

## Appendix 2

Naomi Waterlow,Gwen Knight

2024-07-19

### Paper: Prescriptions of antibiotics in England

#### Antibiotic specific results

This Appendix contains figures looking at each antibiotic by age band, sex and time.

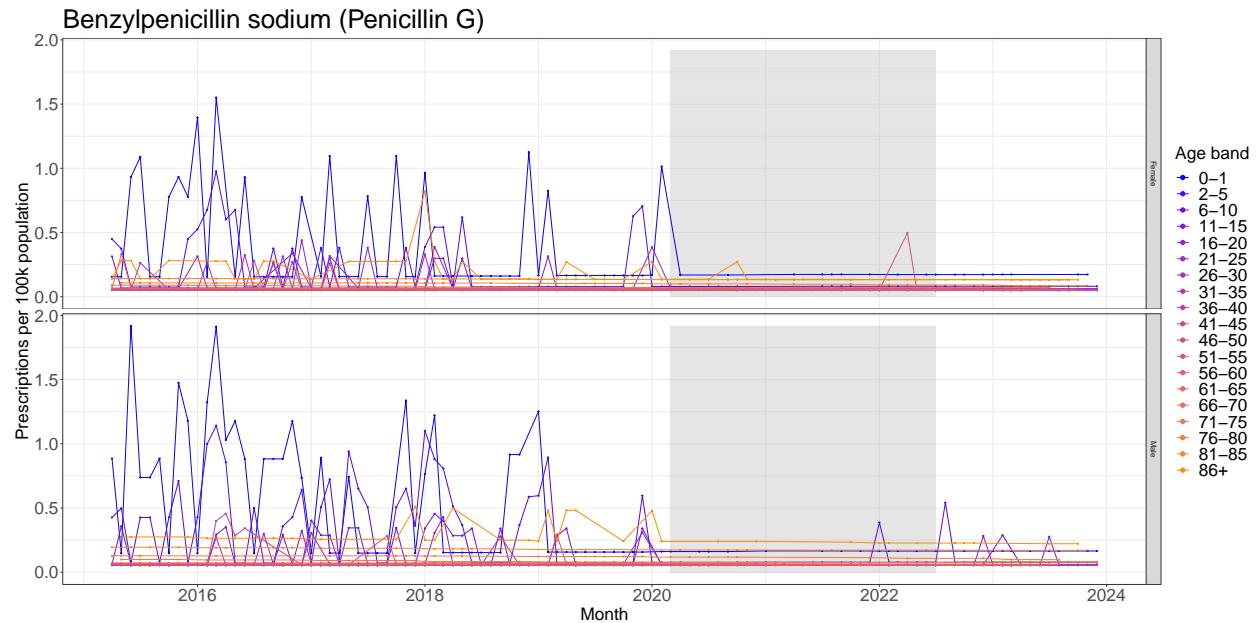


Figure 1: Prescription rate per 100'000 population for Benzylpenicillin sodium (Penicillin G) . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

