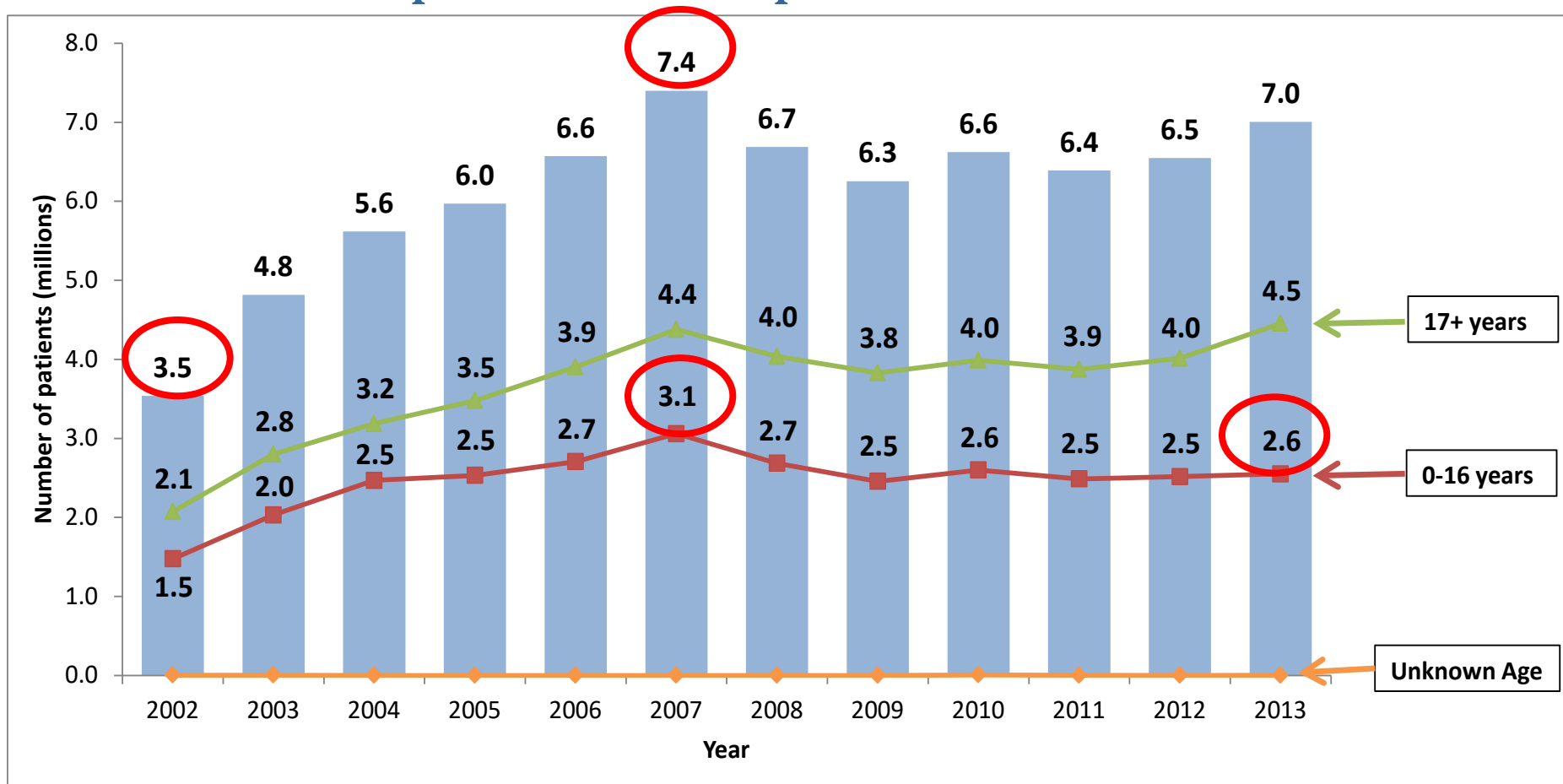




Montelukast Drug Utilization

Patients receiving dispensed prescriptions for montelukast by patient age from U.S. outpatient retail pharmacies



Source: IMS Health, Vector One®: Total Patient Tracker. Years 2002-2013. Data extracted August 2014.

