



**SnapShot Health**

CONNECTED CARE. BETTER OUTCOMES.

2025 State of

# Remote Patient Monitoring

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Annual Report

**46%**

of hospitals  
offer RPM

**50M**

Americans  
using RPM

**\$43B**

global market  
size 2024

**29%**

YoY Medicare  
claims growth

January 2025

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## EXECUTIVE SUMMARY

Remote Patient Monitoring (RPM) has evolved from an emerging technology to a mainstream healthcare delivery model. This report analyzes the current state of RPM adoption, clinical outcomes, reimbursement landscape, and key trends shaping the industry in 2025 and beyond.

### What is RPM?

Remote Patient Monitoring uses FDA-cleared medical devices to collect patient health data at home and automatically transmit it to healthcare providers. Common devices include blood pressure cuffs, smart scales, pulse oximeters, and glucose monitors.

## KEY FINDINGS

- 46% of U.S. hospitals now offer RPM services (up from 33% in 2018)
- 50 million Americans currently use RPM software and devices
- The global RPM market reached \$43 billion in 2024
- Medicare RPM claims increased 29% from 2022 to 2023
- 71 million Americans (26% of population) expected to use RPM by end of 2025
- RPM reduces Stage 2 hypertension by up to 75% over 12 months

## THE BIG PICTURE: RPM IS GROWING FAST

Remote Patient Monitoring adoption has accelerated dramatically since the COVID-19 pandemic. What was once considered cutting-edge technology is now becoming standard practice across healthcare settings.

Metric	Value	Context
Hospital RPM Adoption	46%	Up from 33% in 2018
Americans Using RPM	50 million	Projected 71M by end of 2025
Global Market Size (2024)	\$43 billion	12-19% annual growth
Medicare Claims Growth	29%	Year-over-year (2022-2023)
Provider Expansion	75%	Have expanded RPM since pandemic

**Why This Growth Matters:** When nearly half of all U.S. hospitals offer RPM, it signals a fundamental shift in how healthcare is delivered. Patients increasingly expect the convenience of home-based monitoring, and providers are recognizing both the clinical and financial benefits.

## HOW RPM WORKS

Remote Patient Monitoring follows a straightforward four-step process that connects patients at home with their healthcare providers:

STEP 1	STEP 2	STEP 3	STEP 4
Device Setup	Daily Readings	Auto Transmit	Clinical Review
<b>FDA-cleared device ships to patient</b>	<b>Patient takes readings daily</b>	<b>Data sends via cellular/WiFi</b>	<b>Care team reviews &amp; contacts patient</b>

## COMMON RPM DEVICES

**Blood Pressure Cuff:** Measures how hard the heart is pumping. Most common RPM device.

**Smart Scale:** Tracks daily weight. Critical for heart failure patients.

**Pulse Oximeter:** Clips on finger to measure blood oxygen. Essential for COPD patients.

**Glucose Monitor:** Checks blood sugar for diabetes management.

**Important:** RPM devices must be FDA-cleared and transmit data automatically. Manual recording does NOT qualify for Medicare billing.

## CLINICAL EVIDENCE: DOES RPM WORK?

Research studies and real-world data consistently demonstrate that RPM improves patient outcomes.

### BLOOD PRESSURE RESULTS (90-DAY STUDY)

Measure	Before RPM	After 90 Days	Improvement
Patients with uncontrolled BP	66%	40%	▼ 26 points
Average systolic pressure	152 mmHg	135 mmHg	▼ 17 mmHg
Stage 2 hypertension	100%	25%	▼ 75 points

### KEY RESULTS FROM 2024 RESEARCH

- RPM reduced Stage 2 hypertension by **75%** over 12 months
- Patients using RPM had **9% fewer** emergency room visits
- Blood pressure dropped an average of **10-17 mmHg** with daily monitoring
- Hospital readmissions reduced by up to **38%** in some programs
- Even patients with multiple chronic conditions saw improvements

## MEDICARE BILLING CODES & REVENUE

Medicare reimburses healthcare providers for RPM services through specific CPT billing codes. Understanding these codes is essential for building a sustainable RPM program.

### 2025 MEDICARE RPM BILLING CODES

Code	Payment	Description	Frequency
99453	\$19.73	One-time setup and patient education	Once
99454	\$43.03	Device supply & data collection (16+ days)	Monthly
99457	\$47.87	First 20 minutes of clinical time	Monthly
99458	\$38.49	Each additional 20 minutes	Monthly+

### REVENUE EXAMPLE

A practice with **100 RPM patients**, each generating ~\$130/month (99454 + 99457 + one 99458):

Monthly Revenue	Annual Revenue
\$13,000	\$156,000

## TOP CHALLENGES IN 2025

While RPM offers significant benefits, healthcare providers face several challenges:

### Patient Engagement

Some patients stop using devices after a few weeks. The 16-day monthly requirement means practices lose revenue when patients don't take readings consistently.

