Medicaid Analysis Report

Comprehensive Healthcare Provider & Service Analysis

2018 - 2024 Data Summary

$564.38B	5.52B	35
Total Medicaid Payments	Total Claims Processed	Unique Service Codes

HHS Healthcare Provider Spending Analysis

Section 1: Top Reasons for Medical Visits

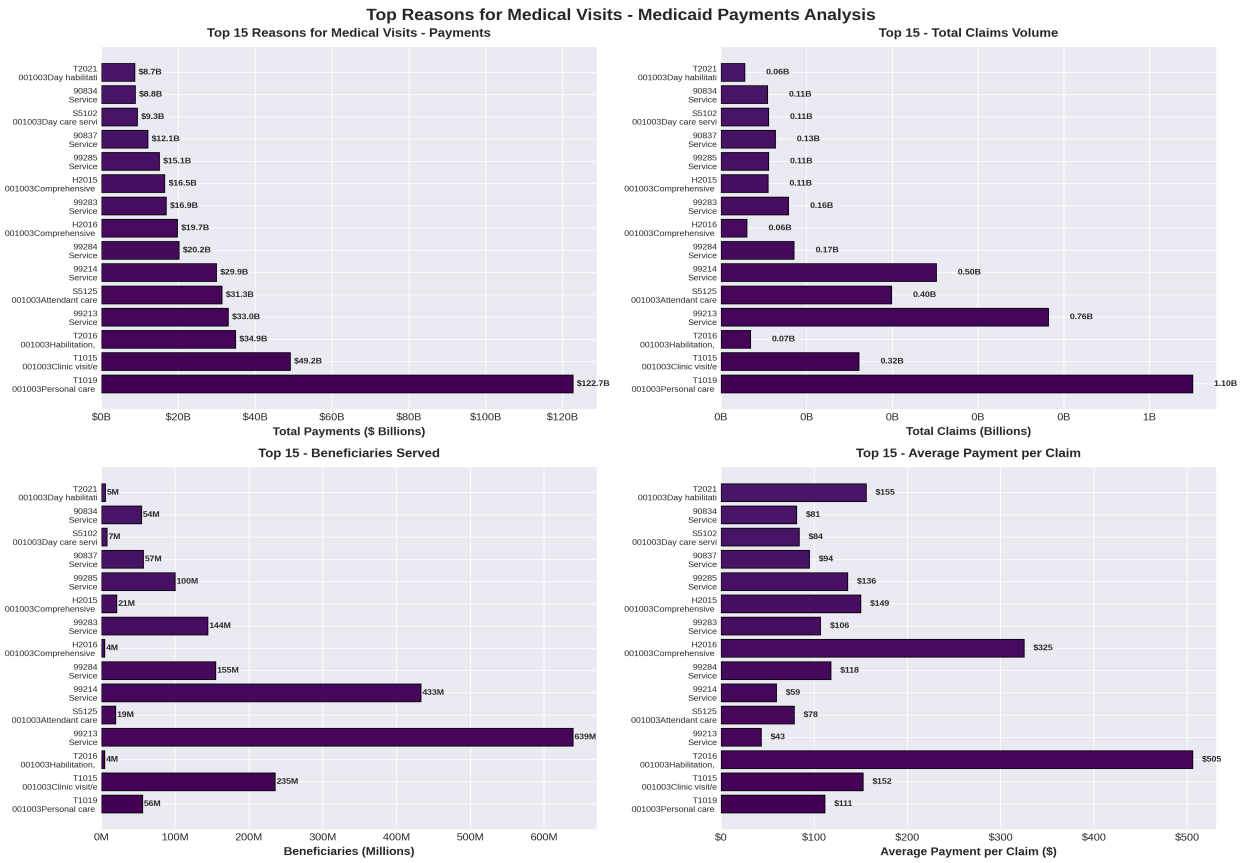
Medicaid Payments Analysis (2018-2024)

Metric	Value
Total Medicaid Payments (All Services)	$564.38 Billion
Total Claims (All Services)	5.52 Billion
Unique Service Codes	35
Top 15 Services Account For	75.9% of Total Payments

