



Supporting General Practice through Quality Practice Team Information

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Secondary use of Primary Care data

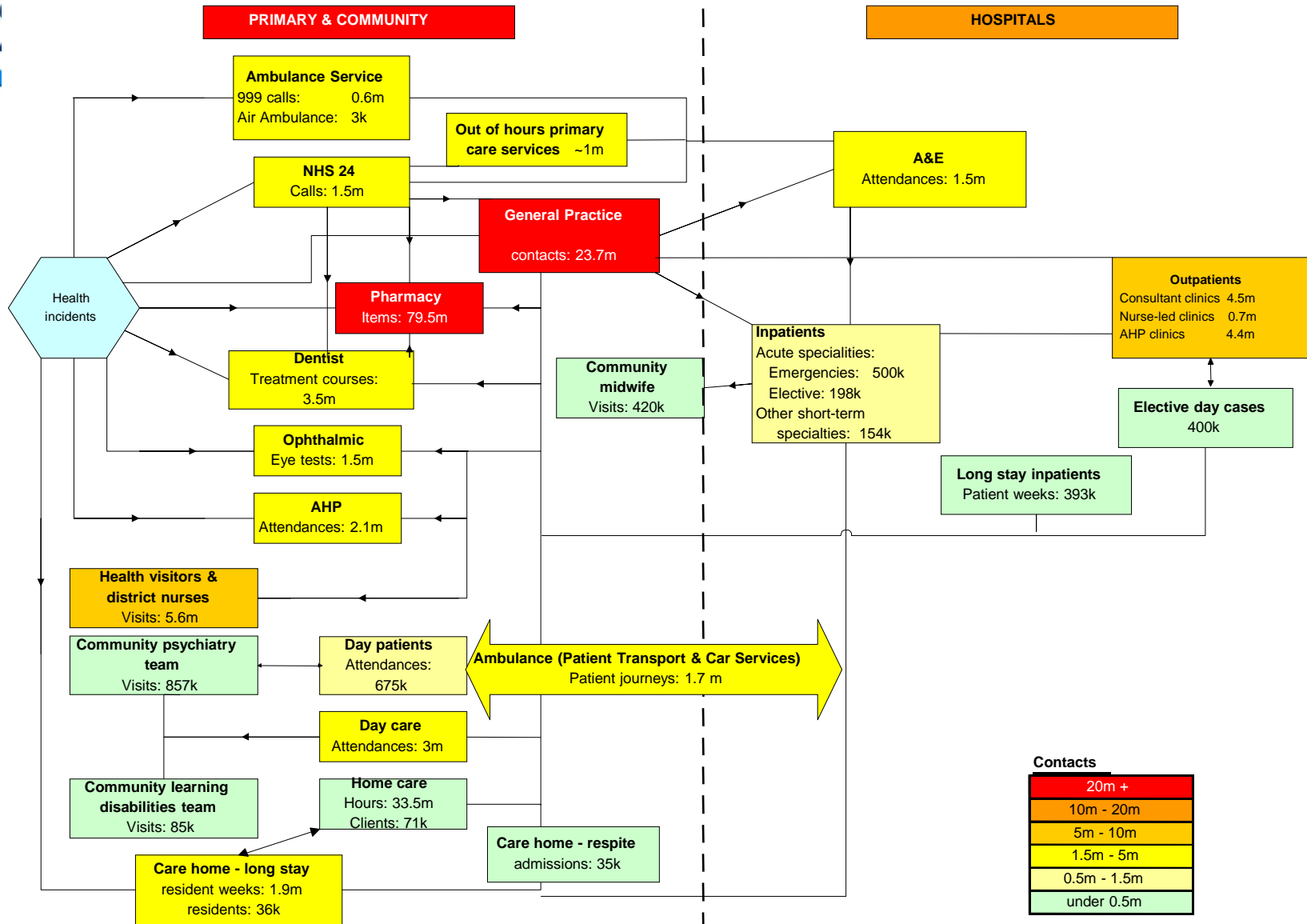


- Contract management
- Workforce planning
- Policy development/monitoring
- Quality improvement interventions
- Resource allocation
- Audit
- Epidemiological research
- Clinical trials

“Primary Care is at the heart of the NHS in Scotland and will be central to delivering these quality improvements. Indeed for many patients it *is* the NHS. It accounts for around 90 per cent of all patient contact and, as the gateway to secondary care, is both the start and the end point of most patient journeys.”

