430,599**	**$5,323**	**$4,435,923**	**$225**

II. DENTAL RESERVE USING HARM12/MAN12 MODEL

Enrollment (Subscribers)	Valuation Date	Paid on Incurred	Remaining Reserve	Ultimate Incurred Claims	Per Subscriber
1,707	Jul-21	$132,004	$0	$132,004	$77
1,700	Aug-21	$118,073	$0	$118,073	$69
1,700	Sep-21	$106,526	$203	$106,728	$63
1,705	Oct-21	$100,766	$192	$100,957	$59
1,705	Nov-21	$92,749	$694	$93,443	$55
1,728	Dec-21	$94,376	$1,435	$95,811	$55
1,727	Jan-22	$83,368	$2,067	$85,435	$49
1,715	Feb-22	$98,452	$2,810	$101,262	$59
1,706	Mar-22	$104,045	$4,135	$108,179	$63
1,697	Apr-22	$91,625	$5,436	$97,061	$57
1,697	May-22	$94,909	$9,139	$104,047	$61
1,709	Jun-22	$86,190	$33,009	$119,199	$70
20,496	**Last 12 Months**	**$1,203,082**	**$59,119**	**$1,262,201**	**$62**

IV. VISION RESERVE USING HARM12/MAN12 MODEL

Enrollment (Subscribers)	Valuation Date	Paid on Incurred	Remaining Reserve	Ultimate Incurred Claims	Per Subscriber
1,618	Jul-21	$37,556	$0	$37,556	$23
1,611	Aug-21	$33,244	$0	$33,244	$21
1,611	Sep-21	$25,188	$0	$25,188	$16
1,618	Oct-21	$21,318	$0	$21,318	$13
1,619	Nov-21	$22,556	$0	$22,556	$14
1,640	Dec-21	$15,387	$0	$15,387	$9
1,638	Jan-22	$18,489	$13	$18,502	$11
1,628	Feb-22	$19,216	$75	$19,291	$12
1,620	Mar-22	$17,042	$78	$17,120	$11
1,615	Apr-22	$22,289	$172	$22,461	$14
1,621	May-22	$20,582	$711	$21,293	$13
1,634	Jun-22	$14,280	$6,945	$21,225	$13
19,473	**Last 12 Months**	**$267,147**	**$7,994**	**$275,141**	**$14**

Harmonic and Arithmetic Averages

In this example, there are 6 completion ratio (CR) estimates

	1	2	3	4	5	6	Arithmetic Average	Harmonic Average
Completion Ratios	0.23	0.4	0.3	0.05	0.12	0.4	0.250	0.146

.

The Harmonic Average = n/(1/CR1+1/CR2+…..1/Corn) => in the illustration, n is 6.

The Arithmetic Average = (CR1 + CR2 + CR3 +….)/n => in the illustration, n is 6.

The harmonic provides a more conservative estimate, e.g., it indirectly puts more weight on the .05 completion ratio. This leads to a bit more conservative reserve estimated.

Please note that the completion ratio is the portion of ultimate incurred claims completed at a particular time period. For example, after 12 months of Run-Off, the CR generally is equal to 1.0.

If all Completion Ratios are the same, there is no difference between the Arithmetic and Harmonic - see below:

	1	2	3	4	5	6	Arithmetic Average	Harmonic Average
Completion Ratios	0.23	0.23	0.23	0.23	0.23	0.23	0.230	0.230

Section 3:   Claim Lag Reports

Pinal County

Triangulation Report
Medical
Incurred: 7/1/21 - 6/30/22

Valuation date: 6/30/2022
ISL deductible: $240,000
ASL deductible: $200,000
Annual trend: 9.0% Segal Survey + Inflation
Claims exceeding $250,000 removed from lag: $512,052

INCURRED MONTH →

PAID MONTH ↓	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Cross Check to Paid Claim Rpt	Cummulative Paid Claims Rolling 12 Mos	
													1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Subscribers													1,629	1,632	1,632	1,642	1,636	1,655	1,656	1,651	1,639	1,637	1,640	1,652			
Jul-21																									0	0	Jul-21
Aug-21																									0	0	Aug-21
Sep-21																									0	0	Sep-21
Oct-21																									0	0	Oct-21
Nov-21																									0	0	Nov-21
Dec-21																									0	0	Dec-21
Jan-22																									0	0	Jan-22
Feb-22																									0	0	Feb-22
Mar-22																									0	0	Mar-22
Apr-22																									0	0	Apr-22
May-22																									0	0	May-22
Jun-22																									0	0	Jun-22
Jul-21													60,730												60,730	60,730	Jul-21
Aug-21													231,954	131,738											363,692	424,422	Aug-21
Sep-21													283,144	353,419	142,882										779,445	1,203,867	Sep-21
Oct-21													75,932	585,762	421,594	112,390									1,195,678	2,399,545	Oct-21
Nov-21													72,281	48,964	520,665	510,457	175,164								1,327,531	3,727,076	Nov-21
Dec-21													40,985	64,158	77,494	344,605	374,358	400,564							1,302,164	5,029,240	Dec-21
Jan-22													29,599	51,206	18,823	78,641	157,536	435,089	176,963						947,857	5,977,097	Jan-22
Feb-22													11,144	35,140	44,866	44,953	63,226	294,262	498,919	115,968					1,108,478	7,085,575	Feb-22
Mar-22													40,198	176	36,240	10,164	135,186	90,482	206,853	798,538	335,319				1,653,156	8,738,731	Mar-22
Apr-22													56,394	4,762	(23,533)	10,052	9,848	76,600	17,499	477,612	673,766	187,053			1,490,053	10,228,784	Apr-22
May-22													5,906	(37,734)	3,338	7,353	6,000	38,563	38,061	30,778	142,690	666,994	304,180		1,206,129	11,434,913	May-22
Jun-22													7,296	8,069	5,021	141	68,847	31,128	58,873	10,005	4,209	358,909	530,117	411,112	1,493,728	**12,928,640**	Jun-22
Total	0	0	0	0	0	0	0	0	0	0	0	0	915,563	1,245,660	1,247,390	1,118,756	990,165	1,366,688	997,168	1,432,901	1,155,984	1,212,956	834,297	411,112	**12,928,640**		
PSPM	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	$562	$763	$764	$681	$605	$826	$602	$868	$705	$741	$509	$249			

I. ACTUAL RUNOFF CLAIM DEVELOPMENT

Run Off @	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Run Off Thru Valuation Date by Months	
Jul-21	0																								0	Jul-21
Aug-21	0	0																							0	Aug-21
Sep-21	0	0	0																						0	Sep-21
Oct-21	0	0	0	0																					0	Oct-21
Nov-21	0	0	0	0	0																				0	Nov-21
Dec-21	0	0	0	0	0	0																			0	Dec-21
Jan-22	0	0	0	0	0	0	0																		0	Jan-22
Feb-22	0	0	0	0	0	0	0	0																	0	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0																0	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0															0	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0														0	May-22
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0													0	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	854,833												854,833	Jul-21
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	622,879	1,113,922											1,736,801	Aug-21
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	339,735	760,503	1,104,508										2,204,746	Sep-21
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	263,803	174,741	682,914	1,006,366									2,127,824	Oct-21
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	191,522	125,777	162,249	495,909	815,001								1,790,458	Nov-21
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	150,537	61,619	84,755	151,304	440,643	966,124							1,854,982	Dec-21
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	120,938	10,413	65,932	72,663	283,107	531,035	820,205						1,904,293	Jan-22
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	109,794	(24,727)	21,066	27,710	219,881	236,773	321,286	1,316,933					2,228,717	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	69,596	(24,903)	(15,174)	17,546	84,695	146,291	114,433	518,395	820,665				1,731,545	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	13,202	(29,665)	8,359	7,494	74,847	69,691	96,934	40,783	146,899	1,025,903			1,454,448	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0	0	7,296	8,069	5,021	141	68,847	31,128	58,873	10,005	4,209	358,909	530,117		1,082,616	May-22
Jun-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Jun-22

II. CUMMULATIVE PAID BY INCURRED MONTH

---INCURRED MONTH---

-CUMMULATIVE- PAID	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	60,730	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	292,684	131,738	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	575,828	485,157	142,882	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	651,760	1,070,919	564,476	112,390	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	724,041	1,119,883	1,085,141	622,847	175,164	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	765,026	1,184,041	1,162,635	967,452	549,522	400,564	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	794,625	1,235,247	1,181,458	1,046,093	707,058	835,653	176,963	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	805,769	1,270,387	1,226,324	1,091,046	770,284	1,129,915	675,882	115,968	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	845,967	1,270,563	1,262,564	1,101,210	905,470	1,220,397	882,735	914,506	335,319	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	902,361	1,275,325	1,239,031	1,111,262	915,318	1,296,997	900,234	1,392,118	1,009,085	187,053	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	908,267	1,237,591	1,242,369	1,118,615	921,318	1,335,560	938,295	1,422,896	1,151,775	854,047	304,180	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	915,563	1,245,660	1,247,390	1,118,756	990,165	1,366,688	997,168	1,432,901	1,155,984	1,212,956	834,297	411,112