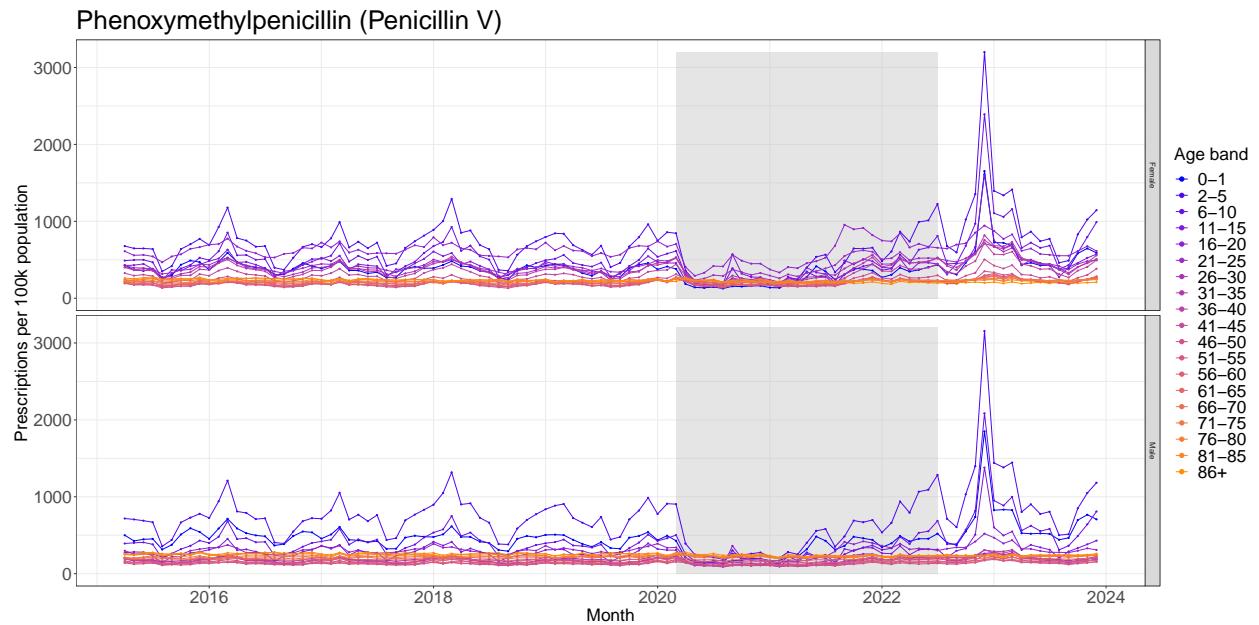


Figure 2: Prescription rate per 100'000 population for Phenoxycephalpenicillin (Penicillin V) . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

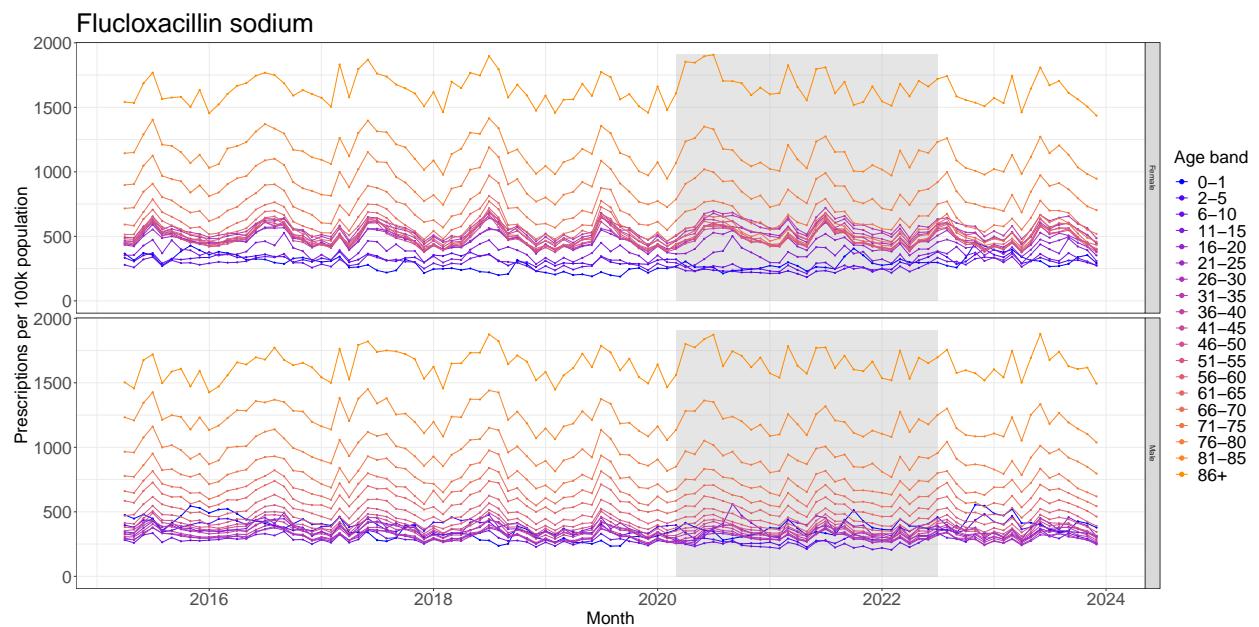


Figure 3: Prescription rate per 100'000 population for Flucloxacillin sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