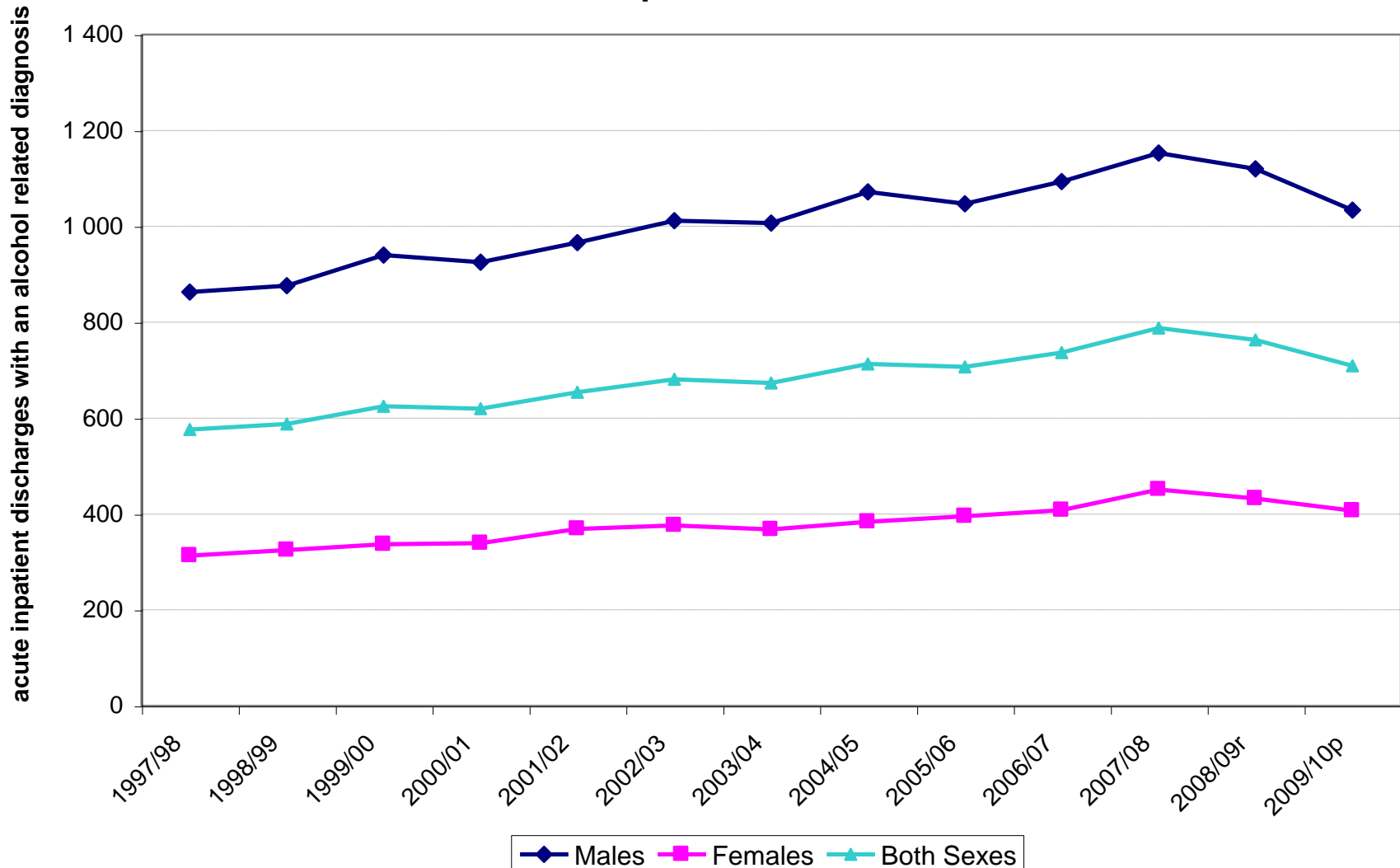
Delivering Quality in Primary Care National Action Plan, 2010.

Scottish Health and Care Activity 2006/07



Note: the diagram excludes some other services provided in the community

Alcohol-related hospital admissions, 1997/98 - 2009/10



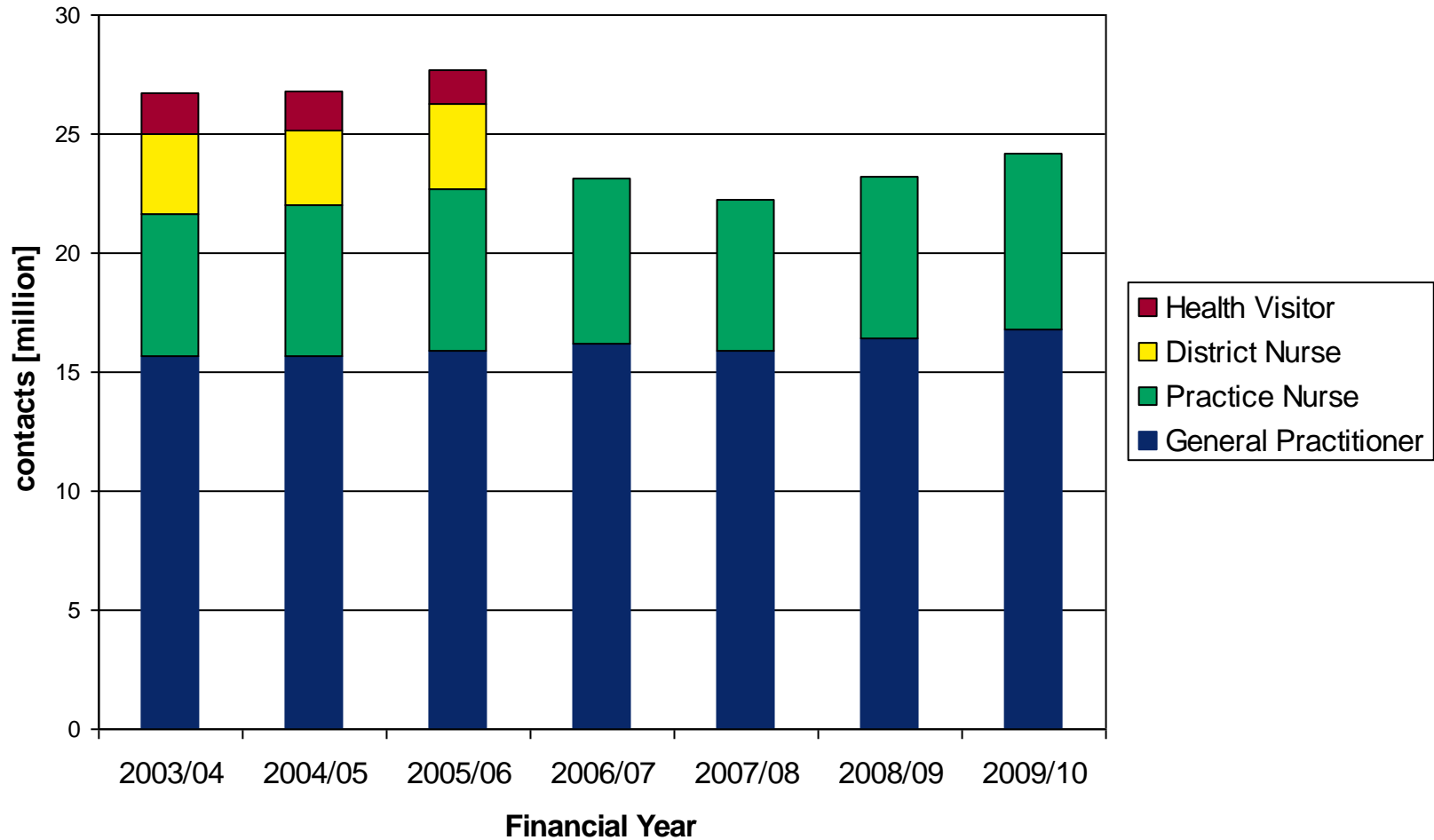


Practice Team Information scheme (PTI)