III. CUMMULATIVE PAID BY LAG MONTH

---INCURRED MONTH---

-PAID- LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
0	1	1	1	1	1	1	1	1	1	1	1	1	60,730	131,738	142,882	112,390	175,164	400,564	176,963	115,968	335,319	187,053	304,180	411,112
1	0	0	0	0	0	0	0	0	0	0	0	0	292,684	485,157	564,476	622,847	549,522	835,653	675,882	914,506	1,009,085	854,047	834,297	
2	0	0	0	0	0	0	0	0	0	0	0	0	575,828	1,070,919	1,085,141	967,452	707,058	1,129,915	882,735	1,392,118	1,151,775	1,212,956		
3	0	0	0	0	0	0	0	0	0	0	0	0	651,760	1,119,883	1,162,635	1,046,093	770,284	1,220,397	900,234	1,422,896	1,155,984			
4	0	0	0	0	0	0	0	0	0	0	0	0	724,041	1,184,041	1,181,458	1,091,046	905,470	1,296,997	938,295	1,432,901				
5	0	0	0	0	0	0	0	0	0	0	0	0	765,026	1,235,247	1,226,324	1,101,210	915,318	1,335,560	997,168					
6	0	0	0	0	0	0	0	0	0	0	0	0	794,625	1,270,387	1,262,564	1,111,262	921,318	1,366,688						
7	0	0	0	0	0	0	0	0	0	0	0	0	805,769	1,270,563	1,239,031	1,118,615	990,165							
8	0	0	0	0	0	0	0	0	0	0	0	0	845,967	1,275,325	1,242,369	1,118,756								
9	0	0	0	0	0	0	0	0	0	0	0	0	902,361	1,237,591	1,247,390									
10	0	0	0	0	0	0	0	0	0	0	0	0	908,267	1,245,660										
11	0	0	0	0	0	0	0	0	0	0	0	0	915,563											

IV. COMPLETION RATIOS BY LAG MONTH

-- COMPLETION RATIOS --

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
3	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
7	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
8	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
9	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
10	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
11	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
13	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
14	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
15	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
16	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!				
17	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					
18	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!						
19	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!							
20	0.0001	0.0001	0.0001	#DIV/0!								
21	0.0001	0.0001	0.0001									
22	0.0001	0.0001										
23	0.0001											

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	MODIFIED (For a 12 Month Lag Table) 12 MOS. HARMONIC CR(t)	6 MOS. HARMONIC CR(t)	3 MOS. HARMONIC CR(t)	12 MOS. AVG. CR(t)
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.2075	0.2715	0.2531	0.1804	0.3188	0.4793	0.2618	0.1268	0.3323	0.2190	0.3646		0.2431	0.2489	0.2908	0.2741
2	0.5083	0.4530	0.5202	0.6438	0.7772	0.7396	0.7657	0.6569	0.8761	0.7041			0.6378	0.7473	0.7346	0.6645
3	0.8835	0.9563	0.9333	0.9248	0.9179	0.9259	0.9806	0.9784	0.9964				0.9429	0.9529	0.9850	0.9441
4	0.9002	0.9458	0.9841	0.9588	0.8507	0.9409	0.9594	0.9930					0.9395	0.9454	0.9640	0.9416
5	0.9464	0.9585	0.9634	0.9908	0.9892	0.9711	0.9410						0.9655	0.9687	0.9667	0.9658
6	0.9628	0.9723	0.9713	0.9910	0.9935	0.9772							0.9779	0.9779	0.9872	0.9780
7	0.9862	0.9999	1.0190	0.9934	0.9305								0.9849	0.9849	0.9795	0.9858
8	0.9525	0.9963	0.9973	0.9999									0.9861	0.9861	0.9978	0.9865
9	0.9375	1.0305	0.9960										0.9865	0.9865	0.9865	0.9880
10	0.9935	0.9935											0.9935	0.9935	0.9935	0.9935
11	0.9920												0.9920	0.9920	0.9920	0.9920
12													1.0000	1.0000	1.0000	1.0000
13													1.0000	1.0000	1.0000	1.0000
14													1.0000	1.0000	1.0000	1.0000
15													1.0000	1.0000	1.0000	1.0000
16													1.0000	1.0000	1.0000	1.0000
17													1.0000	1.0000	1.0000	1.0000
18													1.0000	1.0000	1.0000	1.0000

V. COMPLETION FACTORS -- CF(t) = CR(t+1)CR(t+2)CR(t+3)....

-- COMPLETION FACTORS --

LAG(t)	12 MOS. HARMONIC CF(t)	MONTHS UNPAID	6 MOS. HARMONIC CF(t)	MONTHS UNPAID	3 MOS. HARMONIC CF(t)	MONTHS UNPAID	12 MOS. AVG. CF(t)	MONTHS UNPAID
0	0.1225	0.8775	0.1499	0.8501	0.1839	0.8161	0.1448	0.8552
1	0.5036	0.4964	0.6022	0.3978	0.6326	0.3674	0.5284	0.4716
2	0.7897	0.2103	0.8058	0.1942	0.8611	0.1389	0.7951	0.2049
3	0.8375	0.1625	0.8456	0.1544	0.8742	0.1258	0.8422	0.1578
4	0.8914	0.1086	0.8944	0.1056	0.9068	0.0932	0.8944	0.1056
5	0.9233	0.0767	0.9233	0.0767	0.9381	0.0619	0.9261	0.0739
6	0.9442	0.0558	0.9442	0.0558	0.9503	0.0497	0.9469	0.0531
7	0.9587	0.0413	0.9587	0.0413	0.9701	0.0299	0.9606	0.0394
8	0.9723	0.0277	0.9723	0.0277	0.9723	0.0277	0.9738	0.0262
9	0.9856	0.0144	0.9856	0.0144	0.9856	0.0144	0.9856	0.0144
10	0.9920	0.0080	0.9920	0.0080	0.9920	0.0080	0.9920	0.0080
11	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
12	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
13	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
14	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
15	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
16	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
17	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
18	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
19	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
20	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
21	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
22	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
23	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
AVG # OF MOS. UNPAID		2.0791		1.9260		1.7330		2.0100

VI. MEDICAL CLAIM RESERVE VALUATION -- METHODOLOGIES 1 - 6

LAG(t)	Month	Subs	Approx Dpdnts	Estimated (MM) Approx Mems	Paid on Incurred	(1) 3 Mos. Harm CF(t)	(2) Devel'd Ultimate Inc Clms	(3) Devel'd Ult Inc Clms/MM	(4) 6 Mo Avg Inc Clms/MM	(5) Season Factor	(6) 6 Mo Avg Inc Clms/MM	(7) Credibility Factor	(8) Adj. Ult. Inc Clms/MM	(9) Adj. Ult Inc Clms	(10) Estimated Reserve @ 6/30/2022	(11) Runoff at Each Month	(12) Est Res + Runoff
0	Jun-22	1,652	2,478	4,130	411,112	0.1839	2,235,272	541.23	327.08	1.00	327.08	0	327.08	1,350,822	939,710	NA	2,166,480
1	May-22	1,640	2,460	4,100	834,297	0.6326	1,318,926	321.69	324.73	1.00	324.73	0.6	322.91	1,323,921	489,624	1,082,616	2,309,386
2	Apr-22	1,637	2,456	4,093	1,212,956	0.8611	1,408,607	344.15	322.41	1.00	322.41	1	344.15	1,408,607	195,651	1,454,448	2,191,594
3	Mar-22	1,639	2,459	4,098	1,155,984	0.8742	1,322,351	322.68	320.10	1.00	320.10	1	322.68	1,322,351	166,367	1,731,545	2,273,040
4	Feb-22	1,651	2,477	4,128	1,432,901	0.9068	1,580,091	382.77	317.81	1.00	317.81	1	382.77	1,580,091	147,190	2,228,717	2,603,845
5	Jan-22	1,656	2,484	4,140	997,168	0.9381	1,062,978	256.76	315.54	1.00	315.54	1	256.76	1,062,978	65,810	1,904,293	2,132,232
6	Dec-21	1,655	2,483	4,138	1,366,688	0.9503	1,438,193	347.56	313.28	1.00	313.28	1	347.56	1,438,193	71,505	1,854,982	2,017,111
7	Nov-21	1,636	2,454	4,090	990,165	0.9701	1,020,638	249.54	311.04	1.00	311.04	1	249.54	1,020,638	30,473	1,790,458	1,881,082
8	Oct-21	1,642	2,463	4,105	1,118,756	0.9723	1,150,667	280.31	308.81	1.00	308.81	1	280.31	1,150,667	31,911	2,127,824	2,187,975
9	Sep-21	1,632	2,448	4,080	1,247,390	0.9856	1,265,624	310.20	306.60	1.00	306.60	1	310.20	1,265,624	18,234	2,204,746	2,232,986
10	Aug-21	1,632	2,448	4,080	1,245,660	0.9920	1,255,666	307.76	304.41	1.00	304.41	1	307.76	1,255,666	10,006	1,736,801	1,746,807
11	Jul-21	1,629	2,444	4,073	915,563	1.0000	915,563	224.79	302.23	1.00	302.23	1	224.79	915,563	0	854,833	854,833
		-0.2%		-0.2%													

Total Reserve Estimate: 2,166,480

Reinsurance Adjustment Factor: 1.00

RESERVE ESTIMATE AT JUN 30, 2022	PARAMETERS HARM.	PARAMETERS CLM AVG	RESERVE ESTIMATE	REINS. RECOVER.	ULT RESERVE	OF CURRENT 2 Mos Pd Clms
A. USING A 3 MONTH HARMONIC AVERAGE CF(t):						
1. MEDICAL CLAIM RESERVE USING A 12 MONTH PMPM AVG CHARGE:	3	12	2,274,077	1.00	2,274,077	17.59%
2. MEDICAL CLAIM RESERVE USING A 6 MONTH PMPM AVG CHARGE:	3	6	2,166,480	1.00	2,166,480	16.76%

VI. CONTINUED .... "CLAIM RESERVE VALUATION -- METHODOLOGIES 1-6"

NOTES:

(1) 12 Month Harmonic Average Completion Factors were used in this example.