Top 15 Services by Total Payment

Rank	HCPCS Code	Service Description	Total Paid	Claims	Beneficiaries	Avg/Claim
1	T1019	Personal care services, per 15 min	$122.74B	1.10B	55.7M	$111
2	T1015	Clinic visit/encounter, all-inclusive	$49.15B	0.32B	235.4M	$152
3	T2016	Habilitation, residential, waiver	$34.90B	0.07B	4.4M	$505
4	99213	Office visit - established patient	$33.00B	0.76B	639.4M	$43
5	S5125	Attendant care services, per 15 min	$31.34B	0.40B	19.4M	$78
6	99214	Office visit - established patient	$29.91B	0.50B	432.9M	$59
7	99284	Emergency department visit	$20.15B	0.17B	154.9M	$118
8	H2016	Comprehensive community support	$19.75B	0.06B	4.2M	$325
9	99283	Emergency department visit	$16.87B	0.16B	144.3M	$106
10	H2015	Comprehensive community support	$16.47B	0.11B	20.8M	$149

Visual Analysis - Top Services Distribution



Charts showing distribution of payments, claims, beneficiaries, and average payment per claim across top services

Section 2: Top Service Providers and Beneficiaries

Top Service Providers by Total Payment

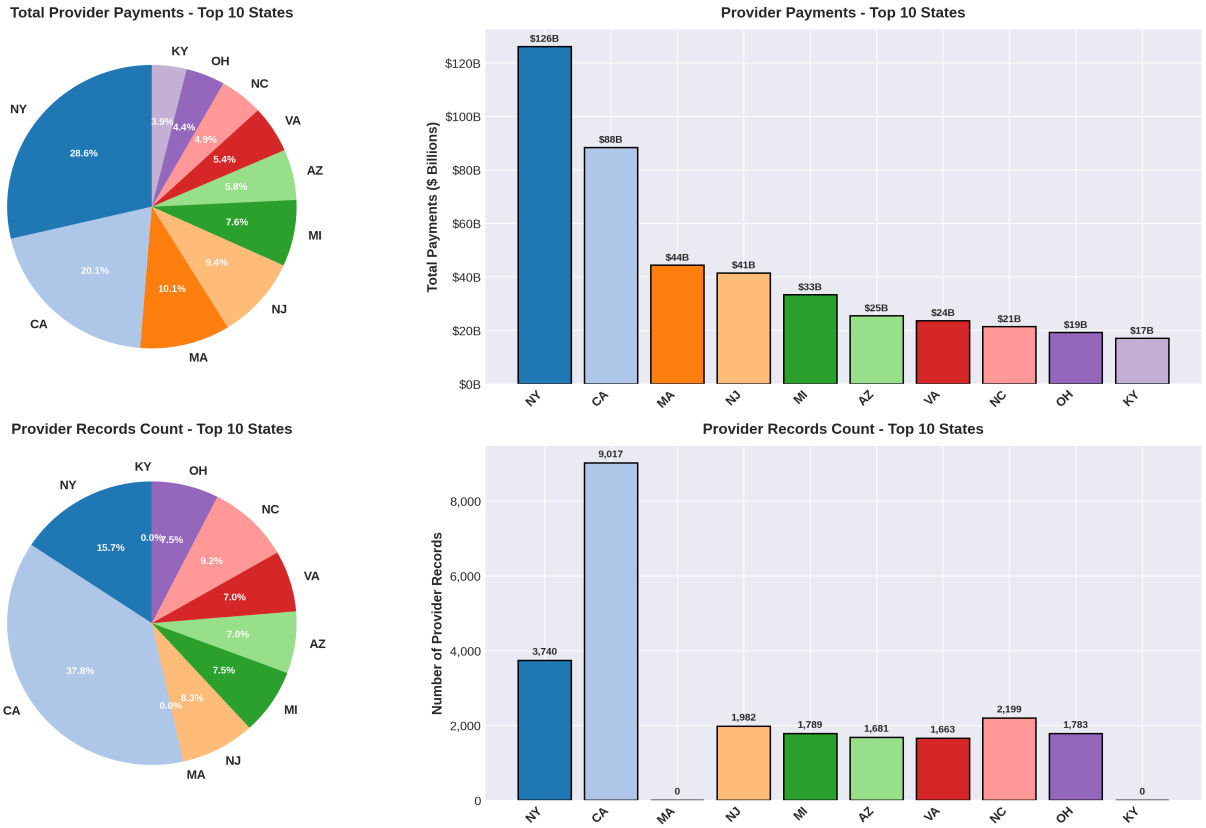
Rank	Provider Name	State	Total Payment	Beneficiaries	Total Claims
1	PUBLIC PARTNERSHIPS LLC	NY	$6.92B	5.32M	86.03M
2	TEMPUS UNLIMITED, INC.	MA	$5.60B	3.47M	65.01M
3	FREEDOM CARE LLC	NY	$3.03B	1.19M	21.98M
4	GUARDIANTRAC. LLC	MI	$2.13B	2.03M	26.90M
5	CONSUMER DIRECT CARE NETWORK VA	MT	$2.11B	1.07M	22.16M
6	MODIVCARE SOLUTIONS, LLC	CO	$2.07B	12.19M	85.34M
7	AMERICAN BUSINESS INSTITUTE	NY	$1.68B	463K	11.24M
8	PREMIER HOME HEALTH CARE	NY	$1.48B	358K	7.93M