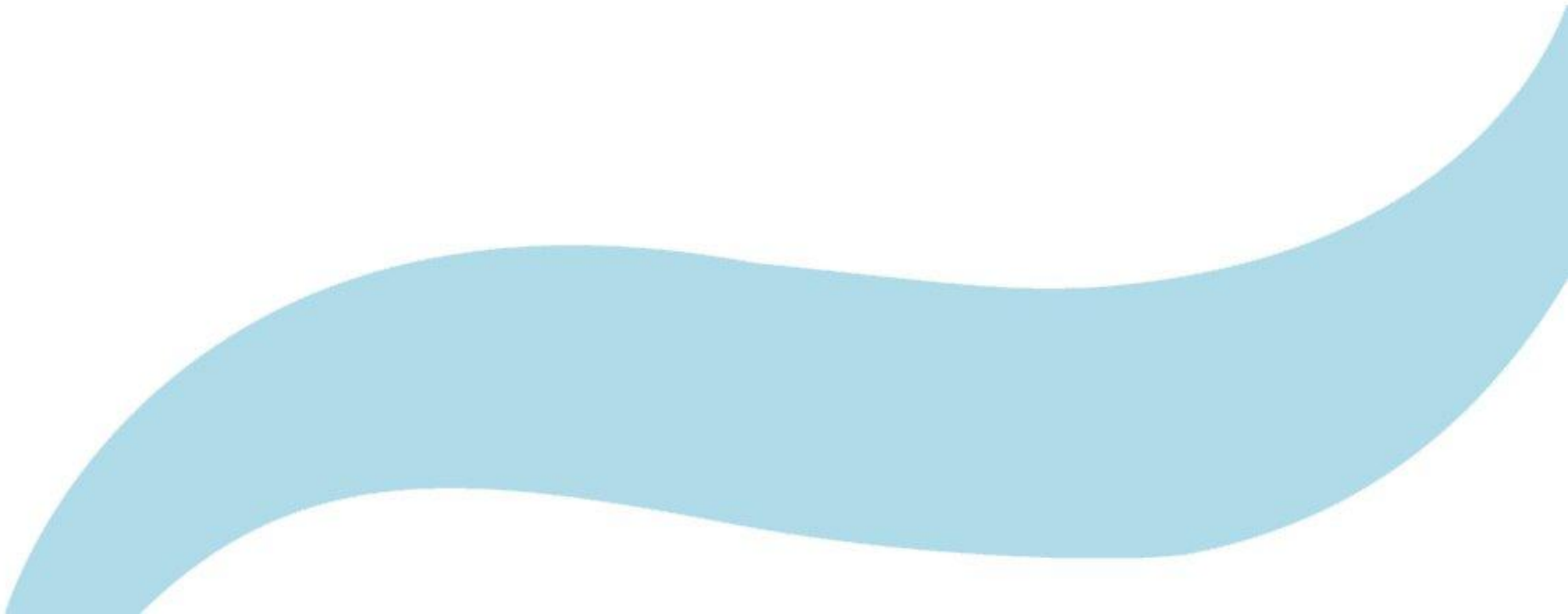
- Representative sample of Scottish GP practices (6% of population)
- Evolved from Continuous Morbidity Recording (CMR)
- Read coded face-to-face consultations – *GPs & practice-employed nurses*
- Fully automatic monthly data extraction from GP systems
- Data quality assurance reporting & advice