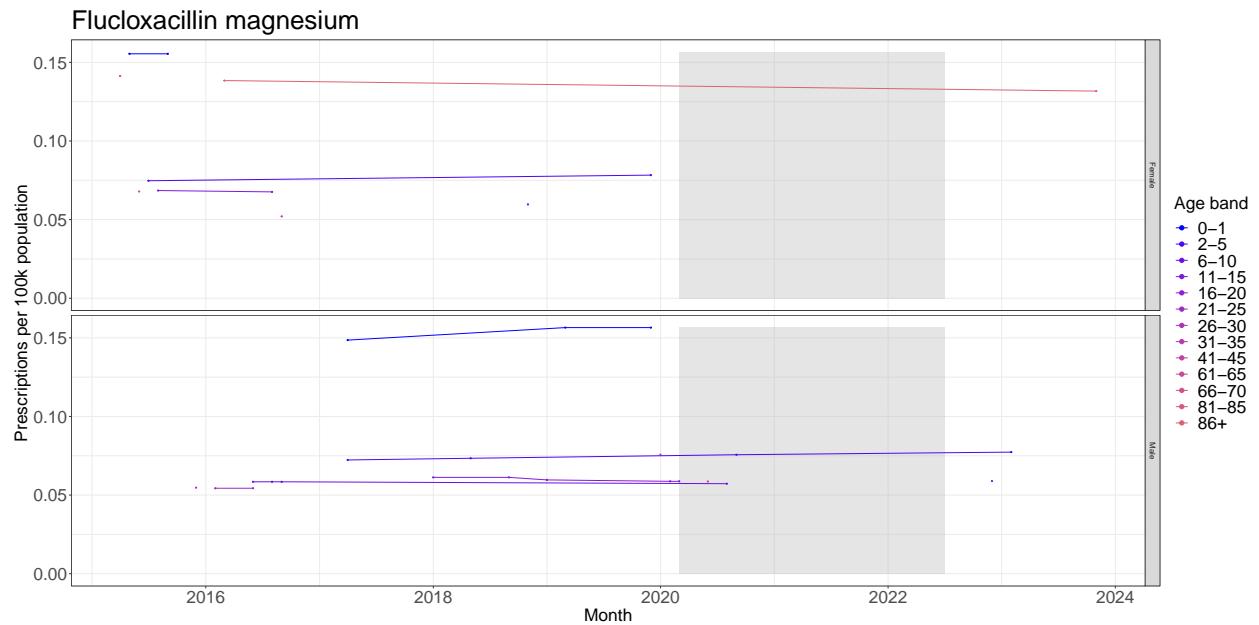


Figure 4: Prescription rate per 100'000 population for Flucloxacillin magnesium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

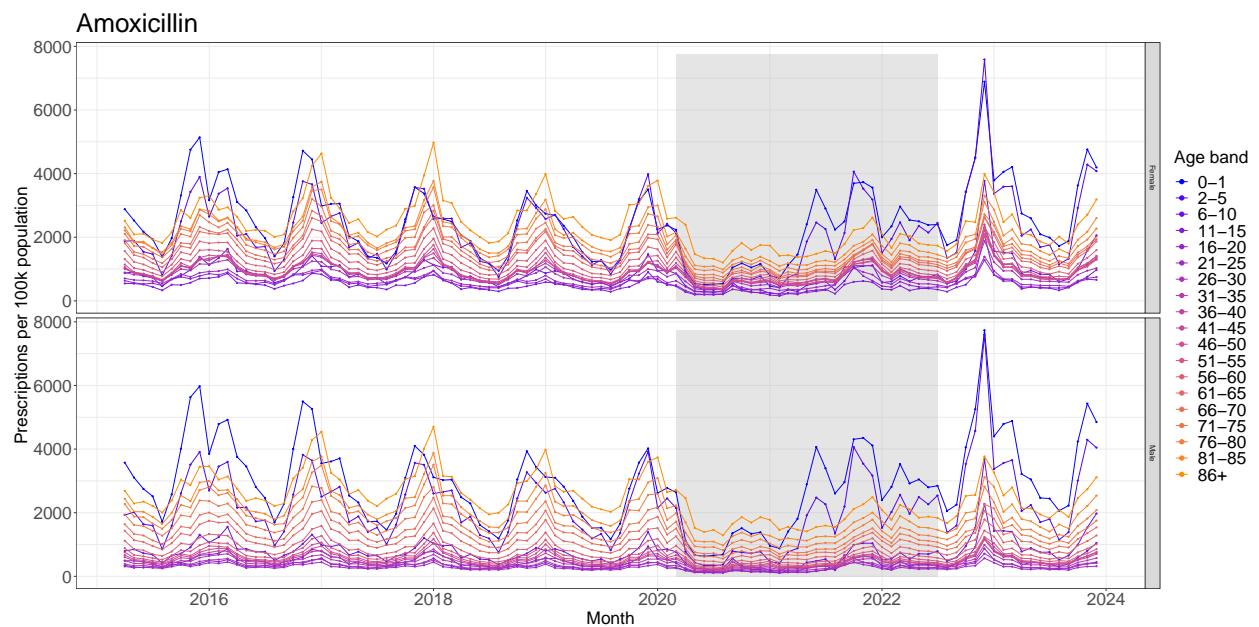


Figure 5: Prescription rate per 100'000 population for Amoxicillin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

