

Pattern of treatment admissions over time by substance of abuse and age cohort: 1992 to 2012

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Analysis Questions

- Do people tend to stick with the same substance of abuse over their life-span?
- Does the currently popular substance affect the substance use of certain age cohorts more than others?
- What do patterns of substance use look like over time for a particular age group?

Substances of Abuse

| Used in Report | N | % | Not Used in Report | N | % |
|--------------------------|---------|-------|---|--------|------|
| Alcohol | 144,456 | 62.3% | Non-Rx Methadone | 477 | 0.2% |
| Cocaine/Crack | 80,788 | 34.8% | PCP | 52 | 0.0% |
| Marijuana/Hashish | 79,425 | 34.3% | Barbiturates | 561 | 0.2% |
| Heroin | 1,766 | 0.8% | Inhalants | 1,415 | 0.6% |
| Other Opiates/Synthetics | 40,996 | 17.7% | Over-The-Counter Medication | 263 | 0.1% |
| Methamphetamine | 3,529 | 1.5% | Other Hallucinogens | 2,289 | 1.0% |
| Benzodiazepines | 8,476 | 3.7% | Other Amphetamines | 7,334 | 3.2% |
| | | | Other Stimulants | 559 | 0.2% |
| | | | Other Non-Benzodiazepine Tranquilizers | 1,906 | 0.8% |
| | | | Other Non-Barbiturate Sedatives/Hypnotics | 10,811 | 4.7% |

Total number of TN admissions in TEDS (1992-2012) = 231,865

Total number of substances used for current report = 359,436

Each admission has between 1 and 3 substances of abuse reported

Age Cohorts

- A certain age cohort over time: For example, a cohort that was 12-14 years old in 1992 would be in the 30-34 year old age group in 2012
- Each slide represents a different age cohort
- Each cohort is labeled by how old they were in 2012
- Cannot assume these are the same people over time, only that they are in a specific cohort or generation

Limitations

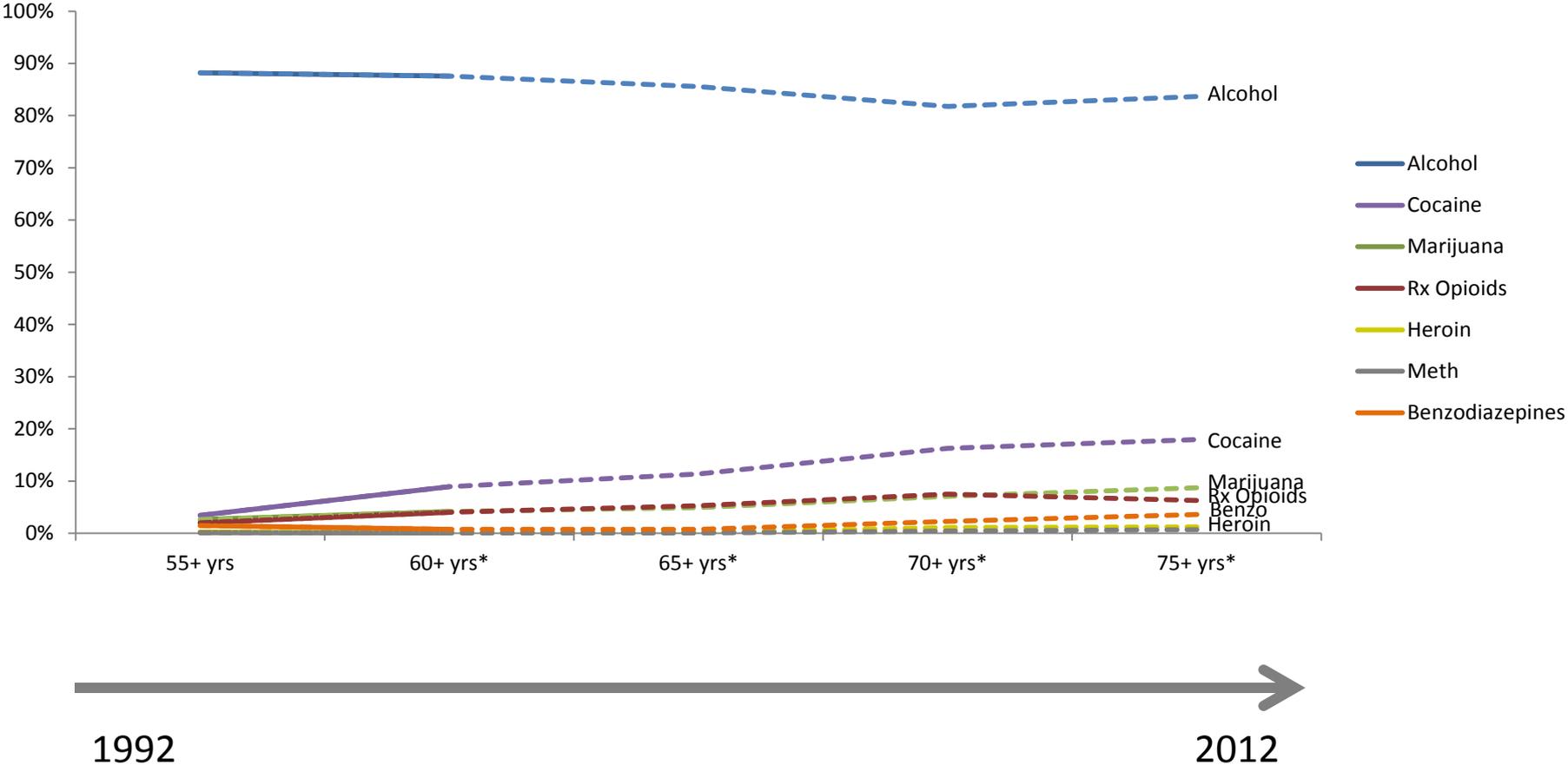
- Age is given in unequally spaced ranges:
 - 12-14 yrs; 15-17 yrs; 18-20 yrs (3 year increments)
 - 21-24 yrs (4 year increment)
 - 25-29 yrs; 30-34 yrs; 35-39 yrs; 40-45 yrs; 46-50 yrs; (5 year increments)
 - **55+ yrs** (increment unknown)
- We cannot connect specific people over time
- Demographics and other potentially confounding factors not accounted for in these analyses
 - Race/ethnicity
 - Location in TN
 - Incarceration

10 Conclusions

1. Alcohol was the most frequently used substance by the older age cohorts.
2. The older age cohorts appear to have used the same substances over time as they aged.
3. The younger age cohorts appear to switch substances as they age.
4. As you look at progressively younger age cohorts, the increase in prescription opioid admissions gets larger.
5. As you look at progressively younger age cohorts, prescription opioid admissions start to increase at progressively younger ages.
6. Similarly, as you look at progressively younger age cohorts, the increase in admissions for benzodiazepines get larger.
7. The most cocaine admissions in 2012 were for the age cohorts currently in there 30's, 40's and 50's.
8. Cocaine admissions drop off dramatically for the younger age cohorts.
9. Overall there are more marijuana admissions in the younger age cohorts as compared to the older age cohorts.
10. Marijuana admissions become less frequent as folks age. Marijuana admissions are highest for those under 21 years of age regardless of age cohort.