Estimated number of patient contacts across Scotland



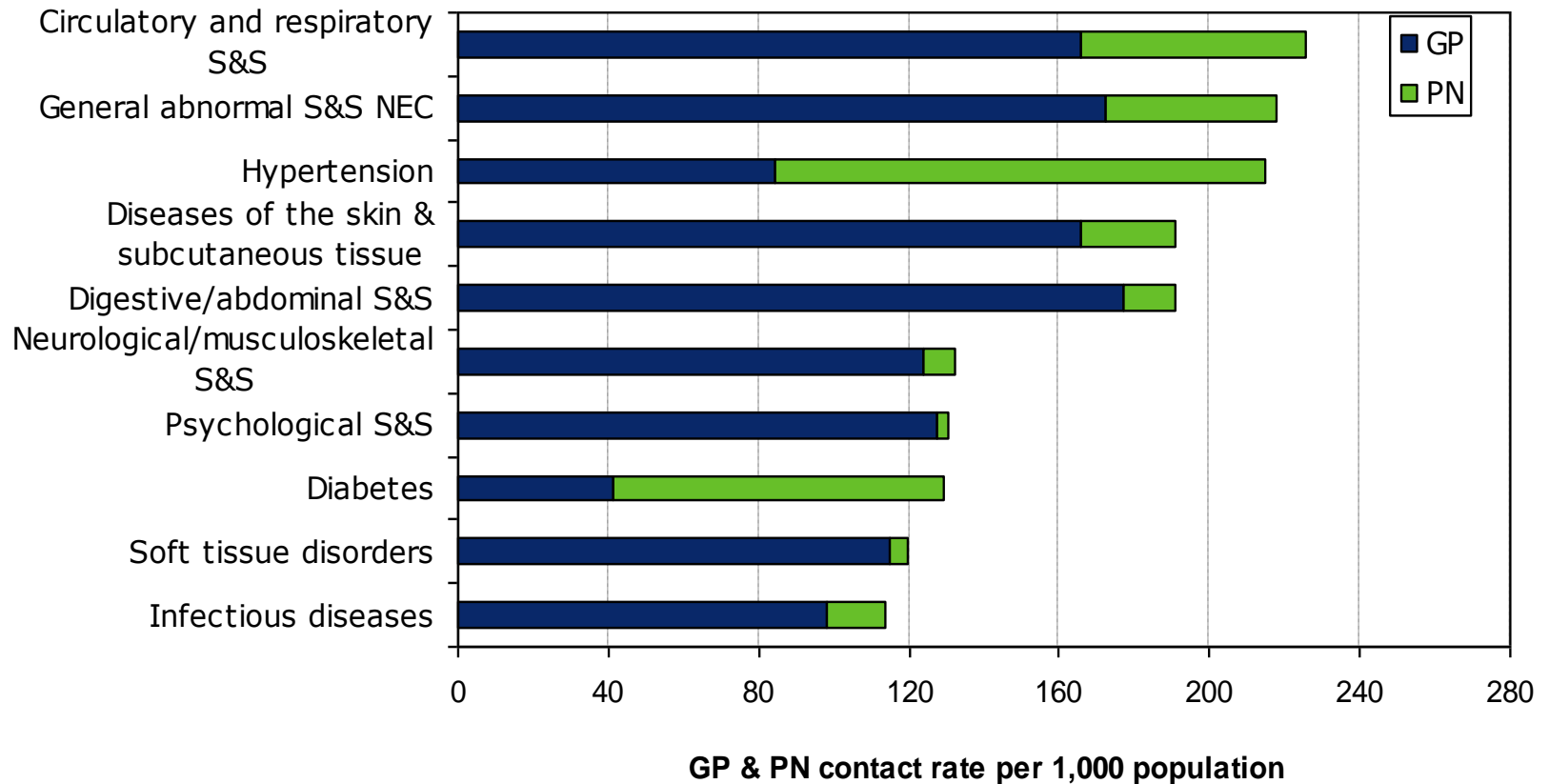


Scotland-level reporting

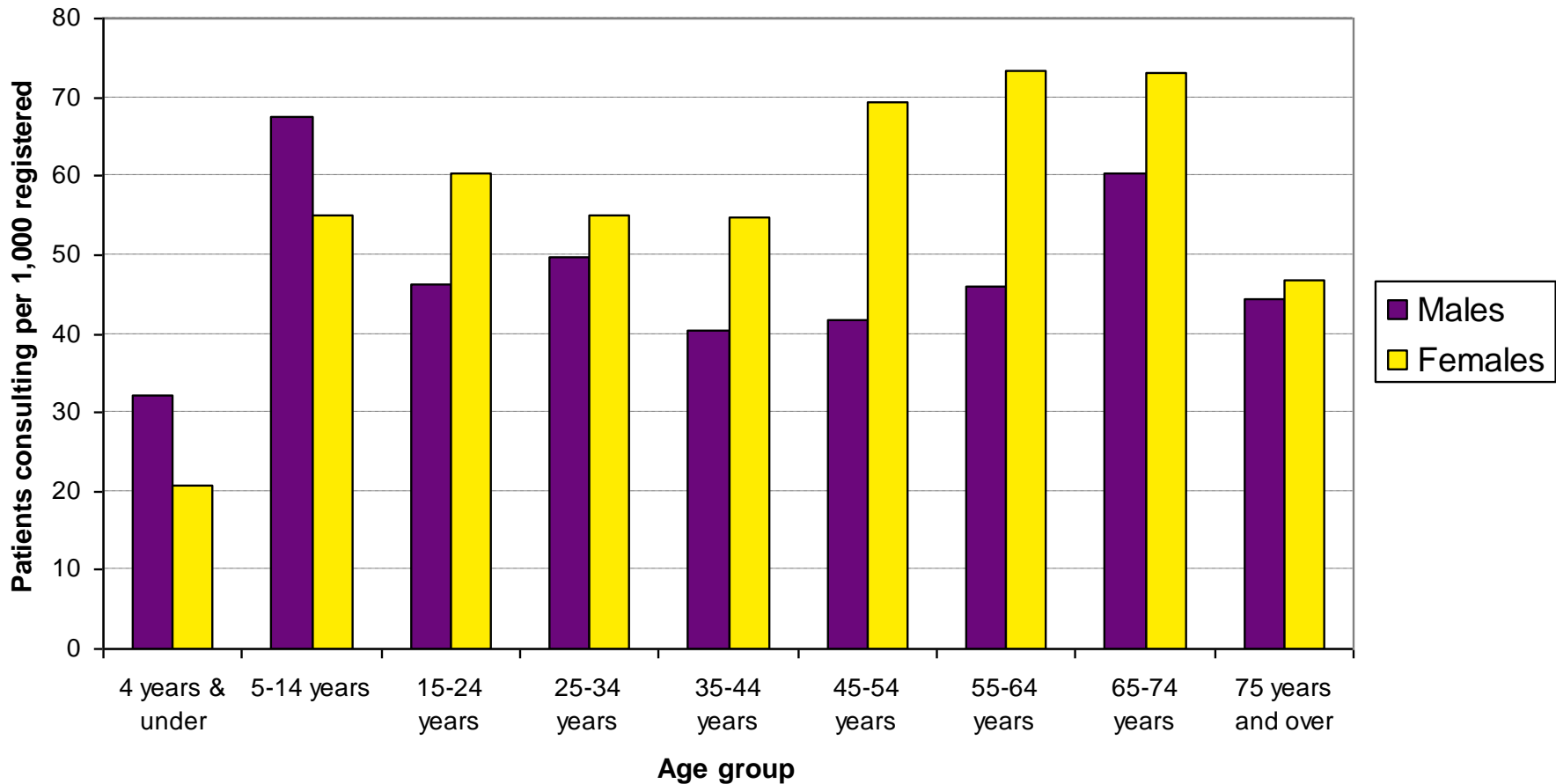


Most common conditions

Top-10 contact rates with GPs and practice nurses per 1,000 population; 2009/10

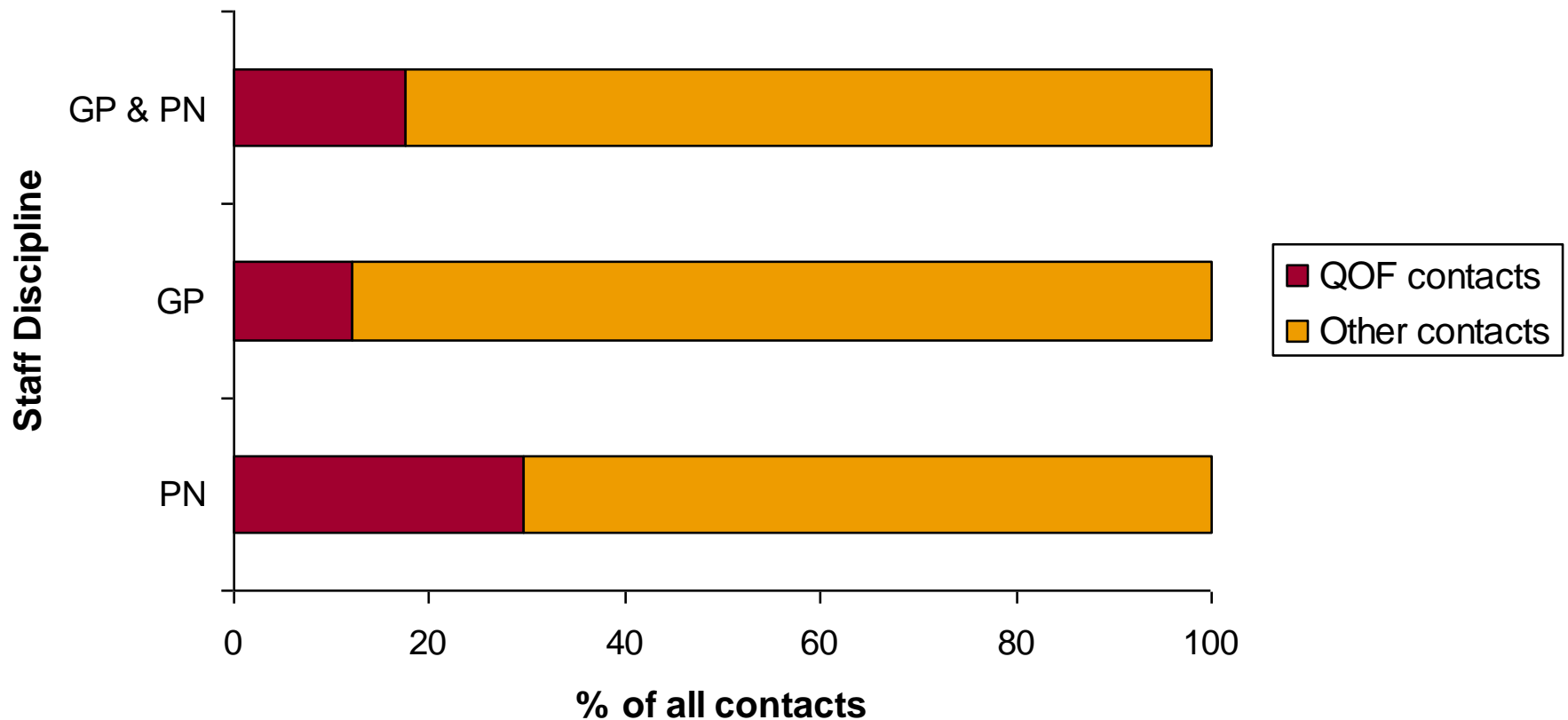