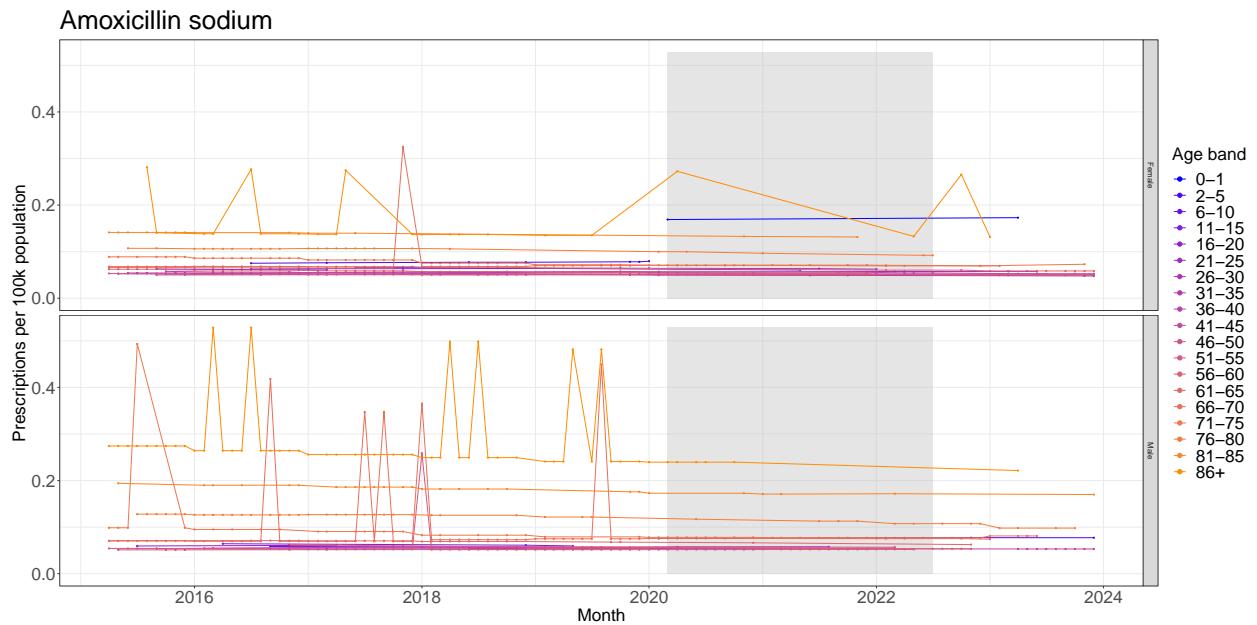


Figure 6: Prescription rate per 100'000 population for Amoxicillin sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 7: Prescription rate per 100'000 population for Ampicillin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

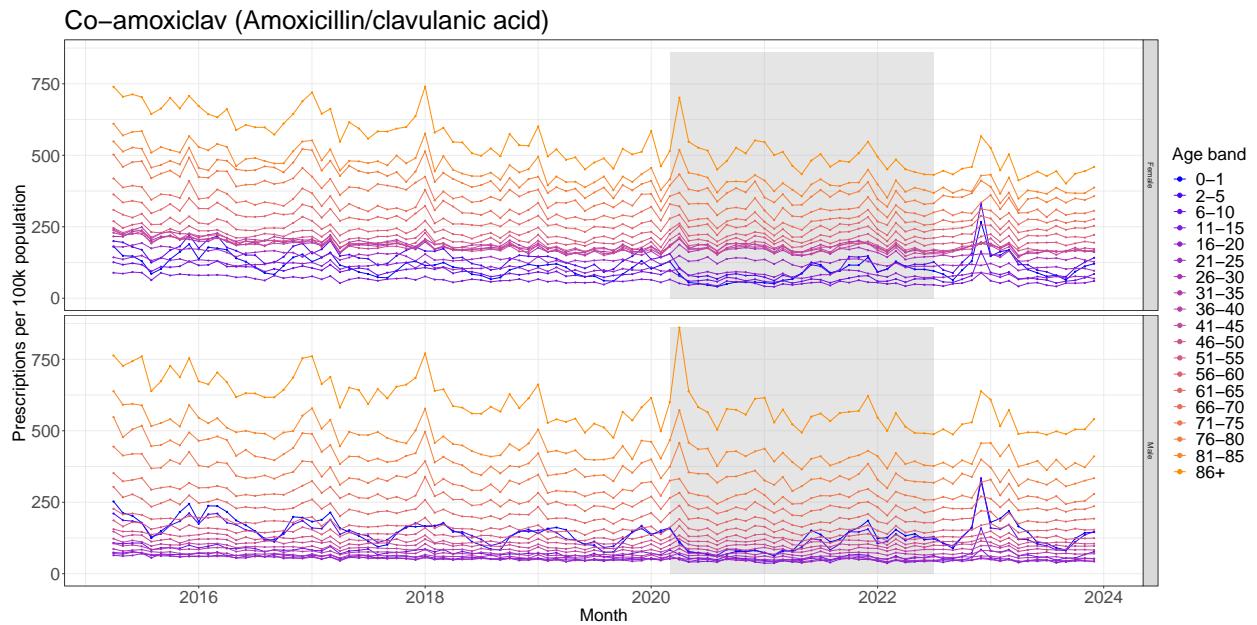


Figure 8: Prescription rate per 100'000 population for Co-amoxiclav (Amoxicillin/clavulanic acid) . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