Patients receiving dispensed prescriptions for montelukast by patient age

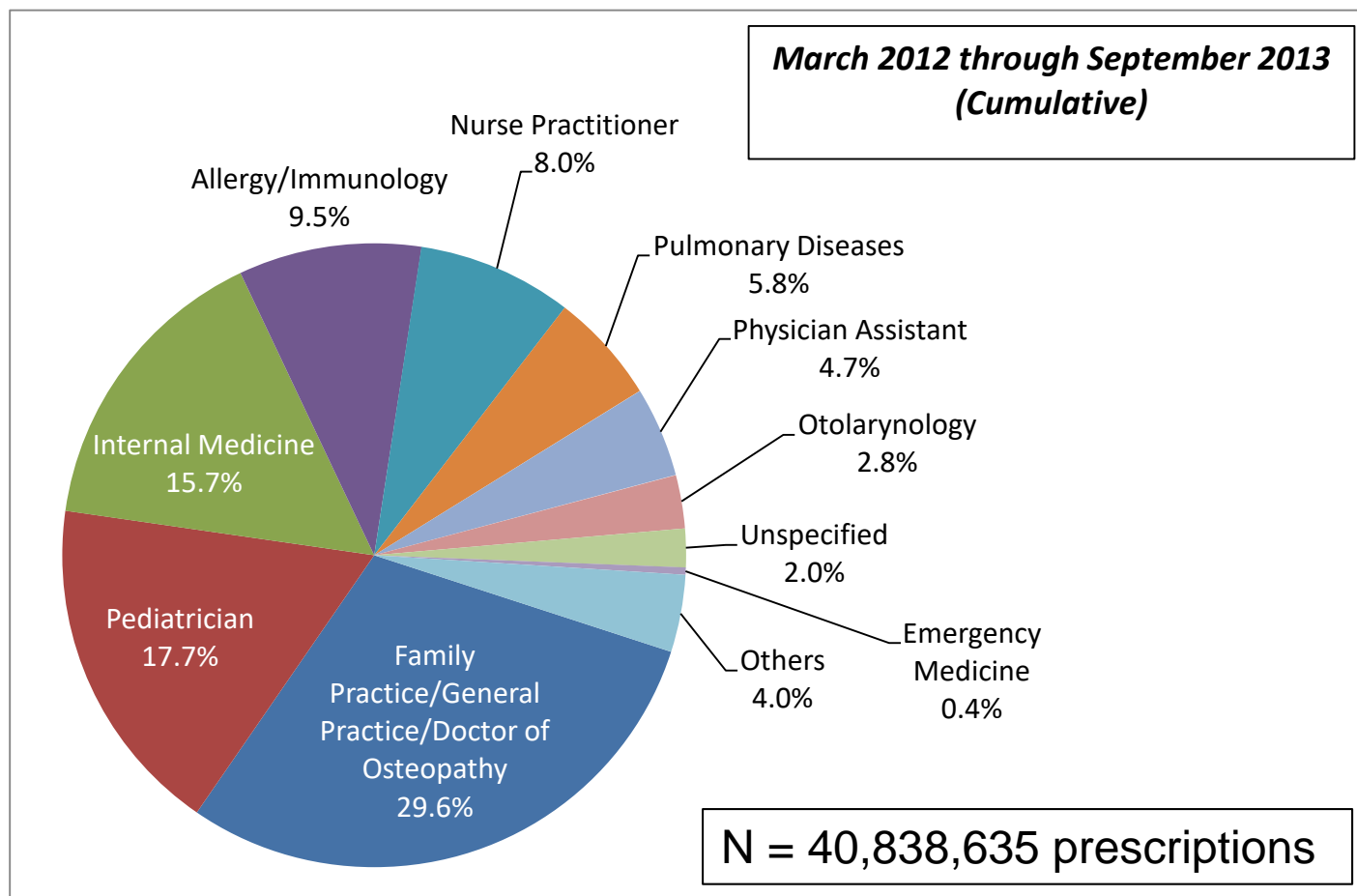
	Cumulative 3/2012-9/2013	
	# of Patients	% Share
Total Patients	8,798,502	100.00%
0-16 years	3,307,328	37.59%
0-1 years	200,588	6.06%
2-5 years	955,779	28.90%
6-11 years	1,562,665	47.25%
12-16 years	872,092	26.37%
17+ years	5,500,621	62.52%
Unknown Age	2,232	0.03%

Source: IMS Health, Vector One®: Total Patient Tracker. March 2012 to September 2013. Data extracted May 2014.

*Patient age groups are inclusive of all patients up to the day before their next birthday. For example, patients aged 0 - 16 years includes patients aged 16 years and 11 months.