Asthma – estimated number of patients in Scotland consulting a GP or practice nurse at least once in the financial year 2009/10, per 1,000 patients registered, by age and gender



Conditions included in the QOF clinical domain

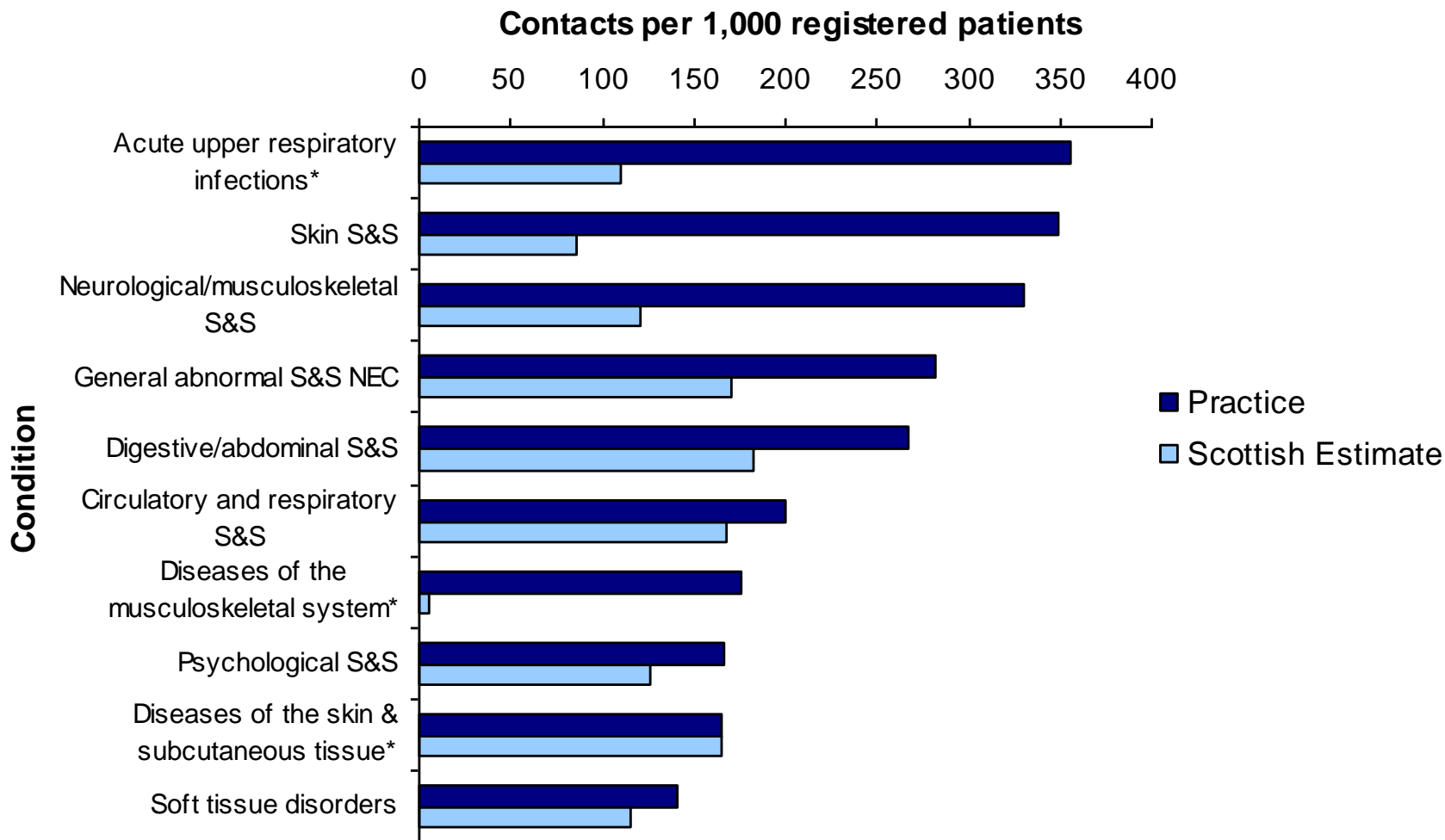
contacts as part of all contacts (2009/10)