(2) Pd on Inc at lag(t) is divided by the CF(t) to develop ultimate Paid on Incurred claims.

(3) Col 2 divided by member months.

(4) 12 month avg PMPM Claims starting 3 months prior to claim cut-off w/claims centered in midpoint. We then trend up and down lag table by 9%.

(5)

(6)

(7) Credibility factors:

CF(t)	CRED FACTOR
0.00	0.00
0.25	0.10
0.50	0.25
0.55	0.45
0.60	0.60
0.65	0.70
0.70	0.80
0.75	0.90
0.80	1.00

(8) Adj Ult Inc Clms/pmpm = Cred Fact * Ult Inc Clms + (1-Cred Fact)*Avg Ult Inc Clms

(9) Adj Ult Inc Clms = Adj Ult Inc Clms/PMPM (Col 6) * # of Members

(10) Reserve = Adj Ult Inc Clms (Col 7) - Paid On Inc Claims

(11) Runoff = This is the actual run off paid claims for each month.

(12) Est Res + Runoff = This produces the best estimate of ultimate incurred claims. No adj made for Reins. Recoverables.

VII. ALTERNATIVE RESERVE METHODS - METHODOLOGIES 7 - 10

METHOD: AVERAGE PAID or INCURRED CLAIMS MULTIPLIED BY AVERAGE NUMBER OF MONTHS UNPAID

			"12 Mos Harm"				Unadjusted Reserve Using a "6 Mos Harm"	Unadjusted Reserve Using a "3 Mos Harm"
		Avg Monthly Cost	Avg # of Mos Unpaid	Unadjusted Reserve	Adj for Rein Recover	= Est Reserve	Avg # of Mos Unpaid	Avg # of Mos Unpaid
7.	USING MOST CURRENT 12 MOS. PAID:	1,077,387	2.0791	$2,239,950	1.00	2,239,950	$2,075,065	$1,867,087
8.	USING MOST CURRENT 6 MOS. PAID:	1,316,567	2.0791	$2,737,219	1.00	2,737,219	$2,535,730	$2,281,581
10.	USING 6 MOS. OF INCURRED CLAIMS 3 MONTHS PRIOR TO CLAIMS CUTOFF:	1,262,486	2.0791	$2,624,783	1.00	2,624,783	$2,431,570	$2,187,861
							1.9260	1.7330

Pinal County

Triangulation Report
Pharmacy
Incurred: 7/1/21 - 6/30/22

Valuation date: 6/30/2022
ISL deductible: $250,000
Annual trend: 11.0%

PAID MONTH ↓ / INCURRED MONTH →	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Cross Check to Paid Claim Rpt	Cummulative Paid Claims Rolling 12 Mos	
Seasonality adjustment:													1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Subscribers													1,629	1,632	1,632	1,642	1,636	1,655	1,656	1,651	1,639	1,637	1,640	1,652			
Jul-21																									0	0	Jul-21
Aug-21																									0	0	Aug-21
Sep-21																									0	0	Sep-21
Oct-21																									0	0	Oct-21
Nov-21																									0	0	Nov-21
Dec-21																									0	0	Dec-21
Jan-22																									0	0	Jan-22
Feb-22																									0	0	Feb-22
Mar-22																									0	0	Mar-22
Apr-22																									0	0	Apr-22
May-22																									0	0	May-22
Jun-22																									0	0	Jun-22
Jul-21													260,458	0											260,458	260,458	Jul-21
Aug-21													5,549	319,990											325,539	585,997	Aug-21
Sep-21													12	1,063	291,134										292,209	878,206	Sep-21
Oct-21													4	192	7,813	391,029									399,038	1,277,244	Oct-21
Nov-21													0		4	995	371,922								372,921	1,650,165	Nov-21
Dec-21														0	130	103	428	399,583							400,244	2,050,409	Dec-21
Jan-22															0	14	39	155	422,530						422,738	2,473,147	Jan-22
Feb-22															0		0	24	936	311,504					312,464	2,785,611	Feb-22
Mar-22																		24	160	2,884	386,999				390,067	3,175,678	Mar-22
Apr-22													92	0		92	0		125	6	79	411,510	0		411,904	3,587,581	Apr-22
May-22															140			0	144	508	531	48	404,632		406,003	3,993,584	May-22
Jun-22													40		19	0	20		24	0	1,017	90	2,432	433,374	437,016	**4,430,599**	Jun-22
Total													266,155	321,245	299,241	392,233	372,408	399,786	423,918	314,902	388,626	411,647	407,064	433,374	**4,430,599**		
PSPM													$163	$197	$183	$239	$228	$242	$256	$191	$237	$251	$248	$262			

I. ACTUAL RUNOFF CLAIM DEVELOPMENT

Run Off @	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Run Off Thru Valuation Date by Months	
Jul-21	0																								0	Jul-21
Aug-21	0	0																							0	Aug-21
Sep-21	0	0	0																						0	Sep-21
Oct-21	0	0	0	0																					0	Oct-21
Nov-21	0	0	0	0	0																				0	Nov-21
Dec-21	0	0	0	0	0	0																			0	Dec-21
Jan-22	0	0	0	0	0	0	0																		0	Jan-22
Feb-22	0	0	0	0	0	0	0	0																	0	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0																0	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0															0	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0														0	May-22
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0													0	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	5,697												5,697	Jul-21
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	148	1,255											1,403	Aug-21
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	136	192	8,106										8,435	Sep-21
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	132	0	293	1,205									1,630	Oct-21
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	132	0	289	210	486								1,117	Nov-21
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	132	0	160	106	58	202							658	Dec-21
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	132	0	160	92	20	47	1,388						1,839	Jan-22
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	132	0	160	92	20	24	452	3,398					4,277	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	132	0	160	92	20	0	292	514	1,627				2,837	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	40	0	160	0	20	0	168	508	1,548	138			2,580	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0	0	40	0	19	0	20	0	24	0	1,017	90	2,432		3,642	May-22
Jun-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Jun-22

II. CUMMULATIVE PAID BY INCURRED MONTH

-CUMMULATIVE- PAID	---INCURRED MONTH--- Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	260,458	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	266,007	319,990	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	266,019	321,054	291,134	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	298,947	391,029	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	298,951	392,024	371,922	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,127	372,350	399,583	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,738	422,530	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,762	423,466	311,504	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,786	423,626	314,388	386,999	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	266,115	321,245	299,081	392,233	372,388	399,786	423,750	314,395	387,078	411,510	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	266,115	321,245	299,221	392,233	372,388	399,786	423,894	314,902	387,609	411,558	404,632	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	266,155	321,245	299,241	392,233	372,408	399,786	423,918	314,902	388,626	411,647	407,064	433,374

III. CUMMULATIVE PAID BY LAG MONTH

-PAID- LAG(t)	---INCURRED MONTH--- Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
0	1	1	1	1	1	1	1	1	1	1	1	1	260,458	319,990	291,134	391,029	371,922	399,583	422,530	311,504	386,999	411,510	404,632	433,374
1	0	0	0	0	0	0	0	0	0	0	0	0	266,007	321,054	298,947	392,024	372,350	399,738	423,466	314,388	387,078	411,558	407,064	
2	0	0	0	0	0	0	0	0	0	0	0	0	266,019	321,245	298,951	392,127	372,388	399,762	423,626	314,395	387,609	411,647		
3	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,786	423,750	314,902	388,626			
4	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,786	423,894	314,902				
5	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,141	372,388	399,786	423,918					
6	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,233	372,388	399,786						
7	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,081	392,233	372,408							
8	0	0	0	0	0	0	0	0	0	0	0	0	266,023	321,245	299,221	392,233								
9	0	0	0	0	0	0	0	0	0	0	0	0	266,115	321,245	299,241									
10	0	0	0	0	0	0	0	0	0	0	0	0	266,115	321,245										
11	0	0	0	0	0	0	0	0	0	0	0	0	266,155											
12	0	0	0	0	0	0	0	0	0	0	0	0												
13	0	0	0	0	0	0	0	0	0	0	0													
14	0	0	0	0	0	0	0	0	0	0														
15	0	0	0	0	0	0	0	0	0															
16	0	0	0	0	0	0	0	0																
17	0	0	0	0	0	0	0																	
18	0	0	0	0	0	0																		
19	0	0	0	0	0																			
20	0	0	0	0																				
21	0	0	0																					
22	0	0																						
23	0																							