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

Cohort: 75+ Years Old in 2012

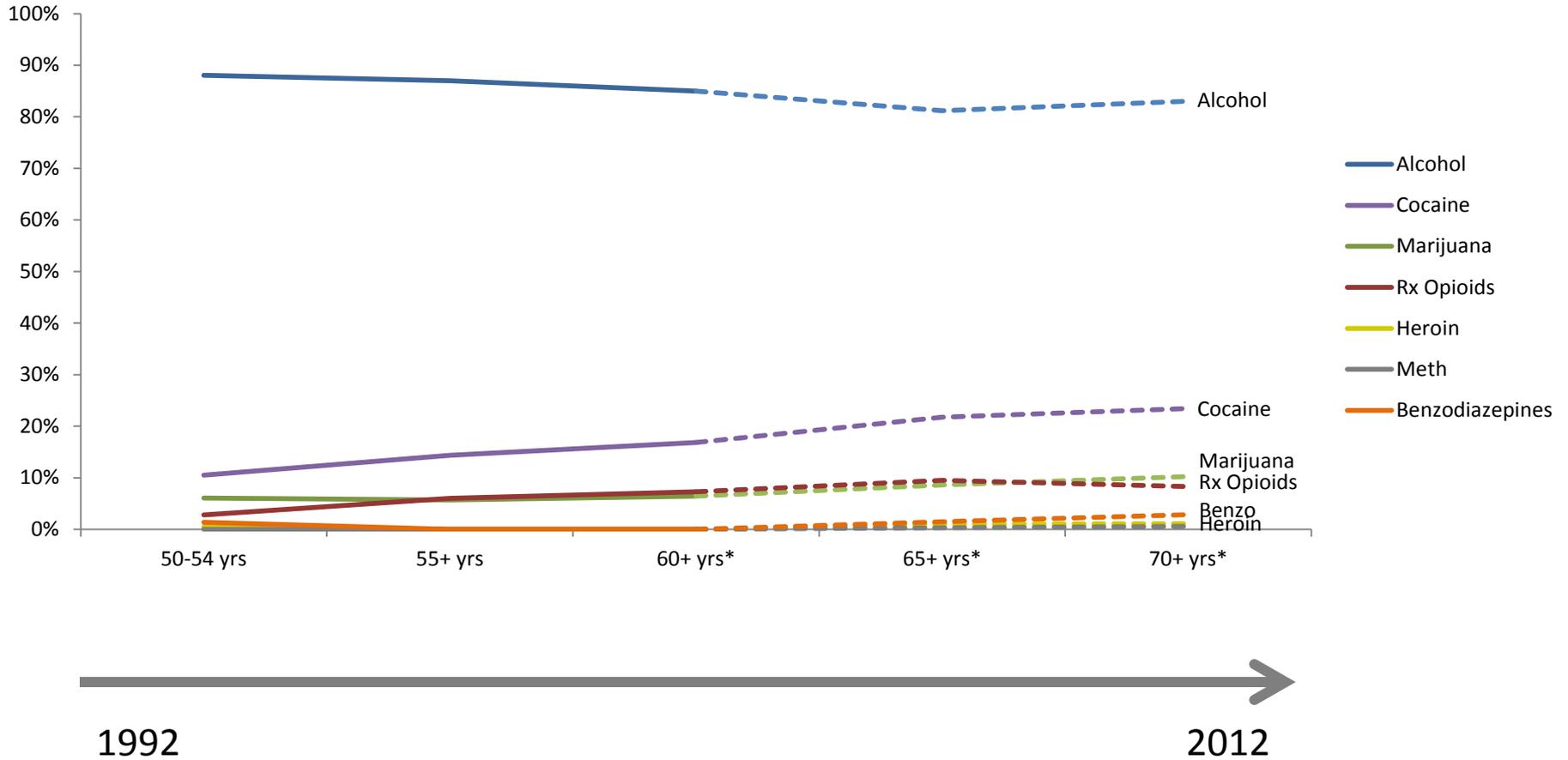


Source: Treatment Episode Data Set (1992-2012)

*Note: All ages after 55+ years are estimated based on the average of the cohort's 55+ data and the 55+ data of the point in time.

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

Cohort: 70+ Years Old in 2012

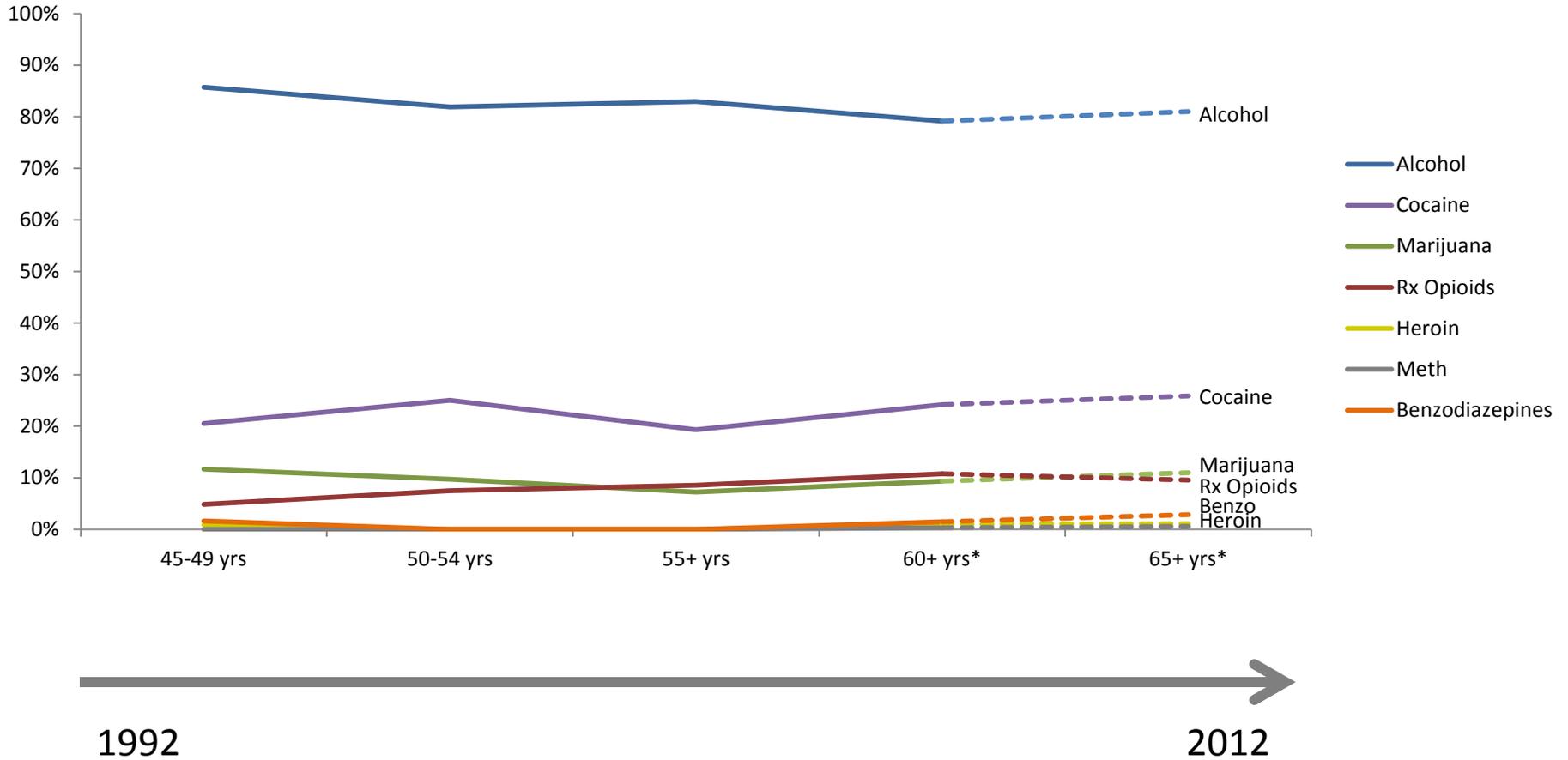


Source: Treatment Episode Data Set (1992-2012)

*Note: All ages after 55+ years are estimated based on the average of the cohort's 55+ data and the 55+ data of the point in time.