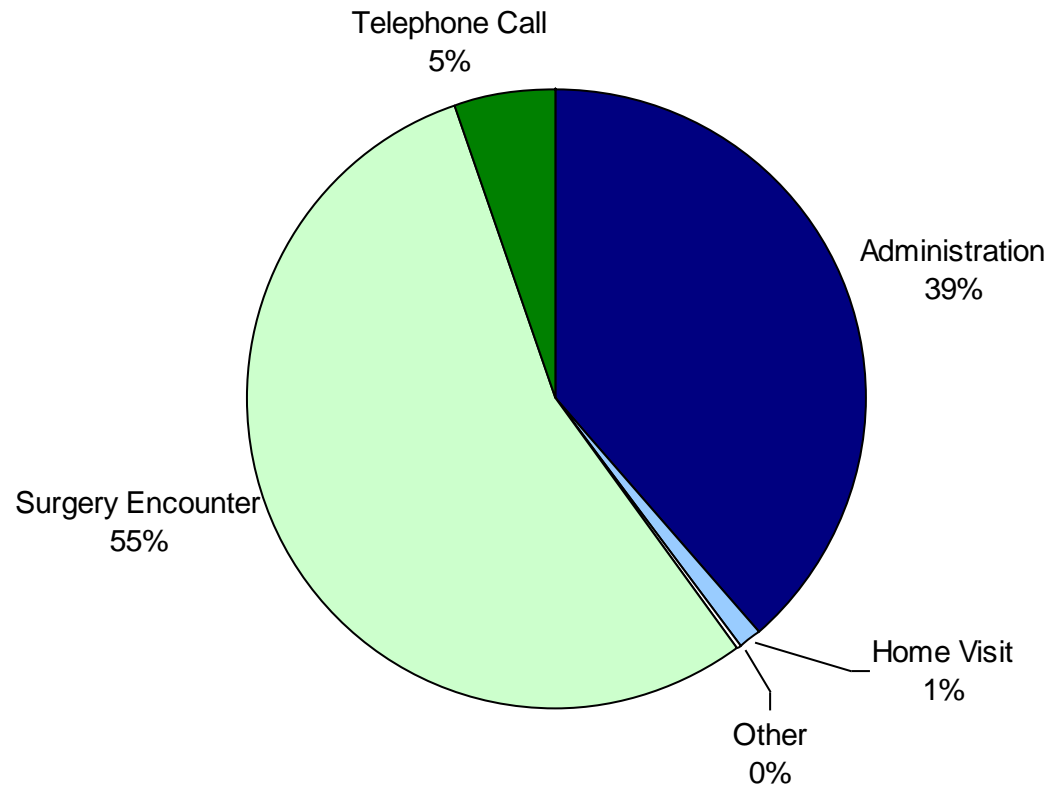


Practice-level reporting

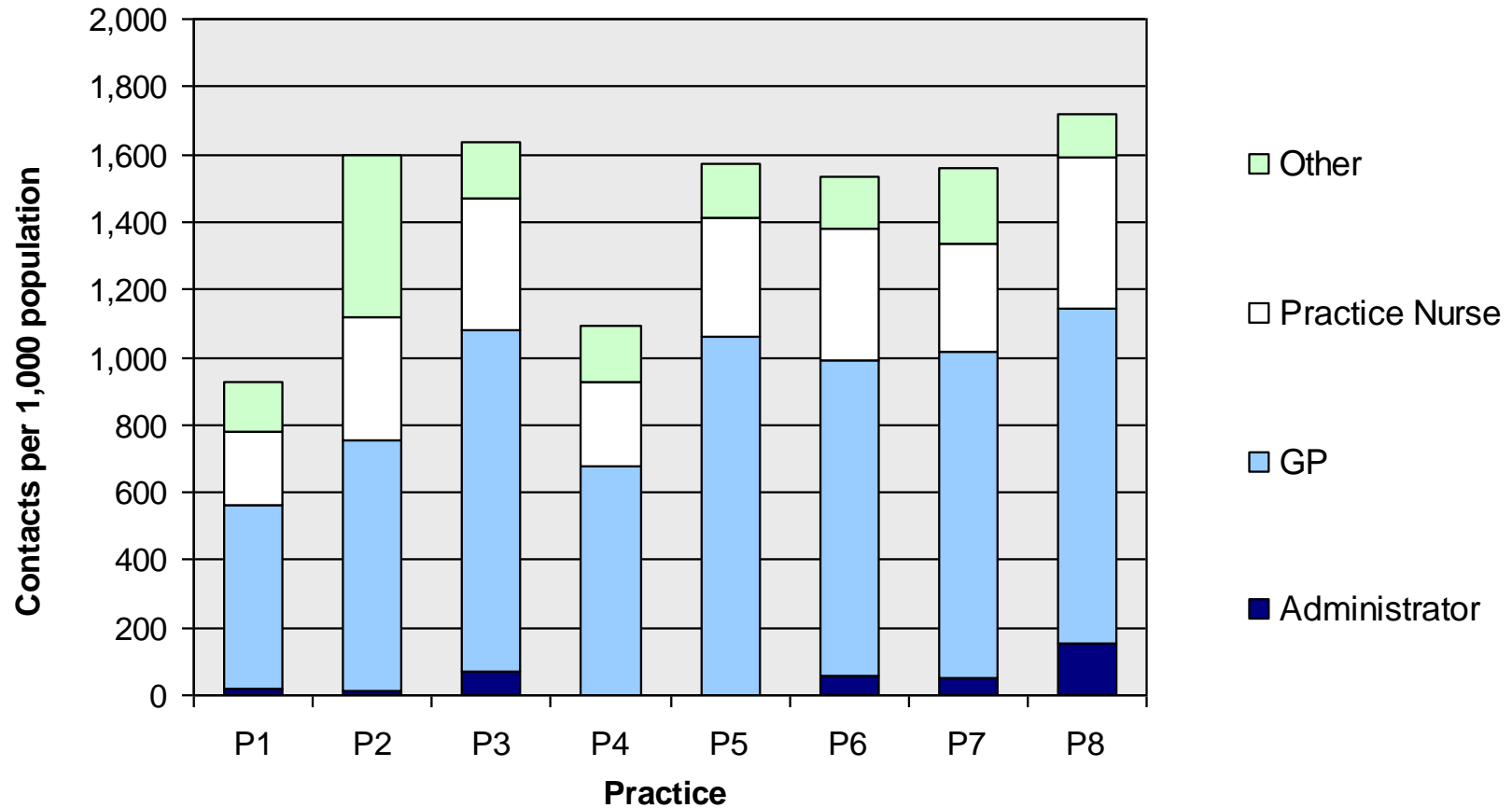
Most common conditions seen by GPs in single practice, compared to Scotland