IV. COMPLETION RATIOS BY LAG MONTH

-- COMPLETION RATIOS --

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
3	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
7	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
8	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
9	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
10	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
11	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
13	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
14	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
15	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
16	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!				
17	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					
18	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!						
19	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!							
20	0.0001	0.0001	0.0001	#DIV/0!								
21	0.0001	0.0001	0.0001									
22	0.0001	0.0001										
23	0.0001											

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	MODIFIED (For a 12 Month Lag Table) 12 MOS. HARMONIC CR(t)	6 MOS. HARMONIC CR(t)	3 MOS. HARMONIC CR(t)	12 MOS. AVG. CR(t)
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9791	0.9967	0.9739	0.9975	0.9989	0.9996	0.9978	0.9908	0.9998	0.9999	0.9940		0.9934	0.9970	0.9979	0.9934
2	1.0000	0.9994	1.0000	0.9997	0.9999	0.9999	0.9996	1.0000	0.9986	0.9998			0.9997	0.9996	0.9995	0.9997
3	1.0000	1.0000	0.9996	1.0000	1.0000	0.9999	0.9997	0.9984	0.9974				0.9994	0.9992	0.9985	0.9994
4	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	1.0000					1.0000	0.9999	0.9999	1.0000
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999						1.0000	1.0000	1.0000	1.0000
6	1.0000	1.0000	1.0000	0.9998	1.0000	1.0000							1.0000	1.0000	0.9999	1.0000
7	1.0000	1.0000	1.0000	1.0000	0.9999								1.0000	1.0000	1.0000	1.0000
8	1.0000	1.0000	0.9995	1.0000									0.9999	0.9999	0.9998	0.9999
9	0.9997	1.0000	0.9999										0.9999	0.9999	0.9999	0.9999
10	1.0000	1.0000											1.0000	1.0000	1.0000	1.0000
11	0.9998												0.9998	0.9998	0.9998	0.9998
12													1.0000	1.0000	1.0000	1.0000
13													1.0000	1.0000	1.0000	1.0000
14													1.0000	1.0000	1.0000	1.0000
15													1.0000	1.0000	1.0000	1.0000
16													1.0000	1.0000	1.0000	1.0000
17													1.0000	1.0000	1.0000	1.0000
18													1.0000	1.0000	1.0000	1.0000

V. COMPLETION FACTORS -- CF(t) = CR(t+1)CR(t+2)CR(t+3)....

-- COMPLETION FACTORS --

LAG(t)	12 MOS. HARMONIC CF(t)	MONTHS UNPAID	6 MOS. HARMONIC CF(t)	MONTHS UNPAID	3 MOS. HARMONIC CF(t)	MONTHS UNPAID	12 MOS. AVG. CF(t)	MONTHS UNPAID
0	0.9920	0.0080	0.9953	0.0047	0.9952	0.0048	0.9921	0.0079
1	0.9986	0.0014	0.9984	0.0016	0.9973	0.0027	0.9986	0.0014
2	0.9989	0.0011	0.9987	0.0013	0.9978	0.0022	0.9989	0.0011
3	0.9995	0.0005	0.9995	0.0005	0.9993	0.0007	0.9995	0.0005
4	0.9995	0.0005	0.9995	0.0005	0.9994	0.0006	0.9995	0.0005
5	0.9995	0.0005	0.9995	0.0005	0.9995	0.0005	0.9995	0.0005
6	0.9996	0.0004	0.9996	0.0004	0.9995	0.0005	0.9996	0.0004
7	0.9996	0.0004	0.9996	0.0004	0.9996	0.0004	0.9996	0.0004
8	0.9997	0.0003	0.9997	0.0003	0.9997	0.0003	0.9997	0.0003
9	0.9998	0.0002	0.9998	0.0002	0.9998	0.0002	0.9998	0.0002
10	0.9998	0.0002	0.9998	0.0002	0.9998	0.0002	0.9998	0.0002
11	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
12	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
13	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
14	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
15	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
16	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
17	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
18	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
19	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
20	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
21	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
22	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
23	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
AVG # OF MOS. UNPAID		0.0133		0.0104		0.0130		0.0132

VI. PHARMACY CLAIM RESERVE VALUATION -- METHODOLOGIES 1 - 6

LAG(t)	Month	Subs	Approx Dpdnts	(MM) Approx Mems	Paid on Incurred	(1) 3 Mos. Harm CF(t)	(2) Devel'd Ultimate Inc Clms	(3) Devel'd Ult Inc Clms/MM	(4) 6 Mo Avg Inc Clms/MM	(5) Season Factor	(6) 6 Mo Avg Inc Clms/MM	(7) Credibility Factor	(8) Adj. Ult. Inc Clms/MM	(9) Adj. Ult Inc Clms	(10) Estimated Reserve @ 6/30/2022	(11) Runoff at Each Month	(12) Est Res + Runoff
0	Jun-22	1,652	473	2,125	433,374	0.9952	435,470	204.93	195.72	1.00	195.72	1	204.93	435,470	2,096	NA	5,323
1	May-22	1,640	483	2,123	407,064	0.9973	408,172	192.26	194.03	1.00	194.03	1	192.26	408,172	1,108	3,642	6,869
2	Apr-22	1,637	491	2,128	411,647	0.9978	412,546	193.87	192.35	1.00	192.35	1	193.87	412,546	899	2,580	4,700
3	Mar-22	1,639	503	2,142	388,626	0.9993	388,887	181.55	190.68	1.00	190.68	1	181.55	388,887	261	2,837	4,057
4	Feb-22	1,651	476	2,127	314,902	0.9994	315,078	148.13	189.03	1.00	189.03	1	148.13	315,078	176	4,277	5,237
5	Jan-22	1,656	457	2,113	423,918	0.9995	424,147	200.73	187.40	1.00	187.40	1	200.73	424,147	229	1,839	2,623
6	Dec-21	1,655	440	2,095	399,786	0.9995	399,970	190.92	185.77	1.00	185.77	1	190.92	399,970	184	658	1,214
7	Nov-21	1,636	463	2,099	372,408	0.9996	372,573	177.50	184.16	1.00	184.16	1	177.50	372,573	165	1,117	1,488
8	Oct-21	1,642	455	2,097	392,233	0.9997	392,346	187.10	182.57	1.00	182.57	1	187.10	392,346	113	1,630	1,836
9	Sep-21	1,632	483	2,115	299,241	0.9998	299,286	141.51	180.99	1.00	180.99	1	141.51	299,286	45	8,435	8,528
10	Aug-21	1,632	467	2,099	321,245	0.9998	321,294	153.07	179.42	1.00	179.42	1	153.07	321,294	48	1,403	1,451
11	Jul-21	1,629	437	2,066	266,155	1.0000	266,155	128.83	177.87	1.00	177.87	1	128.83	266,155	0	5,697	5,697

Total Reserve Estimate: 5,323

Reinsurance Adjustment Factor: 1.00

RESERVE ESTIMATE AT JUN 30, 2022	PARAMETERS HARM.	CLM AVG	RESERVE ESTIMATE	REINS. RECOVER.	ULT RESERVE	OF CURRENT 2 Mos Pd Clms
A. USING A 3 MONTH HARMONIC AVERAGE CF(t):						
1. PHARMACY CLAIM RESERVE USING A 12 MONTH PMPM AVG CHARGE:	3	12	5,323	1.00	5,323	0.12%
2. PHARMACY CLAIM RESERVE USING A 6 MONTH PMPM AVG CHARGE:	3	6	5,323	1.00	5,323	0.12%

VI. CONTINUED .... "CLAIM RESERVE VALUATION -- METHODOLOGIES 1-6"

NOTES:

(1) 12 Month Harmonic Average Completion Factors were used in this example.

(2) Pd on Inc at lag(t) is divided by the CF(t) to develop ultimate Paid on Incurred claims.

(3) Col 2 divided by member months.

(4) 12 month avg PMPM Claims starting 3 months prior to claim cut-off w/claims centered in midpoint. We then trend up and down lag table by 11%.

(5)

(6)

(7) Credibility factors:

CF(t)	CRED FACTOR
0.00	0.00
0.25	0.10
0.50	0.25
0.55	0.45
0.60	0.60
0.65	0.70
0.70	0.80
0.75	0.90
0.80	1.00

(8) Adj Ult Inc Clms/pmpm = Cred Fact * Ult Inc Clms + (1-Cred Fact)*Avg Ult Inc Clms

(9) Adj Ult Inc Clms = Adj Ult Inc Clms/PMPM (Col 6) * # of Members

(10) Reserve = Adj Ult Inc Clms (Col 7) - Paid On Inc Claims

(11) Runoff = This is the actual run off paid claims for each month.

(12) Est Res + Runoff = This produces the best estimate of ultimate incurred claims. No adj made for Reins. Recoverables.