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

Cohort: 65+ Years Old in 2012

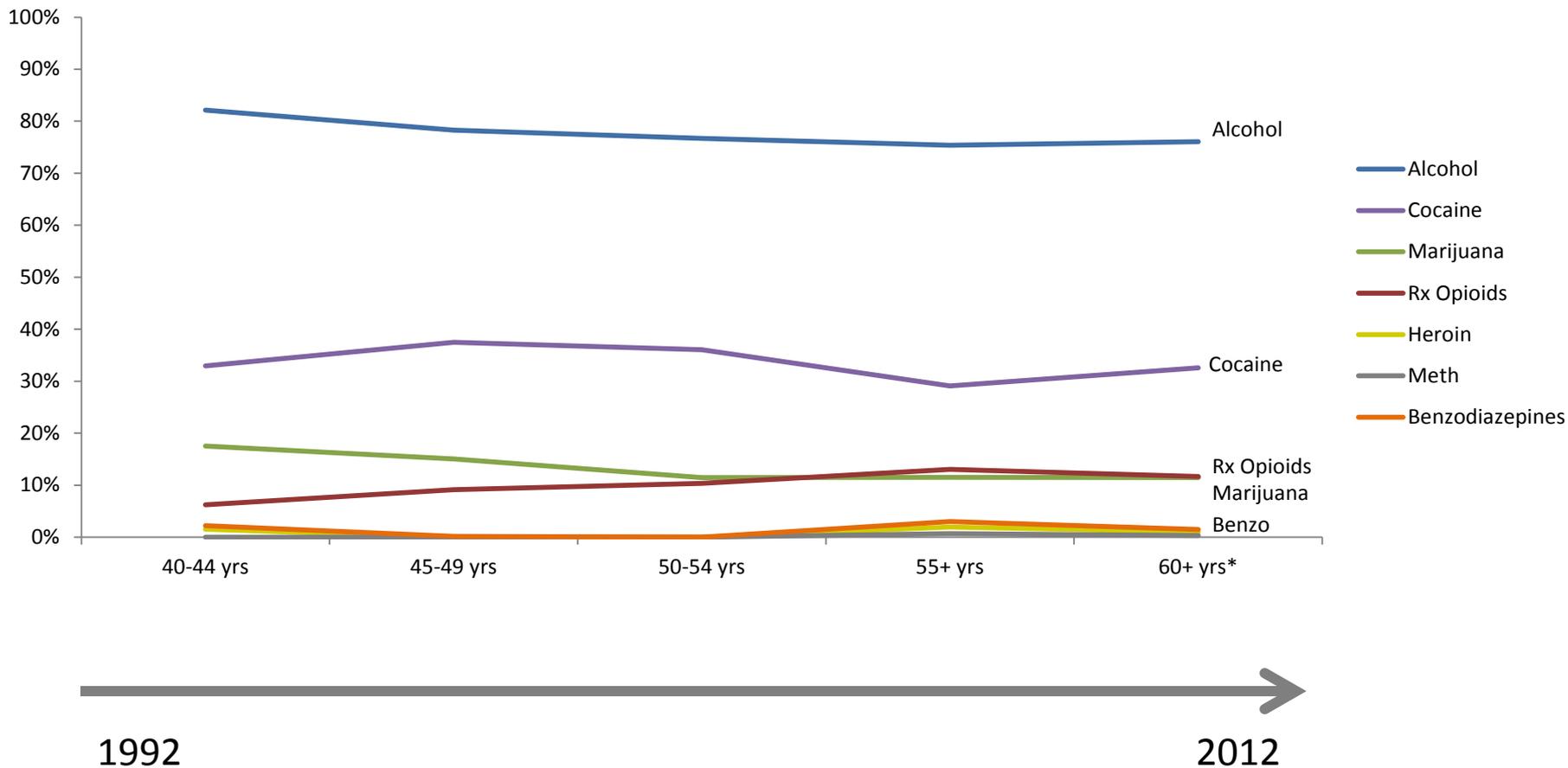


Source: Treatment Episode Data Set (1992-2012)

*Note: All ages after 55+ years are estimated based on the average of the cohort's 55+ data and the 55+ data of the point in time.

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

Cohort: 60+ Years Old in 2012

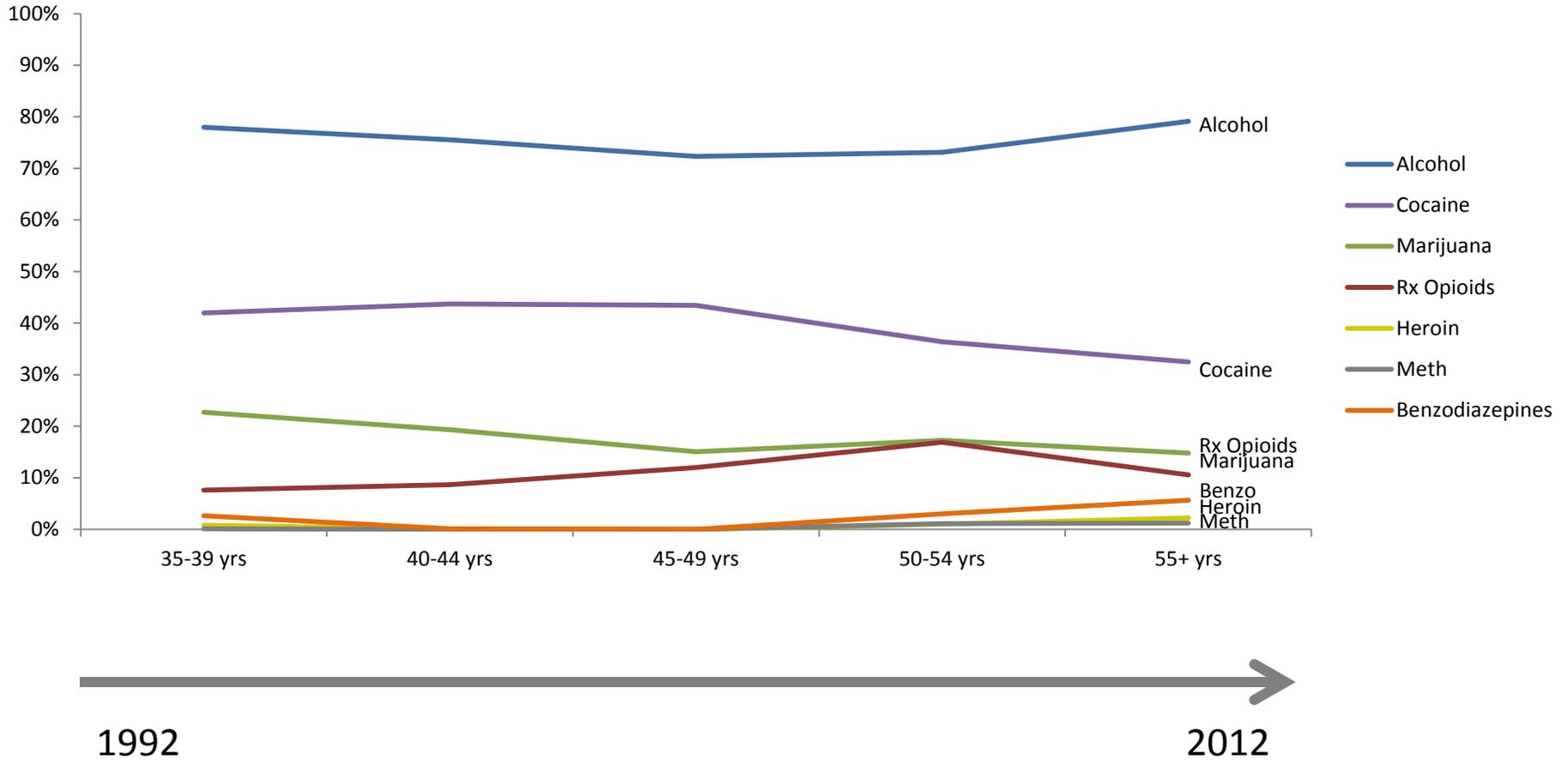


Source: Treatment Episode Data Set (1992-2012)

*Note: All ages after 55+ years are estimated based on the average of the cohort's 55+ data and the 55+ data of the point in time.