Revenue Concentration Analysis

Rank	Provider Name	State	Total Revenue	% of Total	Cumulative %
1	Unspecified/Aggregate	N/A	$102.42B	9.37%	9.37%
2	PUBLIC PARTNERSHIPS LLC	NY	$6.92B	0.63%	10.00%
3	TEMPUS UNLIMITED, INC.	MA	$5.60B	0.51%	10.51%
4	FREEDOM CARE LLC	NY	$3.03B	0.28%	10.79%
5	GUARDIANTRAC. LLC	MI	$2.13B	0.19%	11.18%
6	CONSUMER DIRECT CARE NETWORK VA	MT	$2.11B	0.19%	11.38%
7	MODIVCARE SOLUTIONS, LLC	CO	$2.07B	0.19%	11.57%
8	AMERICAN BUSINESS INSTITUTE	NY	$1.68B	0.15%	11.72%
9	PREMIER HOME HEALTH CARE	NY	$1.48B	0.14%	11.86%

Visual Analysis - Provider Distribution & Metrics

HHS Medicaid Analysis - Top 10 States (50,000 Records)



Charts showing distribution of provider payments, beneficiaries served, state distribution, and revenue concentration

Section 3: SQL Code Examples

Code 1: Create NPI Data File View

```
CREATE OR REPLACE VIEW nppes AS SELECT "NPI", CASE WHEN "Entity Type Code" = '2' THEN "Provider Organization Name (Legal Business Name)" ELSE TRIM( COALESCE("Provider Last Name (Legal Name)", '') || ', ' || COALESCE("Provider First Name", '') || ' ' || COALESCE("Provider Middle Name", '') || ' ' || COALESCE("Provider Credential Text", '') ) END AS provider_name, "Provider Organization Name (Legal Business Name)" AS org_name, "Provider Last Name (Legal Name)" AS last_name, "Provider First Name" AS first_name, "Provider Credential Text" AS credentials, "Provider Business Practice Location Address City Name" AS practice_city, "Provider Business Practice Location Address State Name" AS practice_state, "Provider Business Practice Location Address Postal Code" AS practice_zip, "Healthcare Provider Taxonomy Code_1" AS primary_taxonomy_code, "Healthcare Provider Primary Taxonomy Switch_1" AS primary_switch FROM read_csv_auto( '/Users/Desktop/npidata_pfile_20050523-20260208.csv', all_varchar = true ) WHERE "NPI" IS NOT NULL AND ("NPI Deactivation Date" = '' OR "NPI Deactivation Date" IS NULL);
```