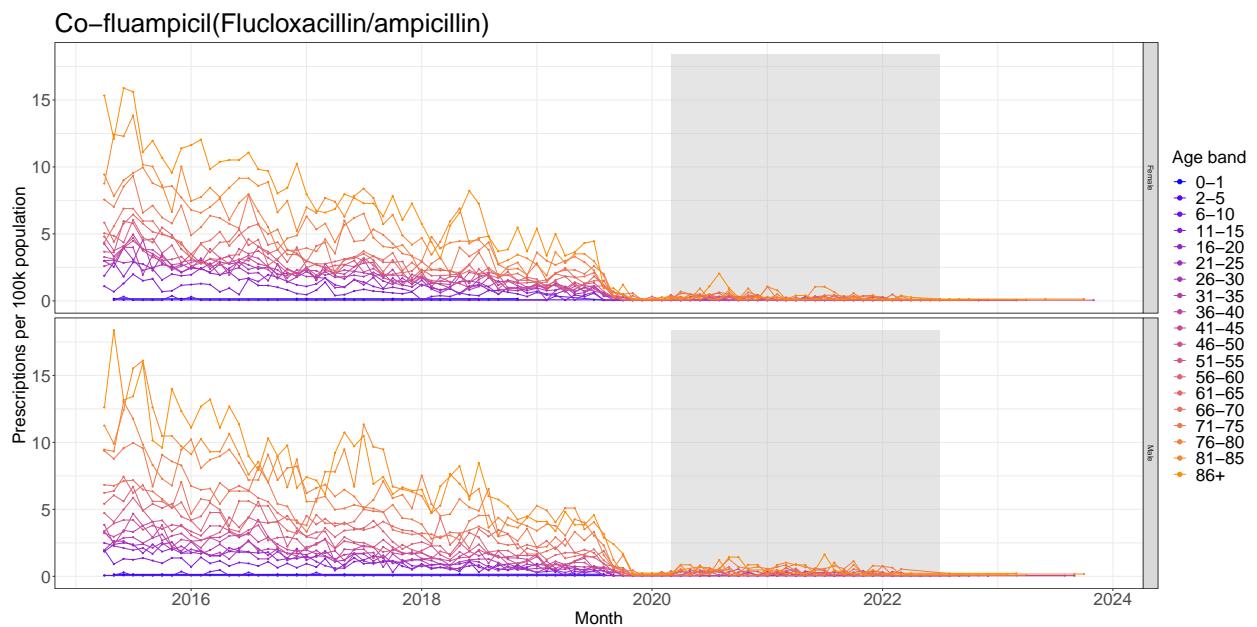


Figure 9: Prescription rate per 100'000 population for Co-fluampicil(Flucloxacillin/ampicillin) . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