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

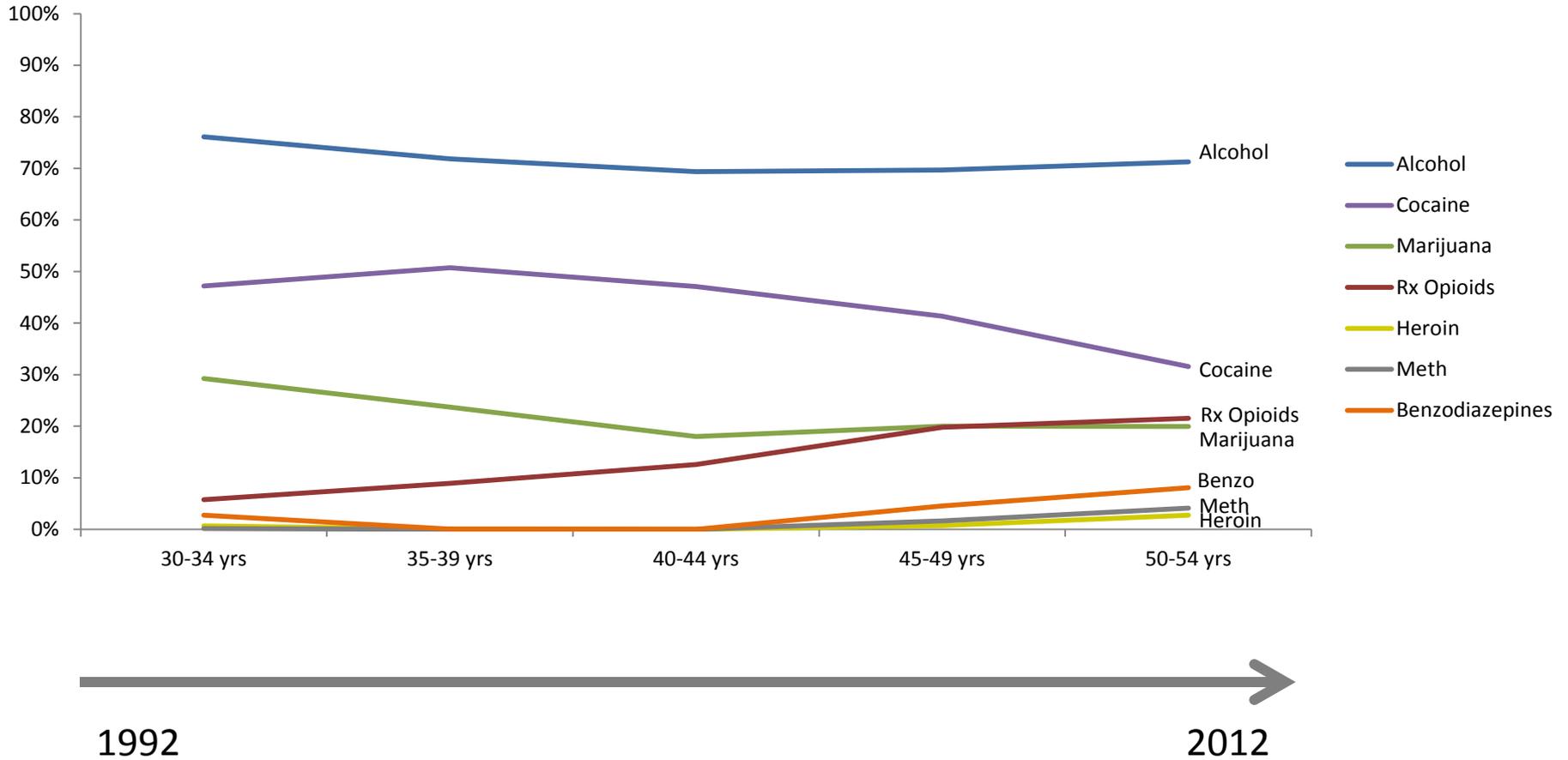
Cohort: 55+ Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

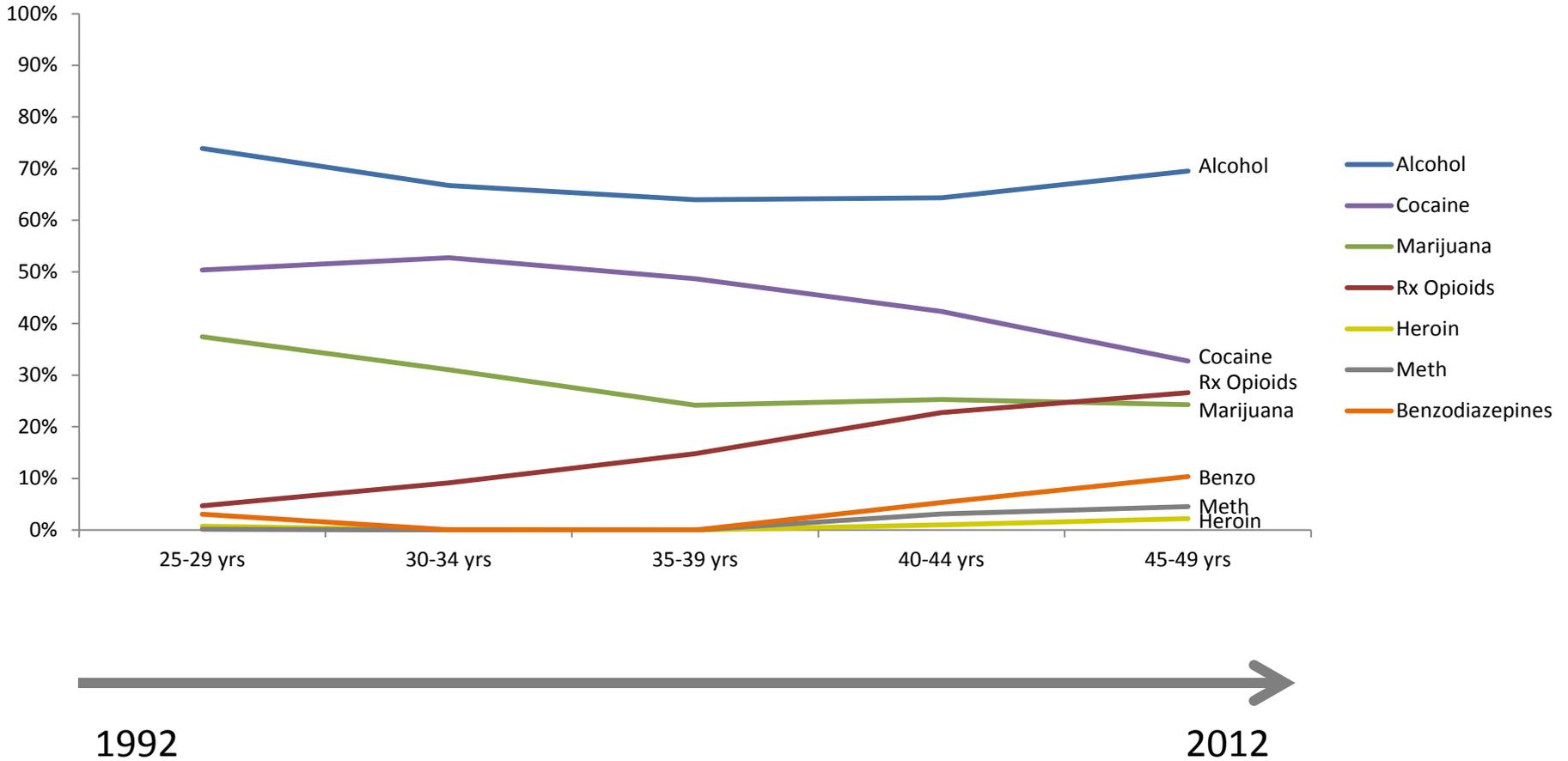
Cohort: 50-54 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