Patient “contacts” by encounter type (single practice)

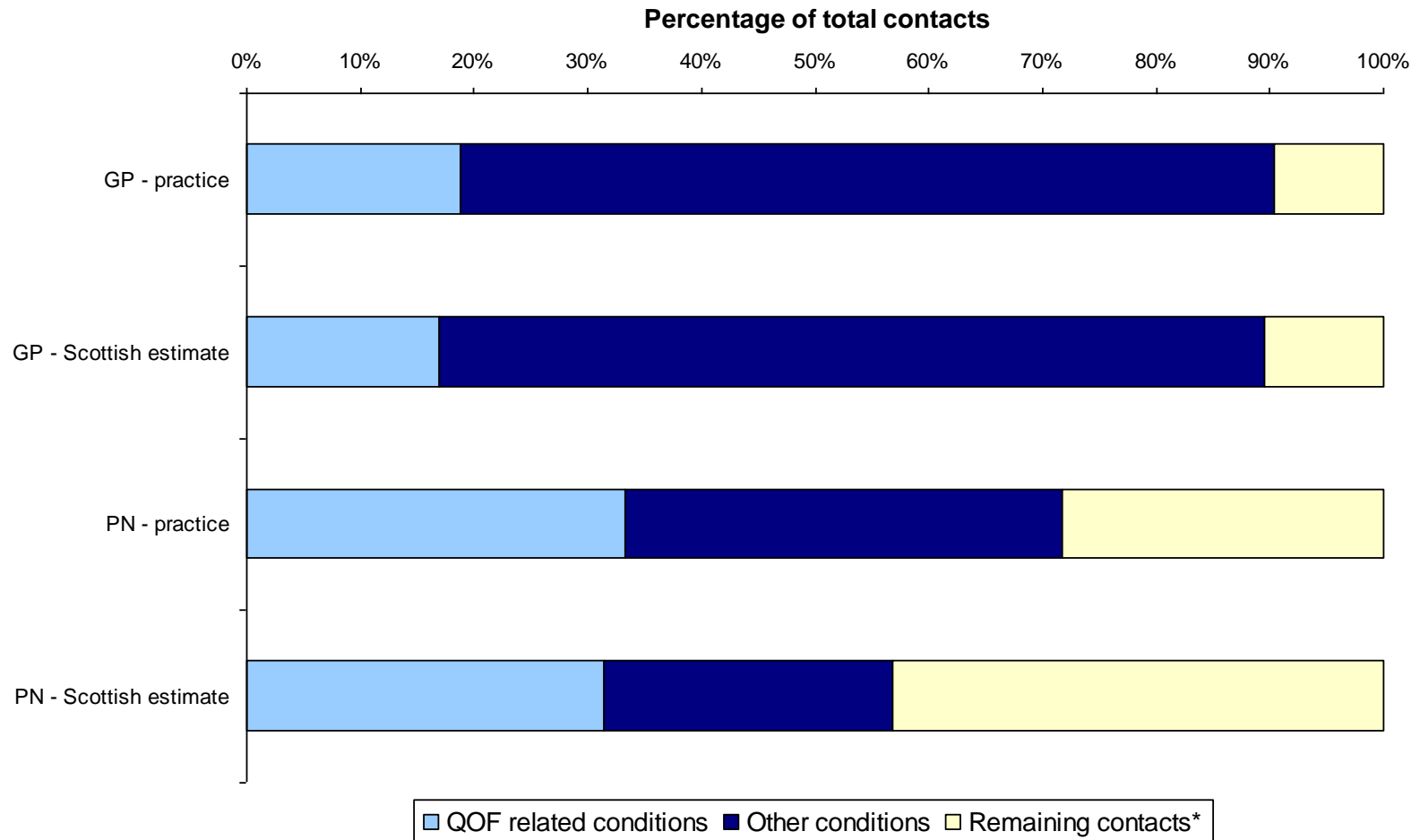


Patient contacts by staff discipline (eight non-PTI practices)