VII. ALTERNATIVE RESERVE METHODS - METHODOLOGIES 7 - 10

METHOD: AVERAGE PAID or INCURRED CLAIMS MULTIPLIED BY AVERAGE NUMBER OF MONTHS UNPAID

			"12 Mos Harm"				Unadjusted Reserve Using a "6 Mos Harm"	Unadjusted Reserve Using a "3 Mos Harm"
		Avg Monthly Cost	Avg # of Mos Unpaid	Unadjusted Reserve	Adj for Rein Recover	= Est Reserve	Avg # of Mos Unpaid	Avg # of Mos Unpaid
7.	USING MOST CURRENT 12 MOS. PAID:	369,217	0.0133	$4,896	1.00	4,896	$3,858	$4,787
8.	USING MOST CURRENT 6 MOS. PAID:	396,698	0.0133	$5,260	1.00	5,260	$4,145	$5,144
10.	USING 6 MOS. OF INCURRED CLAIMS 3 MONTHS PRIOR TO CLAIMS CUTOFF:	382,167	0.0133	$5,067	1.00	5,067	$3,993	$4,955
							0.0104	0.0130

Pinal County

Triangulation Report
Dental
Incurred: 7/1/21 - 6/30/22

Valuation date: 6/30/2022
ISL deductible: $0
Annual trend: 3.1% Segal Survey

PAID MONTH ↓ / INCURRED MONTH →	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Cross Check to Paid Claim Rpt	Cummulative Paid Claims Rolling 12 Mos	
													1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Subscribers													1,707	1,700	1,700	1,705	1,705	1,728	1,727	1,715	1,706	1,697	1,697	1,709			
Jul-21																									0	0	Jul-21
Aug-21																									0	0	Aug-21
Sep-21																									0	0	Sep-21
Oct-21																									0	0	Oct-21
Nov-21																									0	0	Nov-21
Dec-21																									0	0	Dec-21
Jan-22																									0	0	Jan-22
Feb-22																									0	0	Feb-22
Mar-22																									0	0	Mar-22
Apr-22																									0	0	Apr-22
May-22																									0	0	May-22
Jun-22																									0	0	Jun-22
Jul-21													45,692												45,692	45,692	Jul-21
Aug-21													75,434	79,635											155,068	200,760	Aug-21
Sep-21													4,664	25,275	65,093										95,032	295,792	Sep-21
Oct-21													2,518	4,753	31,377	59,774									98,422	394,213	Oct-21
Nov-21													0	2,732	4,165	22,849	63,179								92,925	487,139	Nov-21
Dec-21													613	1,689	1,170	7,307	15,826	62,036							88,641	575,779	Dec-21
Jan-22													79	408	1,824	5,573	9,651	24,604	46,219						88,359	664,138	Jan-22
Feb-22													2,227	1,654	317	711	809	2,780	26,807	62,304					97,609	761,747	Feb-22
Mar-22													278	334	1,156	2,042	1,615	1,951	6,656	30,315	73,723				118,069	879,816	Mar-22
Apr-22													0	1,594	1,424	1,837	500	2,277	3,281	4,745	26,657	61,216			103,529	983,345	Apr-22
May-22													500	0	0	368	638	476	372	769	2,896	28,210	77,147		111,377	1,094,722	May-22
Jun-22													0	0	0	304	532	252	33	320	769	2,199	17,762	86,190	108,360	**1,203,082**	Jun-22
Total	0	0	0	0	0	0	0	0	0	0	0	0	132,004	118,073	106,526	100,766	92,749	94,376	83,368	98,452	104,045	91,625	94,909	86,190	**1,203,082**		
PSPM	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	$77	$69	$63	$59	$54	$55	$48	$57	$61	$54	$56	$50			

I. ACTUAL RUNOFF CLAIM DEVELOPMENT

Run Off @	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Run Off Thru Valuation Date by Months	
Jul-21	0																								0	Jul-21
Aug-21	0	0																							0	Aug-21
Sep-21	0	0	0																						0	Sep-21
Oct-21	0	0	0	0																					0	Oct-21
Nov-21	0	0	0	0	0																				0	Nov-21
Dec-21	0	0	0	0	0	0																			0	Dec-21
Jan-22	0	0	0	0	0	0	0																		0	Jan-22
Feb-22	0	0	0	0	0	0	0	0																	0	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0																0	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0															0	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0														0	May-22
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0													0	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	86,312												86,312	Jul-21
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	10,879	38,438											49,317	Aug-21
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	6,215	13,163	41,433										60,811	Sep-21
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	3,697	8,410	10,056	40,992									63,155	Oct-21
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	3,697	5,678	5,891	18,143	29,571								62,979	Nov-21
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	3,084	3,990	4,721	10,835	13,744	32,341							68,715	Dec-21
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	3,005	3,582	2,897	5,262	4,093	7,736	37,149						63,724	Jan-22
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	778	1,928	2,580	4,551	3,285	4,956	10,341	36,148					64,568	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	500	1,594	1,424	2,509	1,670	3,005	3,686	5,834	30,322				50,543	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	500	0	0	672	1,170	728	405	1,089	3,665	30,409			38,639	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	304	532	252	33	320	769	2,199	17,762		22,171	May-22
Jun-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Jun-22

II. CUMMULATIVE PAID BY INCURRED MONTH

---INCURRED MONTH---

-CUMMULATIVE- PAID	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	45,692	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	121,125	79,635	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	125,789	104,910	65,093	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	128,307	109,663	96,470	59,774	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	128,307	112,394	100,635	82,623	63,179	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	128,920	114,083	101,805	89,930	79,005	62,036	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	128,999	114,491	103,629	95,504	88,656	86,640	46,219	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	131,226	116,145	103,946	96,214	89,465	89,420	73,027	62,304	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	131,504	116,479	105,102	98,256	91,080	91,371	79,682	92,619	73,723	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	131,504	118,073	106,526	100,094	91,580	93,648	82,963	97,363	100,379	61,216	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	132,004	118,073	106,526	100,462	92,217	94,124	83,335	98,133	103,276	89,426	77,147	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	132,004	118,073	106,526	100,766	92,749	94,376	83,368	98,452	104,045	91,625	94,909	86,190

III. CUMMULATIVE PAID BY LAG MONTH

---INCURRED MONTH---

-PAID- LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
0	1	1	1	1	1	1	1	1	1	1	1	1	45,692	79,635	65,093	59,774	63,179	62,036	46,219	62,304	73,723	61,216	77,147	86,190
1	0	0	0	0	0	0	0	0	0	0	0	0	121,125	104,910	96,470	82,623	79,005	86,640	73,027	92,619	100,379	89,426	94,909	
2	0	0	0	0	0	0	0	0	0	0	0	0	125,789	109,663	100,635	89,930	88,656	89,420	79,682	97,363	103,276	91,625		
3	0	0	0	0	0	0	0	0	0	0	0	0	128,307	112,394	101,805	95,504	89,465	91,371	82,963	98,133	104,045			
4	0	0	0	0	0	0	0	0	0	0	0	0	128,307	114,083	103,629	96,214	91,080	93,648	83,335	98,452				
5	0	0	0	0	0	0	0	0	0	0	0	0	128,920	114,491	103,946	98,256	91,580	94,124	83,368					
6	0	0	0	0	0	0	0	0	0	0	0	0	128,999	116,145	105,102	100,094	92,217	94,376						
7	0	0	0	0	0	0	0	0	0	0	0	0	131,226	116,479	106,526	100,462	92,749							
8	0	0	0	0	0	0	0	0	0	0	0	0	131,504	118,073	106,526	100,766								
9	0	0	0	0	0	0	0	0	0	0	0	0	131,504	118,073	106,526									
10	0	0	0	0	0	0	0	0	0	0	0	0	132,004	118,073										
11	0	0	0	0	0	0	0	0	0	0	0	0	132,004											
12	0	0	0	0	0	0	0	0	0	0	0	0												
13	0	0	0	0	0	0	0	0	0	0	0													
14	0	0	0	0	0	0	0	0	0	0														
15	0	0	0	0	0	0	0	0	0															
16	0	0	0	0	0	0	0	0																
17	0	0	0	0	0	0	0																	
18	0	0	0	0	0	0																		
19	0	0	0	0	0																			
20	0	0	0	0																				
21	0	0	0																					
22	0	0																						
23	0																							