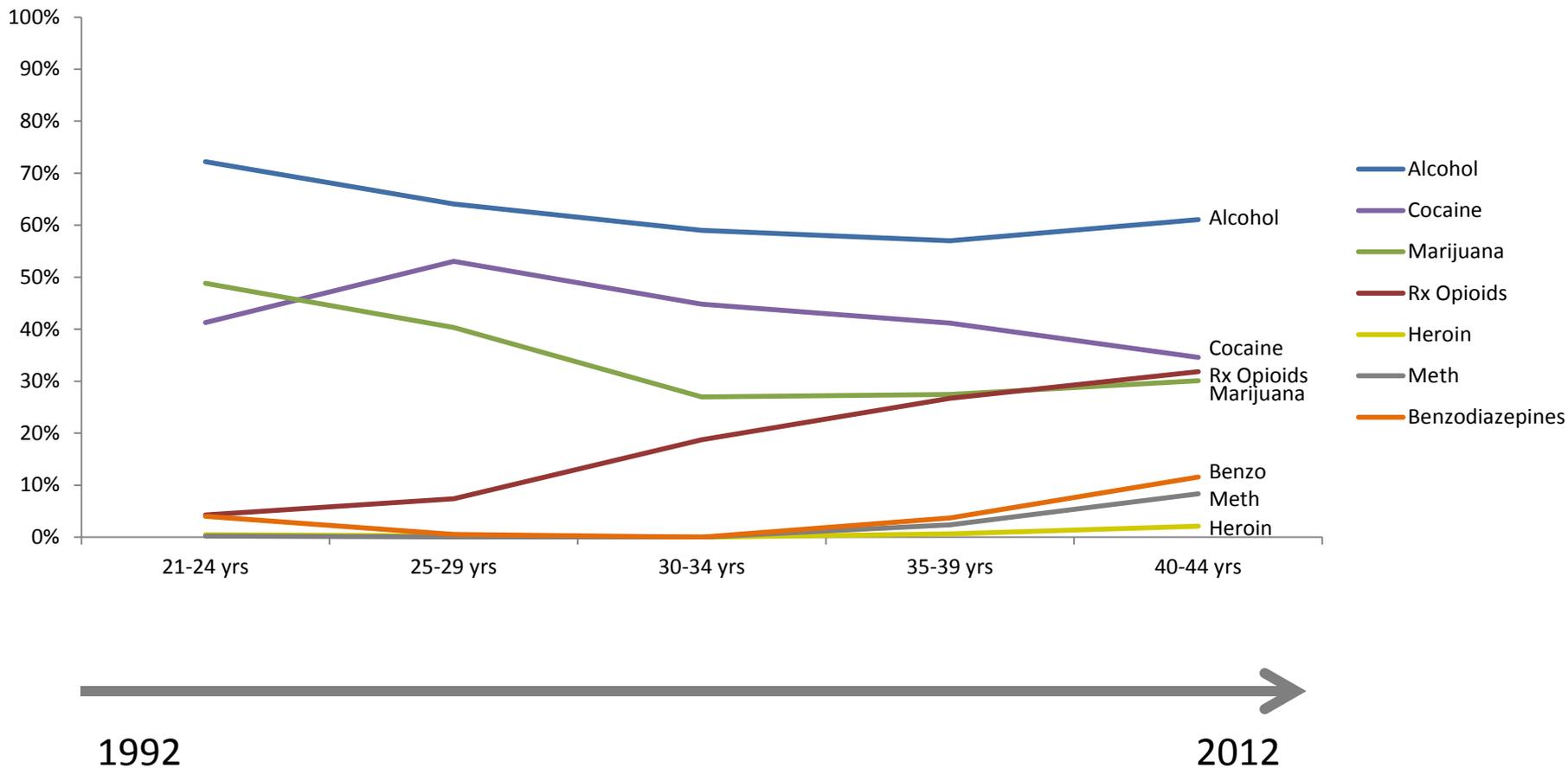
Cohort: 45-49 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

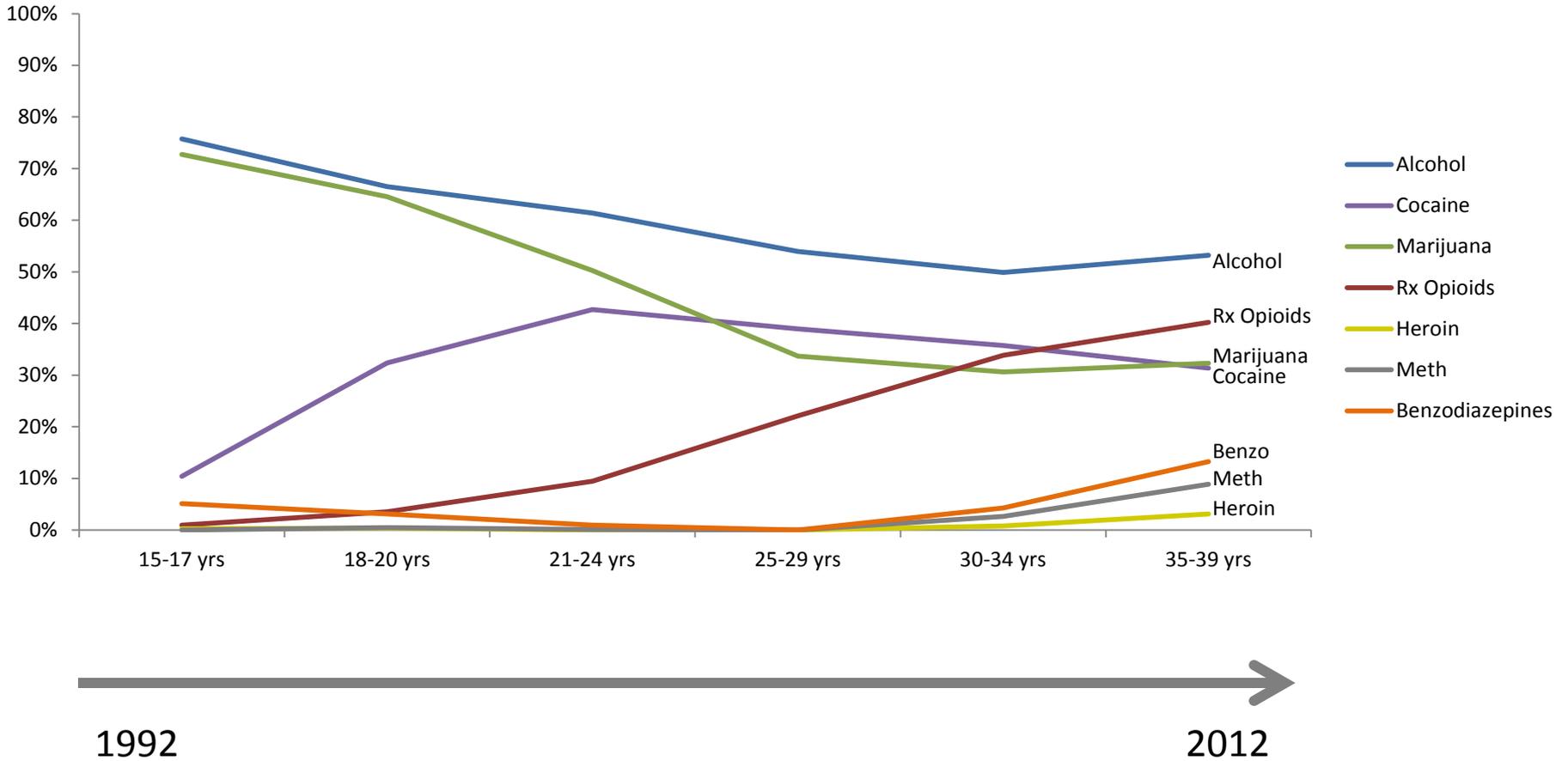
Cohort: 40-44 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