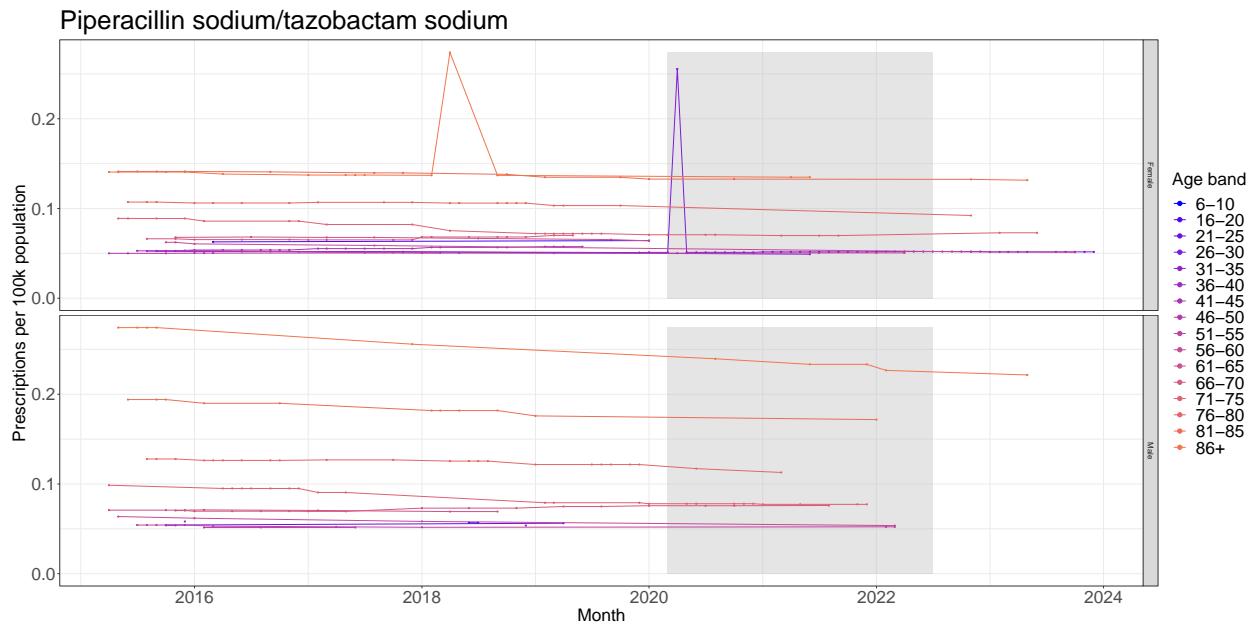


Figure 10: Prescription rate per 100'000 population for Piperacillin sodium/tazobactam sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

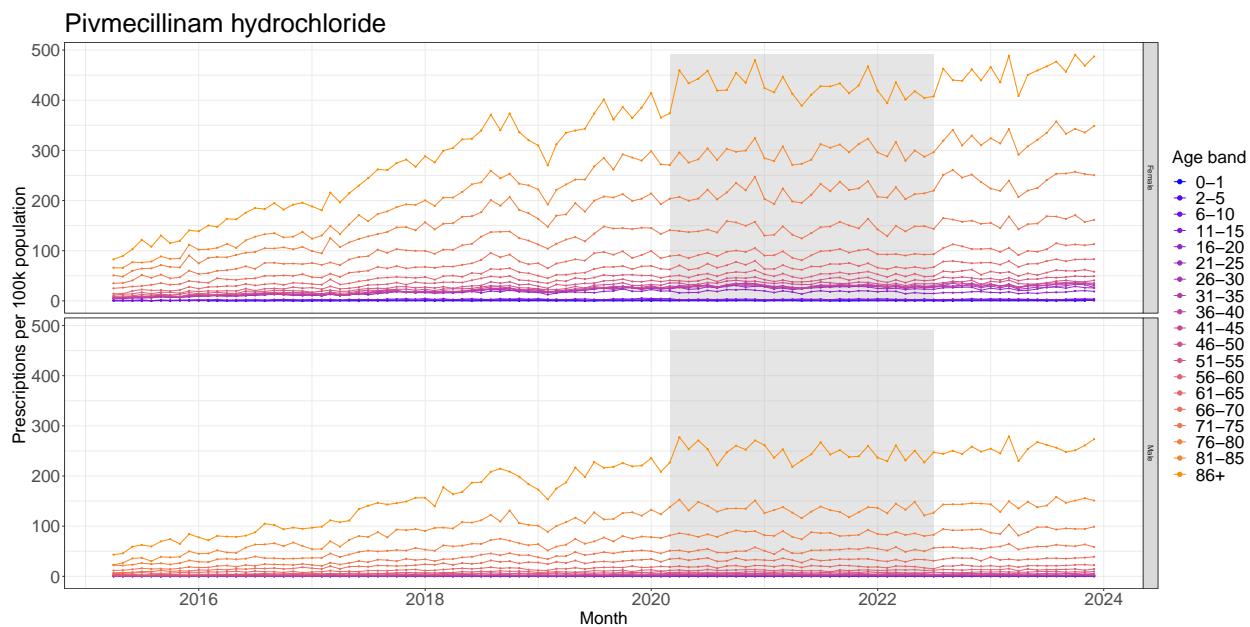


Figure 11: Prescription rate per 100'000 population for Pivmecillinam hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