IV. COMPLETION RATIOS BY LAG MONTH

-- COMPLETION RATIOS --

																									MODIFIED (For a 12 Month Lag Table)			
																									12 MOS. HARMONIC	6 MOS. HARMONIC	3 MOS. HARMONIC	12 MOS. AVG.
LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	CR(t)	CR(t)	CR(t)	CR(t)
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.3772	0.7591	0.6747	0.7235	0.7997	0.7160	0.6329	0.6727	0.7344	0.6845	0.8129		0.6627	0.7046	0.7403	0.6898
2	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9629	0.9567	0.9586	0.9187	0.8911	0.9689	0.9165	0.9513	0.9720	0.9760			0.9465	0.9449	0.9663	0.9473
3	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9804	0.9757	0.9885	0.9416	0.9910	0.9786	0.9605	0.9922	0.9926				0.9776	0.9757	0.9815	0.9779
4	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.0000	0.9852	0.9824	0.9926	0.9823	0.9757	0.9955	0.9968					0.9887	0.9875	0.9892	0.9888
5	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9952	0.9964	0.9970	0.9792	0.9945	0.9949	0.9996						0.9938	0.9936	0.9964	0.9938
6	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9994	0.9858	0.9890	0.9816	0.9931	0.9973							0.9910	0.9910	0.9906	0.9910
7	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9830	0.9971	0.9866	0.9963	0.9943								0.9914	0.9914	0.9924	0.9915
8	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9979	0.9865	1.0000	0.9970									0.9953	0.9953	0.9945	0.9953
9	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.0000	1.0000	1.0000										1.0000	1.0000	1.0000	1.0000
10	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.9962	1.0000											0.9981	0.9981	0.9981	0.9981
11	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.0000												1.0000	1.0000	1.0000	1.0000
12	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!													1.0000	1.0000	1.0000	1.0000
13	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!														1.0000	1.0000	1.0000	1.0000
14	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!															1.0000	1.0000	1.0000	1.0000
15	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!																1.0000	1.0000	1.0000	1.0000
16	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!																	1.0000	1.0000	1.0000	1.0000
17	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!																		1.0000	1.0000	1.0000	1.0000
18	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!																			1.0000	1.0000	1.0000	1.0000
19	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!																							
20	0.0001	0.0001	0.0001	#DIV/0!																								
21	0.0001	0.0001	0.0001																									
22	0.0001	0.0001																										
23	0.0001																											

V. COMPLETION FACTORS -- CF(t) = CR(t+1)CR(t+2)CR(t+3)....

-- COMPLETION FACTORS --

LAG(t)	12 MOS. HARMONIC CF(t)	MONTHS UNPAID	6 MOS. HARMONIC CF(t)	MONTHS UNPAID	3 MOS. HARMONIC CF(t)	MONTHS UNPAID	12 MOS. AVG. CF(t)	MONTHS UNPAID
0	0.5881	0.4119	0.6220	0.3780	0.6752	0.3248	0.6130	0.3870
1	0.8875	0.1125	0.8829	0.1171	0.9122	0.0878	0.8886	0.1114
2	0.9376	0.0624	0.9344	0.0656	0.9440	0.0560	0.9381	0.0619
3	0.9591	0.0409	0.9576	0.0424	0.9618	0.0382	0.9593	0.0407
4	0.9700	0.0300	0.9698	0.0302	0.9722	0.0278	0.9702	0.0298
5	0.9761	0.0239	0.9761	0.0239	0.9758	0.0242	0.9762	0.0238
6	0.9849	0.0151	0.9849	0.0151	0.9850	0.0150	0.9850	0.0150
7	0.9934	0.0066	0.9934	0.0066	0.9926	0.0074	0.9935	0.0065
8	0.9981	0.0019	0.9981	0.0019	0.9981	0.0019	0.9981	0.0019
9	0.9981	0.0019	0.9981	0.0019	0.9981	0.0019	0.9981	0.0019
10	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
11	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
12	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
13	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
14	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
15	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
16	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
17	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
18	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
19	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
20	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
21	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
22	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
23	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
AVG # OF MOS. UNPAID		0.7071		0.6827		0.5850		0.6800

VI. DENTAL CLAIM RESERVE VALUATION -- METHODOLOGIES 1 - 6

LAG(t)	Month	Subs	Approx Dpdnts	Estimated (MM) Approx Mems	Paid on Incurred	(1) 3 Mos. Harm CF(t)	(2) Devel'd Ultimate Inc Clms	(3) Devel'd Ult Inc Clms/MM	(4) 6 Mo Avg Inc Clms/MM	(5) Season Factor	(6) 6 Mo Avg Inc Clms/MM	(7) Credibility Factor	(8) Adj. Ult. Inc Clms/MM	(9) Adj. Ult Inc Clms	(10) Estimated Reserve @ 6/30/2022	(11) Runoff at Each Month	(12) Est Res + Runoff
0	Jun-22	1,709	3,384	5,093	86,190	0.6752	127,643	25.06	19.54	1.00	19.54	0.7	23.40	119,199	33,009	NA	59,119
1	May-22	1,697	3,360	5,057	94,909	0.9122	104,047	20.57	19.49	1.00	19.49	1	20.57	104,047	9,139	22,171	48,280
2	Apr-22	1,697	3,360	5,057	91,625	0.9440	97,061	19.19	19.44	1.00	19.44	1	19.19	97,061	5,436	38,639	55,610
3	Mar-22	1,706	3,378	5,084	104,045	0.9618	108,179	21.28	19.39	1.00	19.39	1	21.28	108,179	4,135	50,543	62,078
4	Feb-22	1,715	3,396	5,111	98,452	0.9722	101,262	19.81	19.34	1.00	19.34	1	19.81	101,262	2,810	64,568	71,968
5	Jan-22	1,727	3,419	5,146	83,368	0.9758	85,435	16.60	19.29	1.00	19.29	1	16.60	85,435	2,067	63,724	68,314
6	Dec-21	1,728	3,421	5,149	94,376	0.9850	95,811	18.61	19.24	1.00	19.24	1	18.61	95,811	1,435	68,715	71,238
7	Nov-21	1,705	3,376	5,081	92,749	0.9926	93,443	18.39	19.19	1.00	19.19	1	18.39	93,443	694	62,979	64,067
8	Oct-21	1,705	3,376	5,081	100,766	0.9981	100,957	19.87	19.14	1.00	19.14	1	19.87	100,957	192	63,155	63,549
9	Sep-21	1,700	3,366	5,066	106,526	0.9981	106,728	21.07	19.09	1.00	19.09	1	21.07	106,728	203	60,811	61,013
10	Aug-21	1,700	3,366	5,066	118,073	1.0000	118,073	23.31	19.05	1.00	19.05	1	23.31	118,073	0	49,317	49,317
11	Jul-21	1,707	3,380	5,087	132,004	1.0000	132,004	25.95	19.00	1.00	19.00	1	25.95	132,004	0	86,312	86,312
		-1.1%		-1.1%									Total Reserve Estimate:		59,119		

Reinsurance Adjustment Factor: 1.00

RESERVE ESTIMATE AT JUN 30, 2022	PARAMETERS HARM.	CLM AVG	RESERVE ESTIMATE	REINS. RECOVER.	ULT RESERVE	OF CURRENT 12 Mos Pd Clms
A. USING A 3 MONTH HARMONIC AVERAGE CF(t):						
1. DENTAL CLAIM RESERVE USING A 12 MONTH PMPM AVG CHARGE:	3	12	61,802	1.00	61,802	5.14%
2. DENTAL CLAIM RESERVE USING A 6 MONTH PMPM AVG CHARGE:	3	6	59,119	1.00	59,119	4.91%

VI. CONTINUED .... "CLAIM RESERVE VALUATION -- METHODOLOGIES 1-6"

NOTES:

(1) 12 Month Harmonic Average Completion Factors were used in this example.

(2) Pd on Inc at lag(t) is divided by the CF(t) to develop ultimate Paid on Incurred claims.

(3) Col 2 divided by member months.

(4) 12 month avg PMPM Claims starting 3 months prior to claim cut-off w/claims centered in midpoint. We then trend up and down lag table by 3%.

(5)

(6)

(7) Credibility factors:

CF(t)	CRED FACTOR
0.00	0.00
0.25	0.10
0.50	0.25
0.55	0.45
0.60	0.60
0.65	0.70
0.70	0.80
0.75	0.90
0.80	1.00

(8) Adj Ult Inc Clms/pmpm = Cred Fact * Ult Inc Clms + (1-Cred Fact)*Avg Ult Inc Clms

(9) Adj Ult Inc Clms = Adj Ult Inc Clms/PMPM (Col 6) * # of Members

(10) Reserve = Adj Ult Inc Clms (Col 7) - Paid On Inc Claims

(11) Runoff = This is the actual run off paid claims for each month.

(12) Est Res + Runoff = This produces the best estimate of ultimate incurred claims. No adj made for Reins. Recoverables.