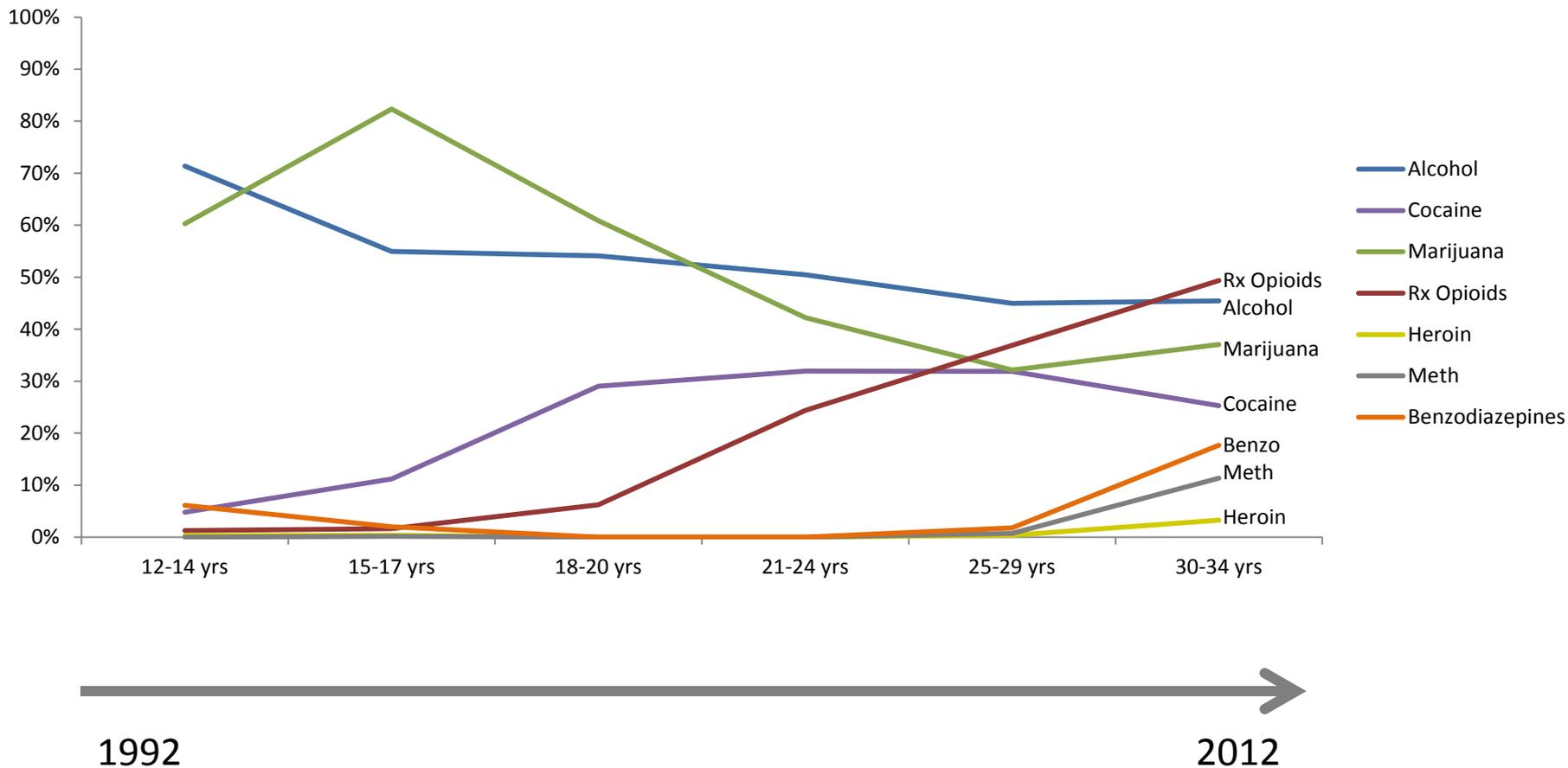
Cohort: 35-39 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

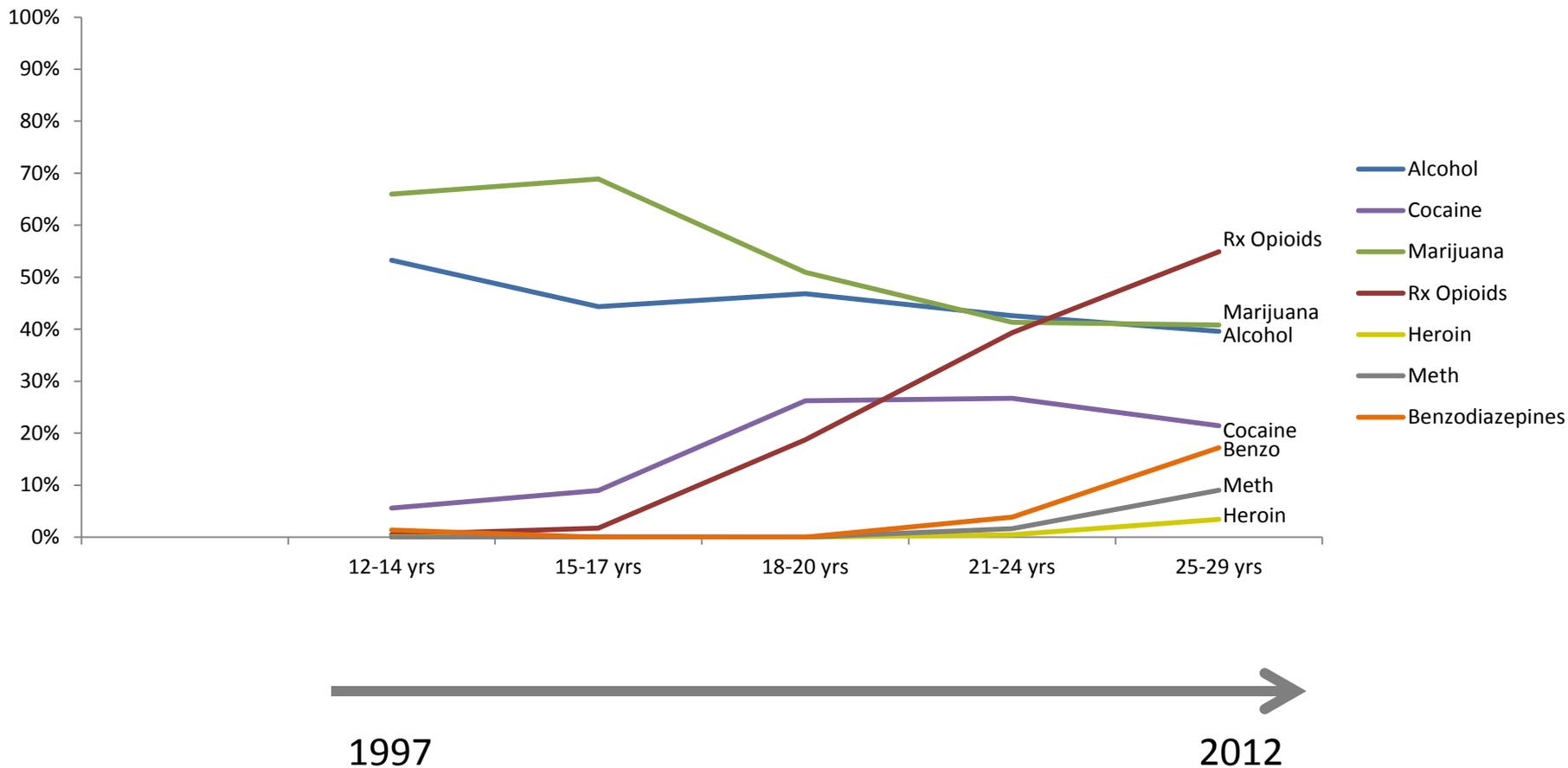
Cohort: 30-34 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