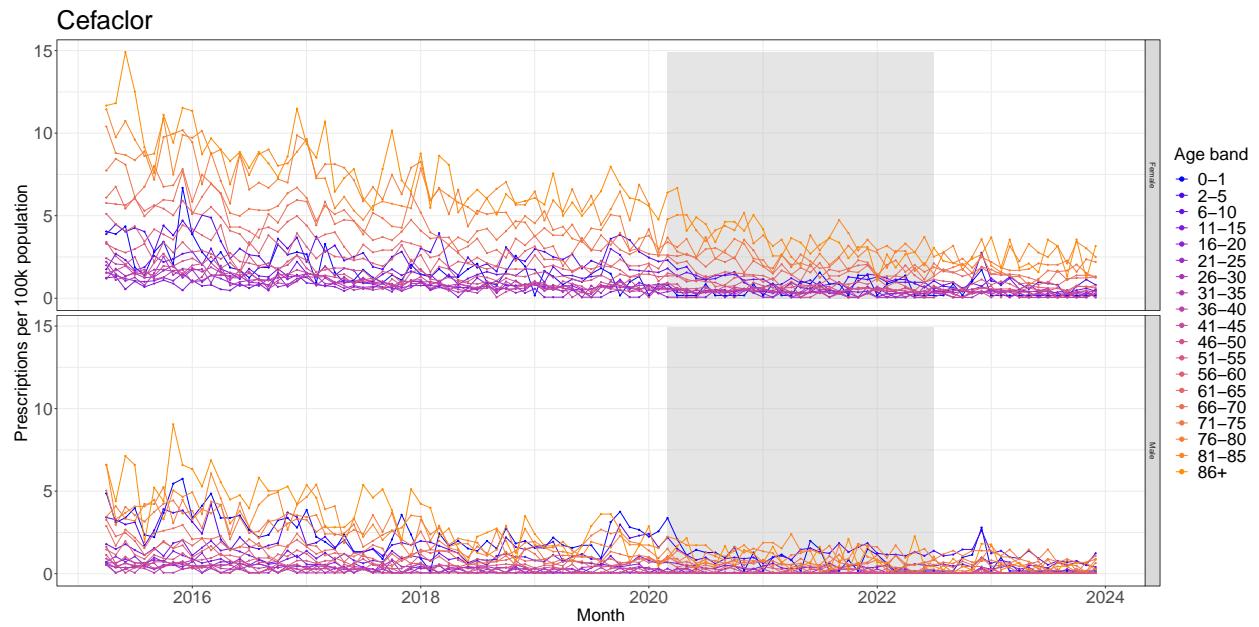


Figure 12: Prescription rate per 100'000 population for Cefaclor . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

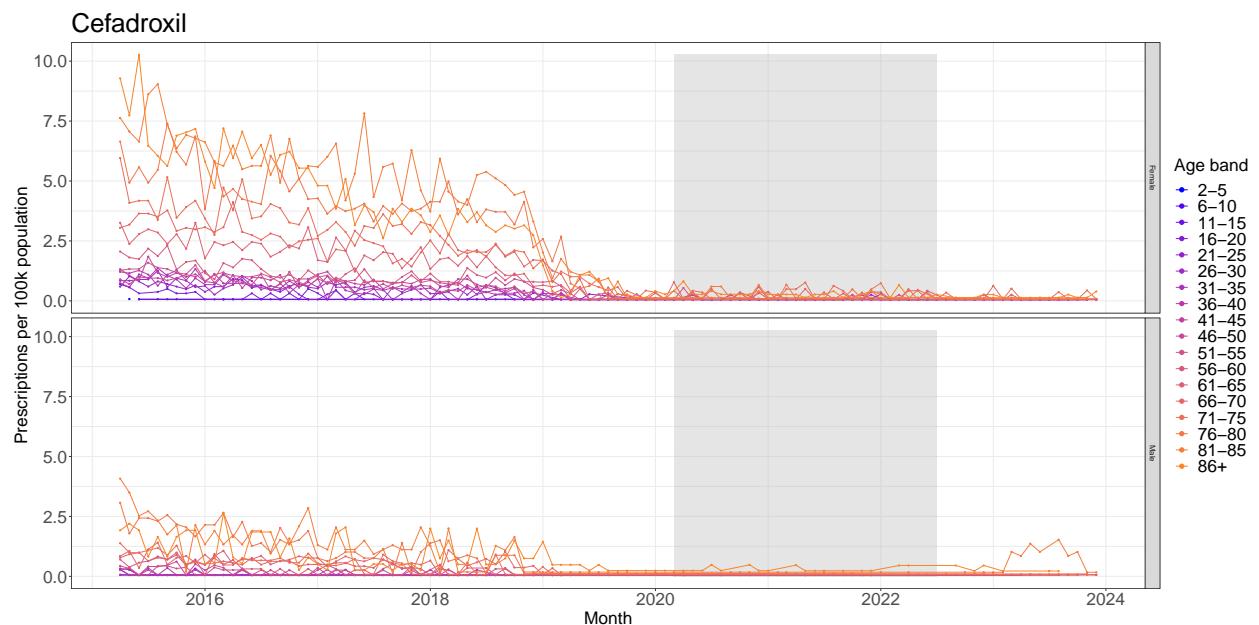


Figure 13: Prescription rate per 100'000 population for Cefadroxil . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 14: Prescription rate per 100'000 population for Cefixime . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