VII. ALTERNATIVE RESERVE METHODS - METHODOLOGIES 7 - 10

METHOD: AVERAGE PAID or INCURRED CLAIMS MULTIPLIED BY AVERAGE NUMBER OF MONTHS UNPAID

			"12 Mos Harm"				Unadjusted Reserve	
							Using a "6 Mos Harm"	Using a "3 Mos Harm"
		Avg Monthly Cost	Avg # of Mos Unpaid	Unadjusted Reserve	Adj for Rein Recover	= Est Reserve	Avg # of Mos Unpaid	Avg # of Mos Unpaid
7.	USING MOST CURRENT 12 MOS. PAID:	100,257	0.7071	$70,888	1.00	70,888	$68,443	$58,647
8.	USING MOST CURRENT 6 MOS. PAID:	104,550	0.7071	$73,924	1.00	73,924	$71,374	$61,158
10.	USING 6 MOS. OF INCURRED CLAIMS 3 MONTHS PRIOR TO CLAIMS CUTOFF:	97,515	0.7071	$68,950	1.00	68,950	$66,571	$57,043
							0.6827	0.5850

Pinal County

Triangulation Report
Vision
Incurred: 7/1/21 - 6/30/22

Valuation date: 6/30/2022
ISL deductible: $0
Annual trend: 1.7% Segal Survey

INCURRED MONTH →

PAID MONTH ↓	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Cross Check to Paid Claim Rpt	Cummulative Paid Claims Rolling 12 Mos	
													1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
Subscribers													1,618	1,611	1,611	1,618	1,619	1,640	1,638	1,628	1,620	1,615	1,621	1,634			
Jul-21																									0	0	Jul-21
Aug-21																									0	0	Aug-21
Sep-21																									0	0	Sep-21
Oct-21																									0	0	Oct-21
Nov-21																									0	0	Nov-21
Dec-21																									0	0	Dec-21
Jan-22																									0	0	Jan-22
Feb-22																									0	0	Feb-22
Mar-22																									0	0	Mar-22
Apr-22																									0	0	Apr-22
May-22																									0	0	May-22
Jun-22																									0	0	Jun-22
Jul-21													20,009												20,009	20,009	Jul-21
Aug-21													16,540	17,557											34,097	54,106	Aug-21
Sep-21													772	15,320	11,360										27,452	81,558	Sep-21
Oct-21													235	180	13,442	13,077									26,934	108,492	Oct-21
Nov-21													0	187	386	7,462	11,789								19,824	128,316	Nov-21
Dec-21													0	0	0	372	9,987	8,754							19,113	147,429	Dec-21
Jan-22													0	0	0	0	545	6,633	8,042						15,220	162,649	Jan-22
Feb-22													0	0	0	362	175	0	9,707	10,032					20,276	182,925	Feb-22
Mar-22													0	0	0	0	60	0	565	8,172	8,972				17,769	200,694	Mar-22
Apr-22													0	0	0	45	0	0	0	896	7,645	10,499			19,085	219,779	Apr-22
May-22													0	0	0	0	0	0	0	77	335	11,557	13,782		25,751	245,530	May-22
Jun-22													0	0	0	0	0	0	175	39	90	233	6,800	14,280	21,617	**267,147**	Jun-22
Total	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,318	22,556	15,387	18,489	19,216	17,042	22,289	20,582	14,280	**267,147**		
PSPM	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	$23	$21	$16	$13	$14	$9	$11	$12	$11	$14	$13	$9			

I. ACTUAL RUNOFF CLAIM DEVELOPMENT

Run Off @	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Run Off Thru Valuation Date by Months	
Jul-21	0																								0	Jul-21
Aug-21	0	0																							0	Aug-21
Sep-21	0	0	0																						0	Sep-21
Oct-21	0	0	0	0																					0	Oct-21
Nov-21	0	0	0	0	0																				0	Nov-21
Dec-21	0	0	0	0	0	0																			0	Dec-21
Jan-22	0	0	0	0	0	0	0																		0	Jan-22
Feb-22	0	0	0	0	0	0	0	0																	0	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0																0	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0															0	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0														0	May-22
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0													0	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	17,547												17,547	Jul-21
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	1,007	15,687											16,694	Aug-21
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	235	367	13,828										14,430	Sep-21
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	0	187	386	8,241									8,814	Oct-21
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	779	10,767								11,546	Nov-21
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	407	780	6,633							7,820	Dec-21
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	407	235	0	10,447						11,089	Jan-22
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	60	0	740	9,184					10,029	Feb-22
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	175	1,012	8,070				9,302	Mar-22
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175	116	425	11,790			12,506	Apr-22
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175	39	90	233	6,800		7,337	May-22
Jun-22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Jun-22

II. CUMMULATIVE PAID BY INCURRED MONTH

---INCURRED MONTH---

-CUMMULATIVE- PAID	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
Jul-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oct-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

III. CUMMULATIVE PAID BY LAG MONTH

---INCURRED MONTH---

-PAID- LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
0	1	1	1	1	1	1	1	1	1	1	1	1	20,009	17,557	11,360	13,077	11,789	8,754	8,042	10,032	8,972	10,499	13,782	14,280
1	0	0	0	0	0	0	0	0	0	0	0	0	36,549	32,877	24,802	20,539	21,776	15,387	17,749	18,204	16,617	22,056	20,582	
2	0	0	0	0	0	0	0	0	0	0	0	0	37,321	33,057	25,188	20,911	22,321	15,387	18,314	19,100	16,952	22,289		
3	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	20,911	22,496	15,387	18,314	19,177	17,042			
4	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,273	22,556	15,387	18,314	19,216				
5	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,273	22,556	15,387	18,489					
6	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,318	22,556	15,387						
7	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,318	22,556							
8	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188	21,318								
9	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244	25,188									
10	0	0	0	0	0	0	0	0	0	0	0	0	37,556	33,244										
11	0	0	0	0	0	0	0	0	0	0	0	0	37,556											

IV. COMPLETION RATIOS BY LAG MONTH

-- COMPLETION RATIOS --

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
2	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
3	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
4	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
5	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
6	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
7	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
8	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
9	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
10	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
11	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
12	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
13	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
14	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
15	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
16	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!				
17	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					
18	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!	#DIV/0!						
19	0.0001	0.0001	0.0001	#DIV/0!	#DIV/0!							
20	0.0001	0.0001	0.0001	#DIV/0!								
21	0.0001	0.0001	0.0001									
22	0.0001	0.0001										
23	0.0001											

LAG(t)	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	MODIFIED (For a 12 Month Lag Table) 12 MOS. HARMONIC CR(t)	6 MOS. HARMONIC CR(t)	3 MOS. HARMONIC CR(t)	12 MOS. AVG. CR(t)
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.5475	0.5340	0.4580	0.6367	0.5414	0.5689	0.4531	0.5511	0.5399	0.4760	0.6696		0.5359	0.5345	0.5508	0.5433
2	0.9793	0.9946	0.9847	0.9822	0.9756	1.0000	0.9691	0.9531	0.9802	0.9895			0.9807	0.9777	0.9740	0.9808
3	0.9937	0.9944	1.0000	1.0000	0.9922	1.0000	1.0000	0.9960	0.9947				0.9968	0.9971	0.9969	0.9968
4	1.0000	1.0000	1.0000	0.9830	0.9973	1.0000	1.0000	0.9980					0.9973	0.9963	0.9993	0.9973
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9905						0.9986	0.9984	0.9968	0.9986
6	1.0000	1.0000	1.0000	0.9979	1.0000	1.0000							0.9996	0.9996	0.9993	0.9996
7	1.0000	1.0000	1.0000	1.0000	1.0000								1.0000	1.0000	1.0000	1.0000
8	1.0000	1.0000	1.0000	1.0000									1.0000	1.0000	1.0000	1.0000
9	1.0000	1.0000	1.0000										1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000											1.0000	1.0000	1.0000	1.0000
11	1.0000												1.0000	1.0000	1.0000	1.0000
12													1.0000	1.0000	1.0000	1.0000
13													1.0000	1.0000	1.0000	1.0000
14													1.0000	1.0000	1.0000	1.0000
15													1.0000	1.0000	1.0000	1.0000
16													1.0000	1.0000	1.0000	1.0000
17													1.0000	1.0000	1.0000	1.0000
18													1.0000	1.0000	1.0000	1.0000

V. COMPLETION FACTORS -- CF(t) = CR(t+1)CR(t+2)CR(t+3)....

-- COMPLETION FACTORS --

LAG(t)	12 MOS. HARMONIC CF(t)	MONTHS UNPAID	6 MOS. HARMONIC CF(t)	MONTHS UNPAID	3 MOS. HARMONIC CF(t)	MONTHS UNPAID	12 MOS. AVG. CF(t)	MONTHS UNPAID
0	0.5215	0.4785	0.5182	0.4818	0.5324	0.4676	0.5288	0.4712
1	0.9732	0.0268	0.9695	0.0305	0.9666	0.0334	0.9734	0.0266
2	0.9923	0.0077	0.9916	0.0084	0.9924	0.0076	0.9924	0.0076
3	0.9955	0.0045	0.9944	0.0056	0.9954	0.0046	0.9956	0.0044
4	0.9983	0.0017	0.9981	0.0019	0.9961	0.0039	0.9983	0.0017
5	0.9996	0.0004	0.9996	0.0004	0.9993	0.0007	0.9996	0.0004
6	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
7	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
8	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
9	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
10	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
11	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000	1.0000	0.0000
AVG # OF MOS. UNPAID		0.5195		0.5287		0.5177		0.5119