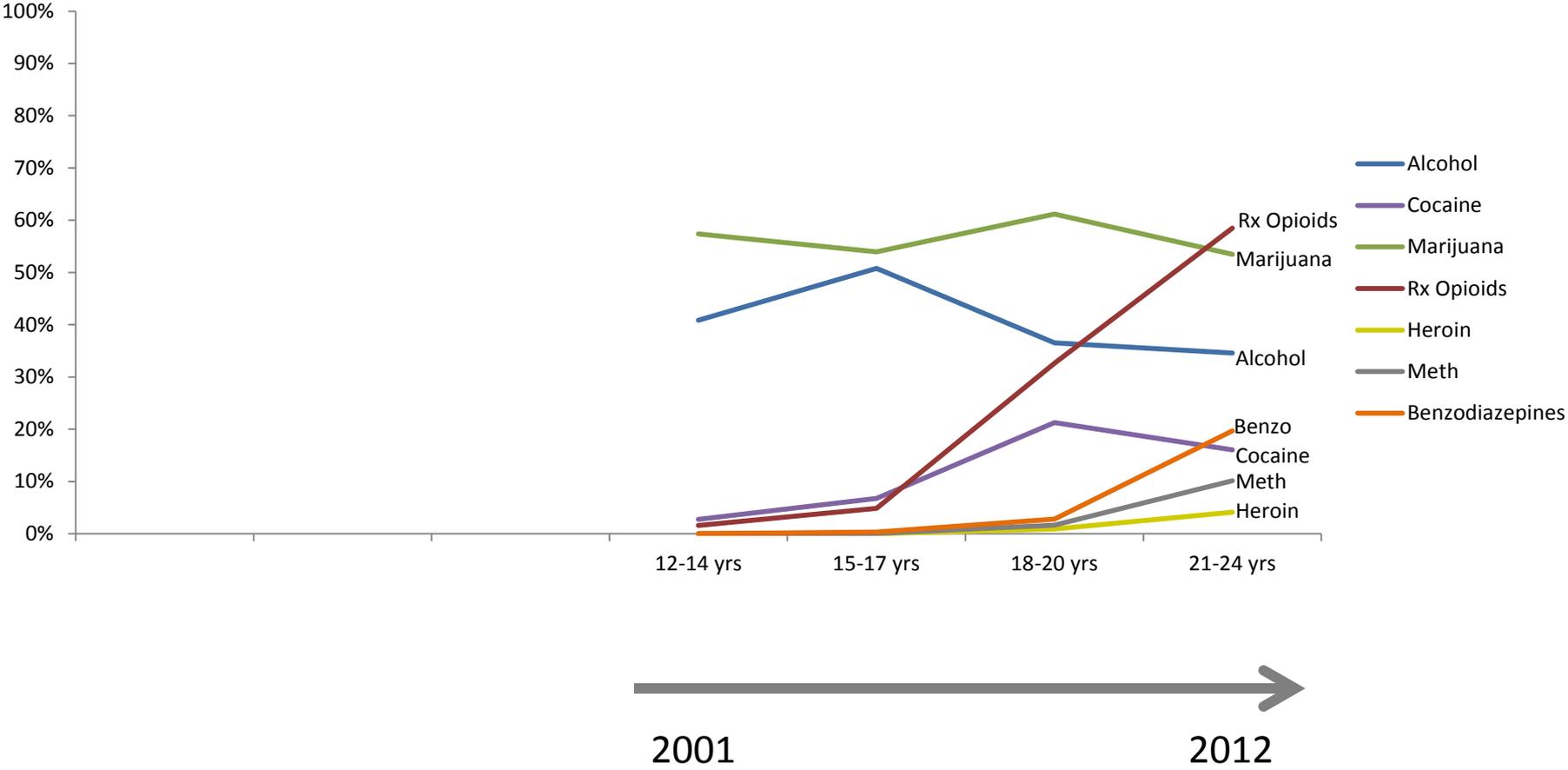
Cohort: 25-29 Years Old



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

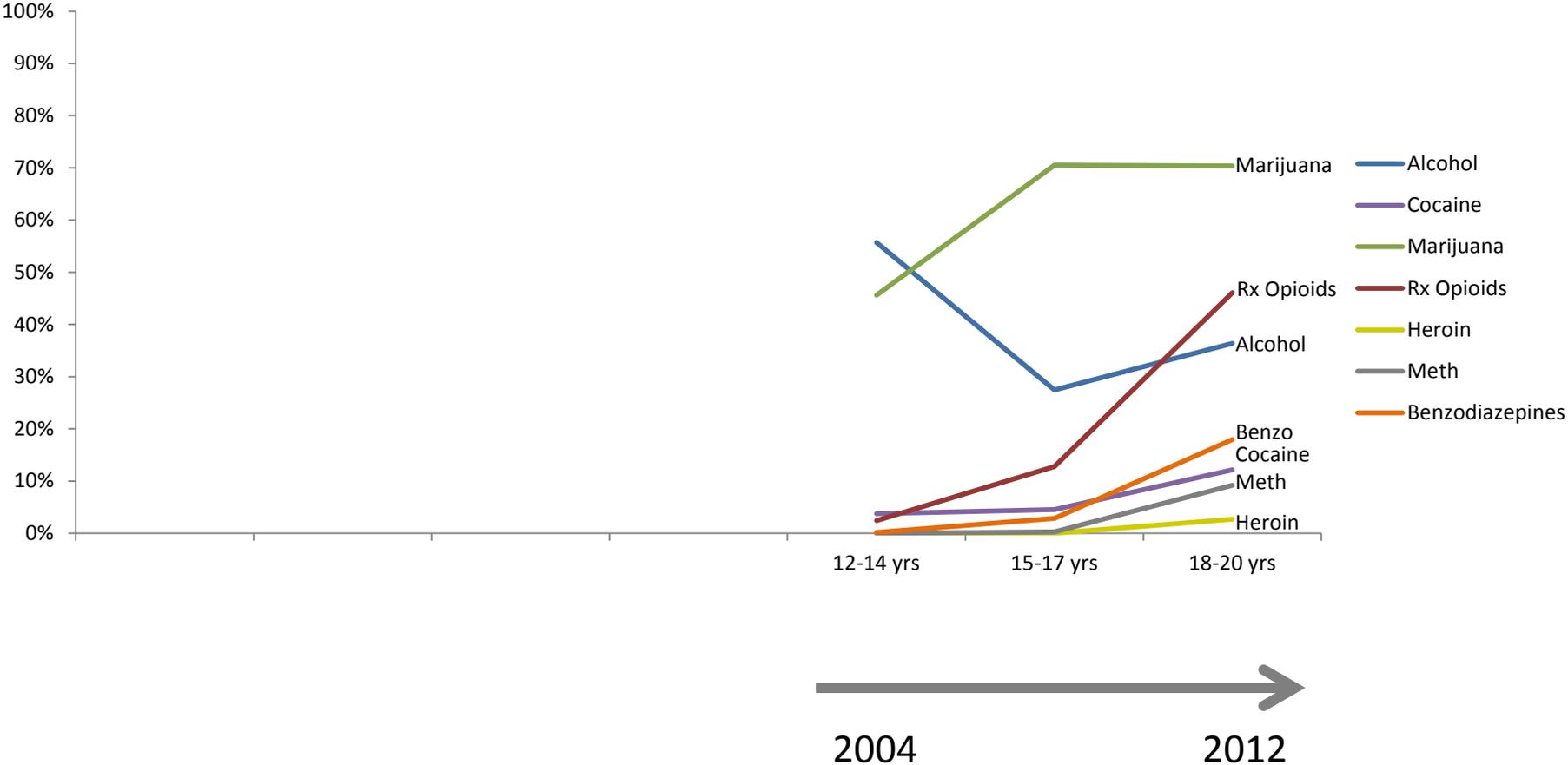
Cohort: 21-24 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

