



2355 Crenshaw Blvd.
 Suite 200
 Torrance, CA 90501
 P.O. Box 4328
 Torrance, CA 90510

310 212-3344
 310 212-0360 fax
 www.keenan.com
 License No. 0451271

February 3, 2022

Mr. Mario Cabrera
 Financial Reporting & Audits Division Chief
 Auditor-Controller/Treasurer-Tax Collector
 Financial Reporting & Audits
 2281 Tulare St., Room 105
 Fresno, CA 93721

**SJVIA – COUNTY OF FRESNO
 INCURRED BUT NOT REPORTED (IBNR) RESERVES AS OF DECEMBER 31, 2021**

Dear Mario:

We have estimated the “Incurred But Not Reported” (IBNR) claims reserves for the self-funded medical, prescription drug and dental plans for County of Fresno as of December 31, 2021.

CLAIM EXPERIENCE – JANUARY 1, 2021 TO DECEMBER 31, 2021

We analyzed the experience in the past 12 months to determine the actual lag between the incurred and payment dates of the medical and drug claims.

Coverage	Paid Claims	Average Monthly Employees	Per Employee Per Month (PEPM)
Medical	\$36,794,854	3885	\$789.25
Prescription Drug	\$12,947,565	3885	\$277.73
Dental	\$2,800,016	4680	\$49.86
Total	\$52,542,435	N/A	\$1,116.84

KEENAN’S IBNR ACTUARIAL RESERVE METHODOLOGY

In Keenan’s IBNR actuarial reserve calculation, the estimated outstanding claims at the end of the period (ending IBNR) is calculated based on the Bornhuetter-Ferguson actuarial method. Under this method, the IBNR is determined based on completion factors and expected incurred claims. The completion factors are derived from actual claim lag data which takes into account the claim payment pattern. When the groups are small, the completion factors are blended with the industry norm completion factors. The IBNR claim reserve is estimated as the sum, for all prior months, of the expected incurred claim for the month multiplied by the proportion of claims expected to still be outstanding based on the completion factors.

Based on our analysis, we estimated the following unpaid claim liabilities for County of Fresno:

Coverage	Number of Employees in December 2021	Reserves on 12/31/2021
Medical	3911	\$3,957,539
Prescription Drug	3911	\$776,854
Dental	4684	\$139,878
Total	N/A	\$4,874,271

ESTIMATED IBNR RESERVES AS OF DECEMBER 31, 2021

Finally, the claims reserves are adjusted to reflect, among other things, claims fluctuation margins, retroactive claim adjustments and enrollment fluctuation. The final reserves are shown below:

Coverage	Reserves on 12/31/2021	Adjustment Factor	IBNR on 12/31/2021
Medical	\$3,957,539	1.15	\$4,551,170
Prescription Drug	\$776,854	1.15	\$893,380
Dental	\$139,878	1.15	\$160,860
Total	\$4,874,271	1.15	\$5,605,410

CERTIFICATION

The costs, liabilities and other factors under the plan were determined in accordance with generally accepted actuarial principles and procedures. The IBNR reserve calculations reported herein are consistent with our understanding of the Bornhuetter-Ferguson actuarial method. The actuarial assumptions are reasonable and represent our best estimate of the anticipated experience under the plan.

The undersigned credentialed actuary meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this report.

Sincerely,



Christine Hough, FSA, FCA, MAAA
Vice President & Actuary

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