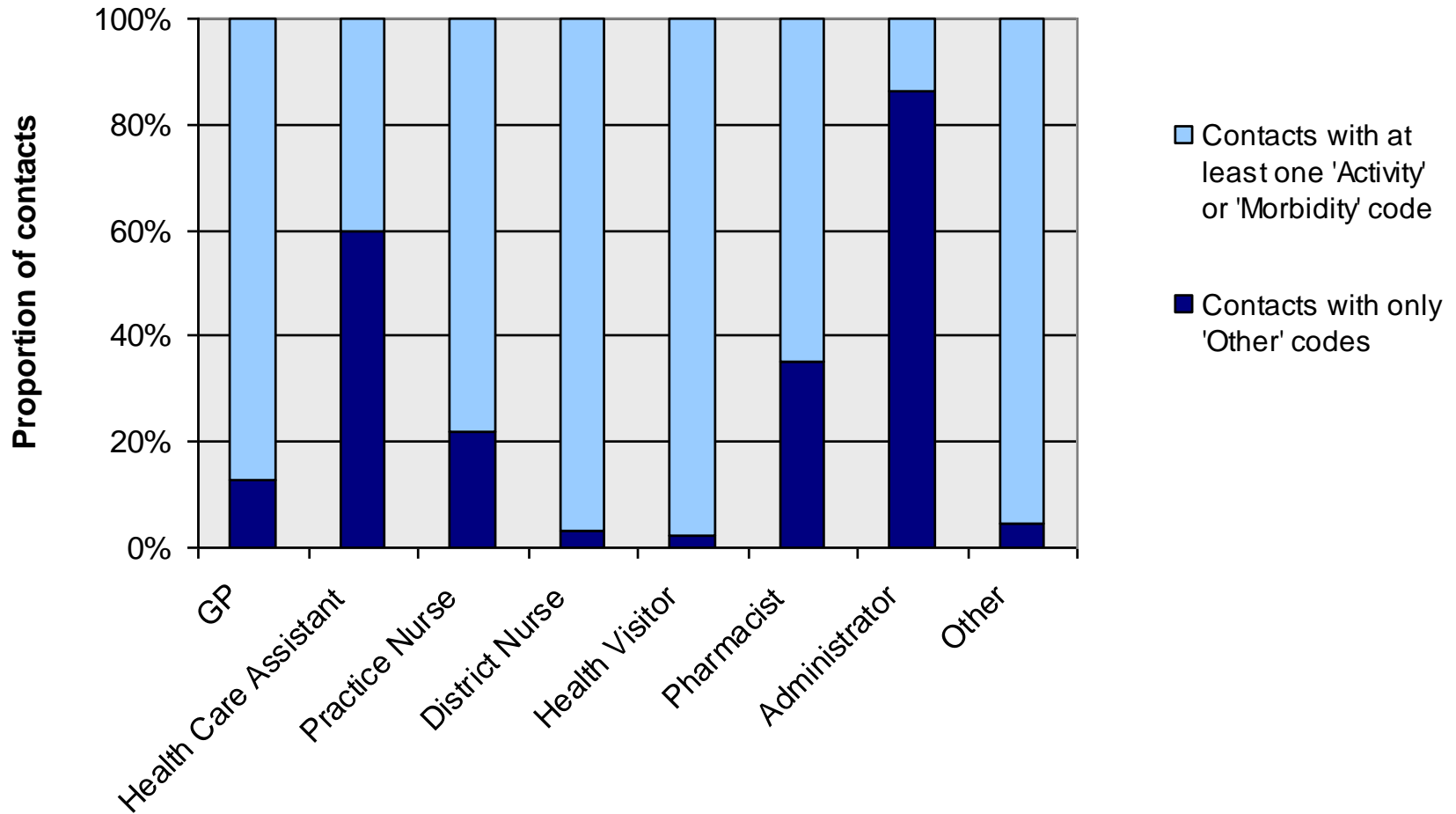
Conditions included in the QOF clinical domain

contacts as part of all contacts for Practice vs Scotland, by discipline



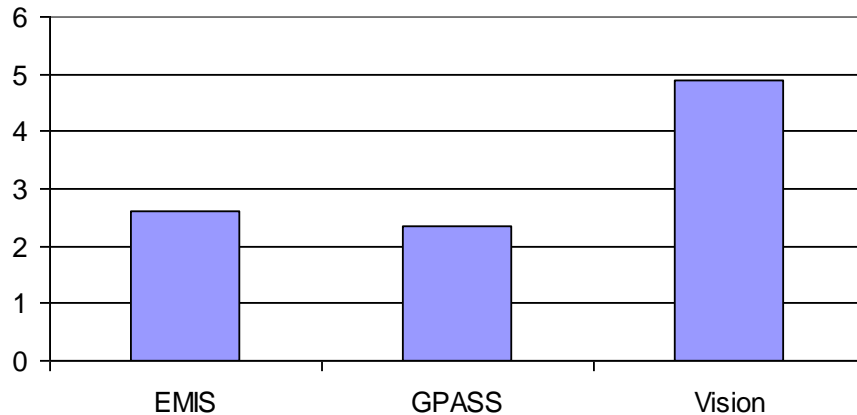
* Remaining contacts with no condition specified e.g. flu vaccination

Informativeness of Read coding *by staff discipline*

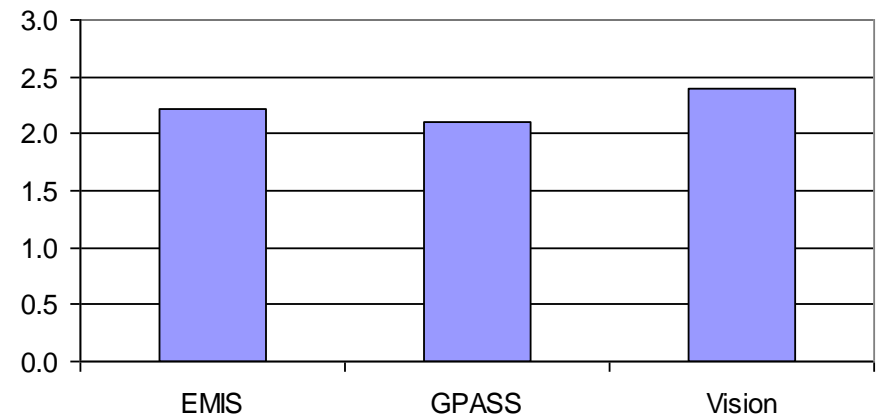


Effect of practice system

Percentage of patient contacts without informative Read code (2010/11)



Average practice contact rate per 1,000 population (half year Oct'10-Mar'11)



Current challenges

- Ensuring continuity of data flows
- Collaboration with Primary Care Clinical Information Unit over data extraction & warehousing
- Financial constraints to expansion
- Meeting needs of impending *National Information & Intelligence Strategy for Health & Social Care*

Ongoing Challenges

- Routine, consistent and informative coded patient activity data from primary care, as a by-product of clinical care;
- A national database for secondary uses, managed securely within the NHS, to complement hospital sector data ;
- Unlocking the potential for routine data linkage of primary care data to other patient pathway data (e.g. for pharmacovigilance analysis) ;
- Making secondary use of primary care data work for clinicians and patients in supporting care that is as safe, effective and efficient as it can be.



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