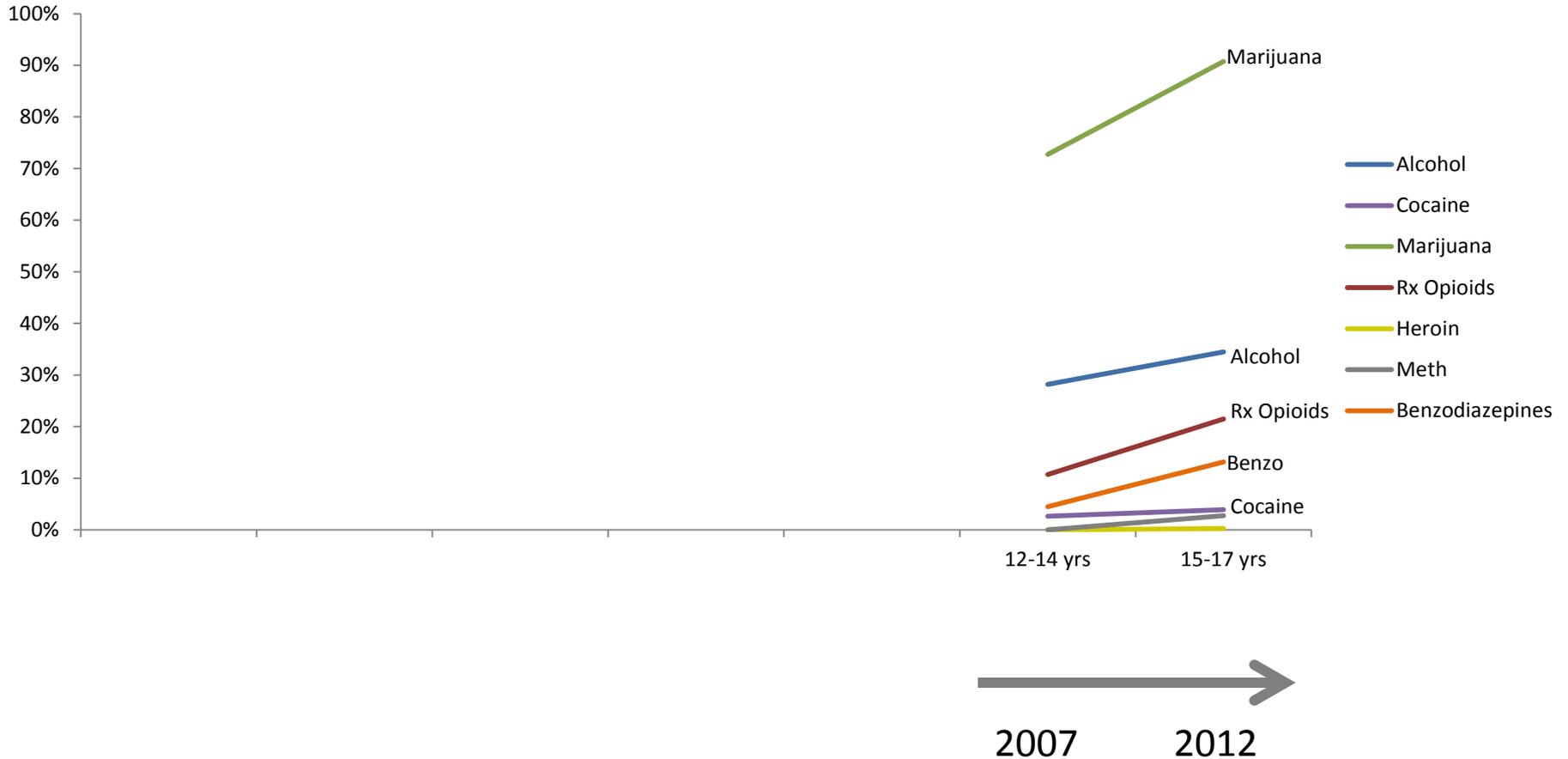
Cohort: 18-20 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

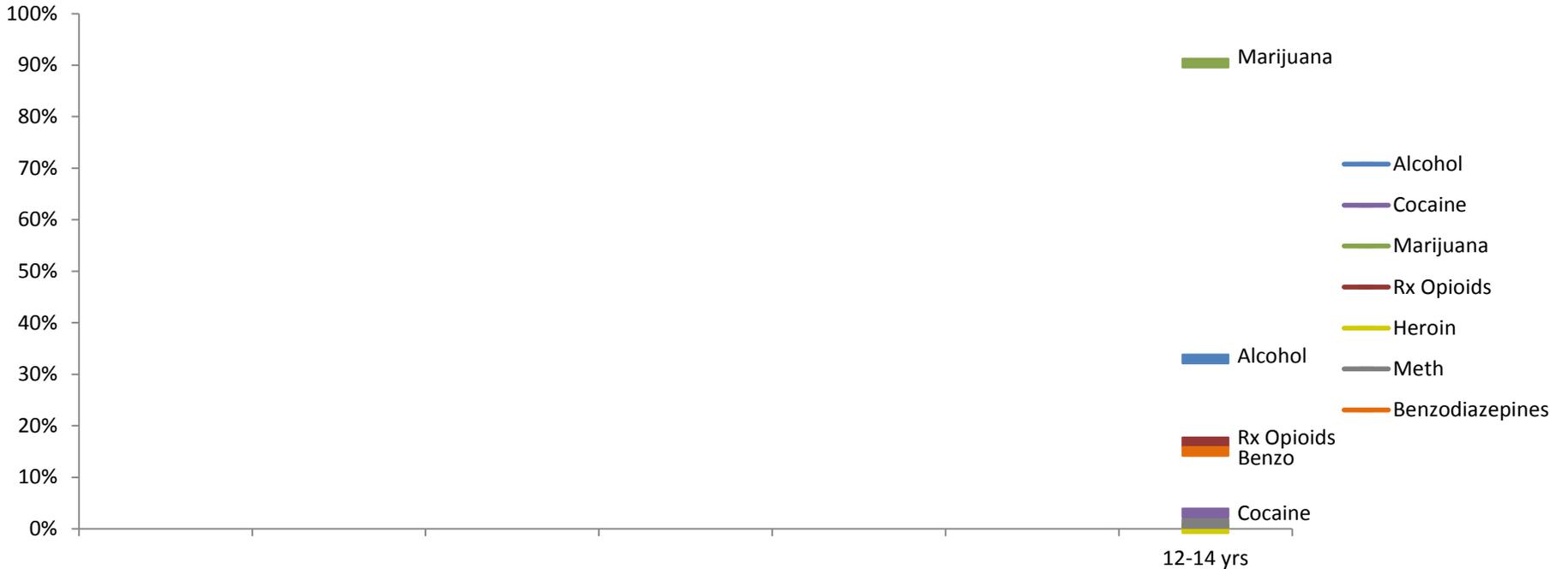
Cohort: 15-17 Years Old in 2012



Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data

Pattern of treatment admissions over time by substance of abuse and age cohort (from 1992 to 2012)

Cohort: 12-14 Years Old in 2012



→
2012

Source: Treatment Episode Data Set (1992-2012)
Note: All ages after 60+ years are estimated based on 55+ data