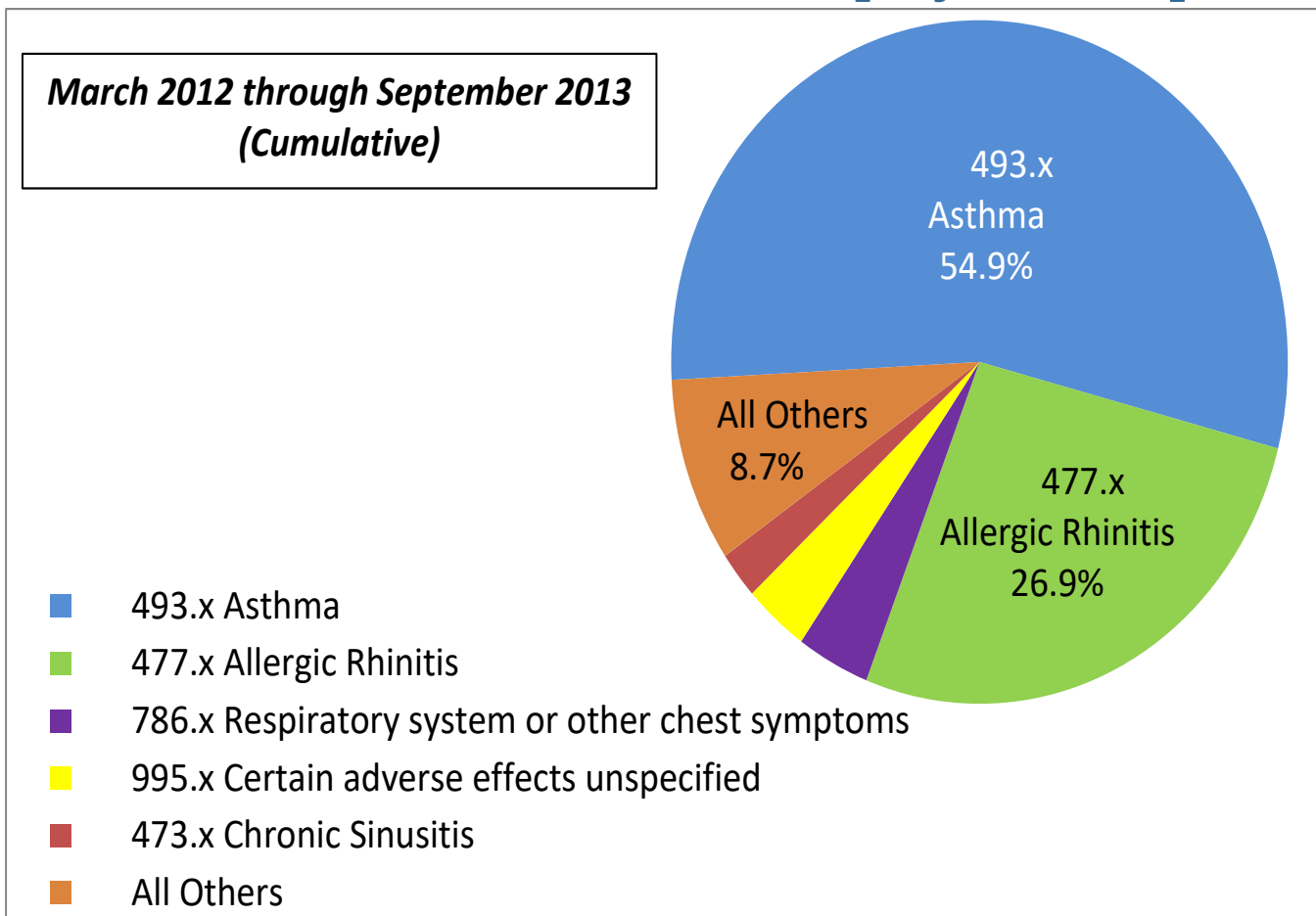
**Summing patients across patient age bands is not advisable and will result in double counting and overestimates of patient counts.

Top 10 specialties prescribing dispensed prescriptions for montelukast from U.S. outpatient retail pharmacies



Source: IMS Health, National Prescription Audit™. March 2012 to September 2013. Data extracted May 2014.

Top 5 diagnoses associated with montelukast use in *pediatric patients (0-16 years)* as reported from U.S. office-based physician practices



Source: Encuity Research, LLC., TreatmentAnswers™. March 2012 to September 2013. Data extracted July 2014.

Acknowledgments

- Rajdeep Gill, Pharm.D.
- Hina Mehta, Pharm.D.
- Tracy Pham, Pharm.D.
- Judy Staffa, Ph.D., R.Ph.