### Documentation Burden

Medicare requires detailed records of every minute spent on RPM. Staff must track time carefully to avoid audit problems.

### EHR Integration

Getting RPM data into electronic health records can be technically challenging. Some devices don't integrate seamlessly with all EHR systems.

### Tech-Averse Patients

Older patients may struggle with technology. Simple cellular devices that don't require WiFi or apps help address this barrier.

### Staff Training

Clinical staff need proper training on device setup, troubleshooting, data interpretation, and documentation requirements.



## KEY TRENDS FOR 2025

### **Trend 1: Cellular Devices Are Winning**

Devices using cellular networks (4G/5G) are now the standard. Patients don't need WiFi or smartphones—they simply take their reading and the device transmits automatically.

### **Trend 2: AI-Powered Alerts**

Artificial intelligence now helps identify which patients need attention first. AI flags the most urgent cases so nurses can prioritize their outreach.

### **Trend 3: RPM + CCM Together**

Smart practices combine Remote Patient Monitoring with Chronic Care Management for the same patients—better care AND more revenue.

### **Trend 4: Specialist Adoption**

RPM is expanding beyond primary care. Cardiologists, pulmonologists, and endocrinologists are now among the fastest-growing adopters.

### **Trend 5: Value-Based Integration**

Payers are increasingly incorporating RPM into value-based care contracts, recognizing its role in reducing hospitalizations.

## MARKET PROJECTIONS 2025-2033

The RPM market is projected to experience substantial growth over the next decade:

Metric	2024	2033	Growth
Global RPM Market	\$43B	<b>\$100-137B</b>	12-19% CAGR
U.S. RPM Users	50M	<b>100M+</b>	~100%
Hospital Adoption	46%	<b>70%+</b>	Expansion
Cardiology Share	34%	<b>30-35%</b>	#1 Segment

## KEY PROJECTIONS

- RPM market projected to reach **\$100-137 billion** by 2033
- **71 million Americans** (26% of population) expected to use RPM by end of 2025
- **75%** of healthcare providers have already expanded RPM since the pandemic
- Cardiology remains the **#1 RPM application** (34% of market)
- Diabetes and respiratory conditions are **fastest-growing segments**

## KEYS TO RPM SUCCESS

The practices that succeed with RPM share these common traits:

### Use Simple Cellular Devices

Choose devices that don't require WiFi, apps, or technical knowledge. Cellular-enabled devices that work out of the box dramatically improve patient adoption.

### Assign Dedicated Staff

Designate specific team members to monitor alerts and call patients. RPM requires consistent attention—it can't be an afterthought.

### Combine RPM with CCM

Patients who qualify for RPM often qualify for Chronic Care Management. Combining both improves outcomes and maximizes revenue.

### Focus on Patient Engagement

Proactively support patients to maintain the 16-day monthly minimum. Regular check-ins and encouragement improve compliance.

### Document Carefully

Implement robust time-tracking and documentation from day one. Detailed records protect against audits and ensure proper reimbursement.

### Start with the Right Patients

Begin with engaged patients who have clear clinical needs. Early wins build momentum and staff confidence.

## ABOUT SNAPSHOT HEALTH



SnapShot Health provides comprehensive Remote Patient Monitoring and Chronic Care Management solutions for healthcare practices of all sizes.

### OUR SERVICES INCLUDE:

- Cellular-enabled monitoring devices shipped directly to patients
- 24/7 clinical monitoring and alert management
- Dedicated care coordination staff
- Complete documentation and billing support
- EHR integration assistance
- Patient onboarding and engagement programs
- Compliance and audit protection

### Ready to Start Your RPM Program?

Contact SnapShot Health to learn how we can help you launch or scale your Remote Patient Monitoring program with minimal effort and maximum results.

[www.snapshothealth.com](http://www.snapshothealth.com)

## Sources

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American Hospital Association Annual Survey (2018-2022 hospital RPM adoption data); CMS Medicare Physician Fee Schedule 2025; Yale School of Medicine/medRxiv study on national RPM patterns; Grand View Research, Markets and Markets, Straits Research (market size projections); Peer-reviewed studies from Journal of Human Hypertension, MDPI Healthcare, American Journal of Managed Care, and PMC (clinical outcomes data); University of Pittsburgh Medical Center (readmission reduction data); Prevounce Health and HealthArc (industry statistics); American Heart Association policy research.

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