VI. VISION CLAIM RESERVE VALUATION -- METHODOLOGIES 1 - 6

LAG(t)	Month	Subs	Approx Dpdnts	Estimated (MM) Approx Mems	Paid on Incurred	(1) 3 Mos. Harm CF(t)	(2) Devel'd Ultimate Inc Clms	(3) Devel'd Ult Inc Clms/MM	(4) 6 Mo Avg Inc Clms/MM	(5) Season Factor	(6) 6 Mo Avg Inc Clms/MM	(7) Credibility Factor	(8) Adj. Ult. Inc Clms/MM	(9) Adj. Ult Inc Clms	(10) Estimated Reserve @ 6/30/2022	(11) Runoff at Each Month	(12) Est Res + Runoff
0	Jun-22	1,634	3,235	4,869	14,280	0.5324	26,820	5.51	3.98	1.00	3.98	0.25	4.36	21,225	6,945	NA	7,994
1	May-22	1,621	3,210	4,831	20,582	0.9666	21,293	4.41	3.97	1.00	3.97	1	4.41	21,293	711	7,337	8,386
2	Apr-22	1,615	3,198	4,813	22,289	0.9924	22,461	4.67	3.97	1.00	3.97	1	4.67	22,461	172	12,506	12,843
3	Mar-22	1,620	3,208	4,828	17,042	0.9954	17,120	3.55	3.96	1.00	3.96	1	3.55	17,120	78	9,302	9,468
4	Feb-22	1,628	3,223	4,851	19,216	0.9961	19,291	3.98	3.95	1.00	3.95	1	3.98	19,291	75	10,029	10,117
5	Jan-22	1,638	3,243	4,881	18,489	0.9993	18,502	3.79	3.95	1.00	3.95	1	3.79	18,502	13	11,089	11,102
6	Dec-21	1,640	3,247	4,887	15,387	1.0000	15,387	3.15	3.94	1.00	3.94	1	3.15	15,387	0	7,820	7,820
7	Nov-21	1,619	3,206	4,825	22,556	1.0000	22,556	4.67	3.94	1.00	3.94	1	4.67	22,556	0	11,546	11,546
8	Oct-21	1,618	3,204	4,822	21,318	1.0000	21,318	4.42	3.93	1.00	3.93	1	4.42	21,318	0	8,814	8,814
9	Sep-21	1,611	3,190	4,801	25,188	1.0000	25,188	5.25	3.93	1.00	3.93	1	5.25	25,188	0	14,430	14,430
10	Aug-21	1,611	3,190	4,801	33,244	1.0000	33,244	6.92	3.92	1.00	3.92	1	6.92	33,244	0	16,694	16,694
11	Jul-21	1,618	3,204	4,822	37,556	1.0000	37,556	7.79	3.92	1.00	3.92	1	7.79	37,556	0	17,547	17,547
		-0.4%		-0.4%													
		#DIV/0!		#DIV/0!													

Total Reserve Estimate: 7,994

Reinsurance Adjustment Factor: 1.00

RESERVE ESTIMATE AT JUN 30, 2022	PARAMETERS		RESERVE	REINS.	ULT	OF CURRENT
A. USING A 3 MONTH HARMONIC AVERAGE CF(t):						
1. VISION CLAIM RESERVE USING A 12 MONTH PMPM AVG CHARGE:	3	12	11,379	1.00	11,379	4.26%
2. VISION CLAIM RESERVE USING A 6 MONTH PMPM AVG CHARGE:	3	6	7,994	1.00	7,994	2.99%

VI. CONTINUED .... "CLAIM RESERVE VALUATION -- METHODOLOGIES 1-6"

NOTES:

(1) 12 Month Harmonic Average Completion Factors were used in this example.

(2) Pd on Inc at lag(t) is divided by the CF(t) to develop ultimate Paid on Incurred claims.

(3) Col 2 divided by member months.

(4) 12 month avg PMPM Claims starting 3 months prior to claim cut-off w/claims centered in midpoint. We then trend up and down lag table by 2%.

(5)

(6)

(7) Credibility factors:

CF(t)	CRED FACTOR
0.00	0.00
0.25	0.10
0.50	0.25
0.55	0.45
0.60	0.60
0.65	0.70
0.70	0.80
0.75	0.90
0.80	1.00

(8) Adj Ult Inc Clms/pmpm = Cred Fact * Ult Inc Clms + (1-Cred Fact)*Avg Ult Inc Clms

(9) Adj Ult Inc Clms = Adj Ult Inc Clms/PMPM (Col 6) * # of Members

(10) Reserve = Adj Ult Inc Clms (Col 7) - Paid On Inc Claims

(11) Runoff = This is the actual run off paid claims for each month.

(12) Est Res + Runoff = This produces the best estimate of ultimate incurred claims. No adj made for Reins. Recoverables.

VII. ALTERNATIVE RESERVE METHODS - METHODOLOGIES 7 - 10

METHOD: AVERAGE PAID or INCURRED CLAIMS MULTIPLIED BY AVERAGE NUMBER OF MONTHS UNPAID

			"12 Mos Harm"				Unadjusted Reserve Using a "6 Mos Harm"	Unadjusted Reserve Using a "3 Mos Harm"
		Avg Monthly Cost	Avg # of Mos Unpaid	Unadjusted Reserve	Adj for Rein Recover	= Est Reserve	Avg # of Mos Unpaid	Avg # of Mos Unpaid
7.	USING MOST CURRENT 12 MOS. PAID:	22,262	0.5195	$11,565	1.00	11,565	$11,770	$11,526
8.	USING MOST CURRENT 6 MOS. PAID:	19,953	0.5195	$10,366	1.00	10,366	$10,549	$10,330
10.	USING 6 MOS. OF INCURRED CLAIMS 3 MONTHS PRIOR TO CLAIMS CUTOFF:	19,029	0.5195	$9,886	1.00	9,886	$10,060	$9,852
							0.5287	0.5177

Section 4: Supporting Documents (Available Upon Request)

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Informational Only- Review of Health Benefits Trust Fund Financial Statements for 2021-2022 Plan Year (Randee Stinson/Angeline Woods)

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
Pinal County Financials for 2021-2022 Plan Year

PINAL COUNTY

WIDE OPEN OPPORTUNITY

Employee Health Benefits Trust Fund
Unaudited Financial Statements
Year Ending June 30, 2022

Pinal County, Arizona - Employee Health Benefits Trust Fund
Unaudited Schedule of Revenues, Expenditures, and Changes in Net Position For the Year Ending June 30, 2022

	FY 2022 Actual
OPERATING REVENUES	
Employee Contributions	
Medical	1,862,197
Dental	1,244,053
Vision	286,006
Voluntary Products	1,403,669
HSA/EE	364,276
FSA/EE	708,286
Employer Contributions	
Medical	14,918,740
Dental	365,844
Vision	88,621
Voluntary Products	788,203
HSA/ER	194,089
FSA/ER	682,103
Cobra Contributions	27,654
Rebates	1,808,561
Wellness Reimbursement	57,528
Miscellaneous Revenue	164,667
Interest Revenue	29,806
Total Operating Revenues	24,994,301
OPERATING EXPENSES	
Administrative	
Medical	854,857
Medical Stop Loss	493,529
Dental	74,203
Vision	32,595
Claims	
Medical	15,665,736
Prescription	4,492,360
Dental	1,367,989
Vision	300,691
Professional & Outside Services	54,400
Wellness	
Preventative Well Being	63,060
EAP	39,130
Employer Provided Insurance	
Short Term Disability	602,868
Life Insurance	615,210
Health Savings Accounts	529,927
Flexible Spending Accounts	1,334,710
Voluntary Products	832,473
Miscellaneous Expenses	31,621
Total Operating Expenditures	27,385,360
Excess (deficiency) of revenues over expenditures	(2,391,058)

Pinal County, Arizona
Health Benefits Trust Fund - Unaudited Balance Sheet
For the Year Ending June 30, 2022

	FY 2022 Actual
ASSETS	
Cash and Cash Equivalent	8,476,936
Accounts Receivable	951,950
Prepaid Expenses	3,611
Total Assets	9,432,497
LIABILITIES	
Accounts Payable	415,306
Claims - incurred but not reported (IBNR)	2,908,250
Total Liabilities	3,323,556
TOTAL NET ASSET (deficit)	**$ 6,108,942**

Pinal County, Arizona - Employee Health Benefits Trust Fund
Unaudited Schedule of Revenues, Expenditures, and Changes in Net Position For the Year Ending June 30, 2022

	FY 2022 Actual
OTHER FINANCING SOURCES (USES)	
Transfers In	8,500,000
Total Other Financing Sources (uses)	8,500,000
Change in Fund Balances	**$ 6,108,942**

PINAL COUNTY

WIDE OPEN OPPORTUNITY

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Informational Only- Presentation on cost drivers for today's plan sponsors and what can be done to combat these rising costs by Michael Zucarelli, PharmD. (Danielle Watkins)

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
No Attachments Available

PINAL COUNTY

WIDE OPEN OPPORTUNITY

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Informational Only- Discussion of items to include in future Health Benefits Trust meeting agenda

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
No Attachments Available

PINAL COUNTY

WIDE OPEN OPPORTUNITY

AGENDA ITEM

September 27, 2022 ADMINISTRATION BUILDING A
FLORENCE, ARIZONA

REQUESTED BY:

Funds #:

Dept. #:

Dept. Name:

Director:

BRIEF DESCRIPTION OF AGENDA ITEM AND REQUESTED BOARD ACTION:

Posted this 21st day of September, 2022 around 4:00 p.m.

BRIEF DESCRIPTION OF THE FISCAL CONSIDERATIONS AND/OR EXPECTED FISCAL IMPACT OF THIS AGENDA ITEM:

BRIEF DESCRIPTION OF THE EXPECTED PERFORMANCE IMPACT OF THIS AGENDA ITEM:

MOTION:

History

Time	Who	Approval

ATTACHMENTS:

Click to download
No Attachments Available