Code 2: Get Top 10 Medicaid Provider Spending Data

```
WITH top_providers AS ( SELECT SERVICING_PROVIDER_NPI_NUM AS npi, SUM(TOTAL_PAID) AS total_paid, SUM(TOTAL_CLAIMS) AS total_claims, SUM(TOTAL_UNIQUE_BENEFICIARIES) AS approx_beneficiaries, ROUND(AVG(TOTAL_PAID / NULLIF(TOTAL_CLAIMS, 0)), 2) AS avg_paid_per_claim FROM read_csv_auto('/Users/Desktop/medicaid-provider-spending.csv') GROUP BY SERVICING_PROVIDER_NPI_NUM ORDER BY total_paid DESC LIMIT 10 ) SELECT t.npi, n.provider_name, n.org_name, n.practice_city, n.practice_state, n.practice_zip, n.primary_taxonomy_code, t.total_paid, t.total_claims, t.approx_beneficiaries, t.avg_paid_per_claim FROM top_providers t LEFT JOIN nppes n ON t.npi = n."NPI" ORDER BY t.total_paid DESC;
```

Code 3: Get 90% Service Provider by State - Spending Data

```
WITH grand_total AS ( SELECT SUM(TOTAL_PAID) AS total_revenue FROM read_csv_auto('/Users/Desktop/medicaid-provider-spending.csv') ), provider_revenue AS ( SELECT SERVICING_PROVIDER_NPI_NUM AS npi, SUM(TOTAL_PAID) AS provider_total_paid FROM read_csv_auto('/Users/Desktop/medicaid-provider-spending.csv') GROUP BY SERVICING_PROVIDER_NPI_NUM ), ranked AS ( SELECT p.npi, p.provider_total_paid, p.provider_total_paid / g.total_revenue AS pct_of_total, SUM(p.provider_total_paid) OVER (ORDER BY p.provider_total_paid DESC) / g.total_revenue AS cumulative_pct FROM provider_revenue p CROSS JOIN grand_total g ) SELECT r.npi, n.provider_name, n.practice_state, ROUND(r.provider_total_paid, 2) AS total_paid, ROUND(r.pct_of_total * 100, 2) AS pct_of_total, ROUND(r.cumulative_pct * 100, 2) AS cumulative_pct_revenue FROM ranked r LEFT JOIN nppes n ON r.npi = n."NPI" WHERE r.cumulative_pct <= 0.90 ORDER BY r.provider_total_paid DESC;
```

Code 4: Get Top Reason for Visit

```
WITH grand_total AS ( SELECT SUM(TOTAL_PAID) AS total_revenue FROM
read_csv_auto('/Users/Desktop/medicaid-provider-spending.csv') ), code_revenue AS ( SELECT
HCPCS_CODE, SUM(TOTAL_PAID) AS total_paid, SUM(TOTAL_CLAIMS) AS total_claims,
SUM(TOTAL_UNIQUE_BENEFICIARIES) AS approx_beneficiaries, ROUND(SUM(TOTAL_PAID) /
NULLIF(SUM(TOTAL_CLAIMS), 0), 2) AS avg_paid_per_claim FROM
read_csv_auto('/Users/Desktop/medicaid-provider-spending.csv') GROUP BY HCPCS_CODE ), ranked AS
( SELECT c.HCPCS_CODE, c.total_paid, c.total_claims, c.approx_beneficiaries,
c.avg_paid_per_claim, d.short_description, d.long_description, ROUND(c.total_paid /
g.total_revenue * 100, 2) AS pct_of_total, SUM(c.total_paid) OVER (ORDER BY c.total_paid DESC)
/ g.total_revenue AS cumulative_pct FROM code_revenue c LEFT JOIN hcpcs_desc d ON c.HCPCS_CODE
= d.hcpcs_code CROSS JOIN grand_total g ) SELECT HCPCS_CODE, short_description,
long_description, total_paid, pct_of_total, ROUND(cumulative_pct * 100, 2) AS
cumulative_pct_revenue, total_claims, approx_beneficiaries, avg_paid_per_claim FROM ranked
WHERE cumulative_pct <= 0.90 ORDER BY total_paid DESC;
```