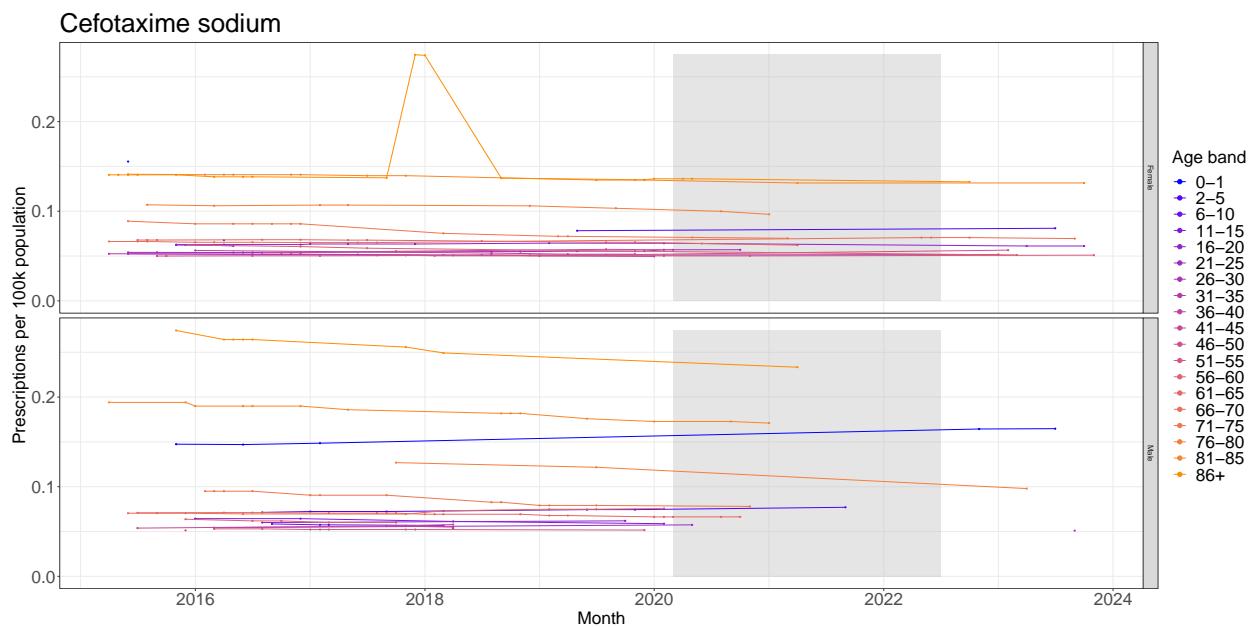


Figure 15: Prescription rate per 100'000 population for Cefotaxime sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

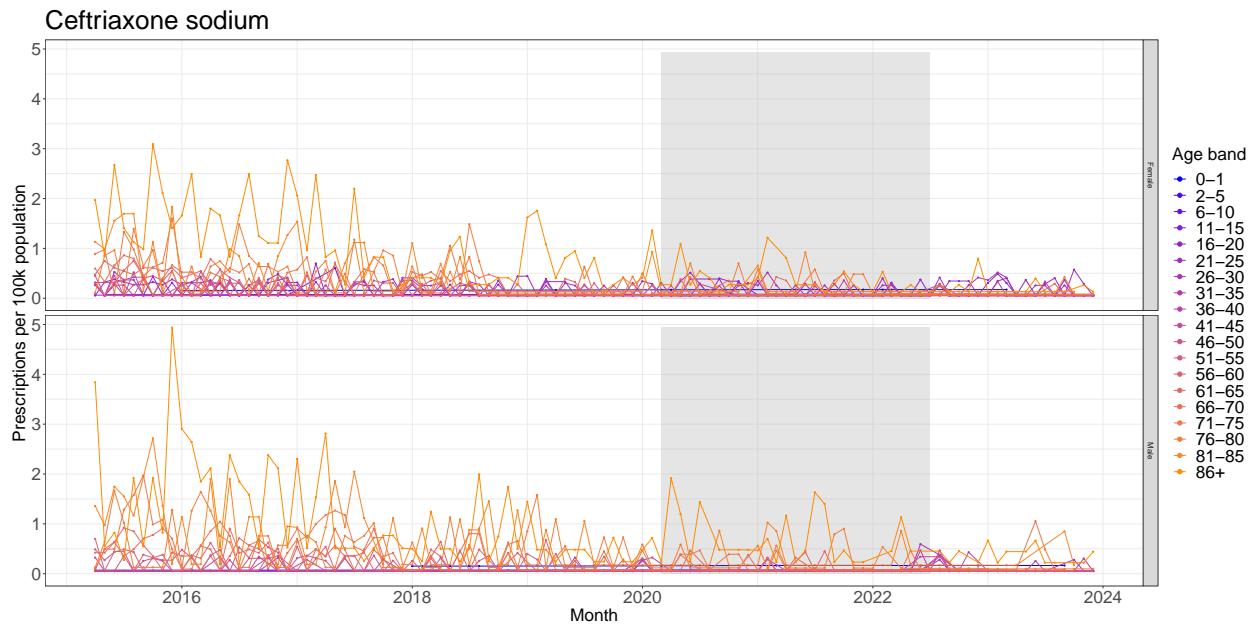


Figure 16: Prescription rate per 100'000 population for Ceftriaxone sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

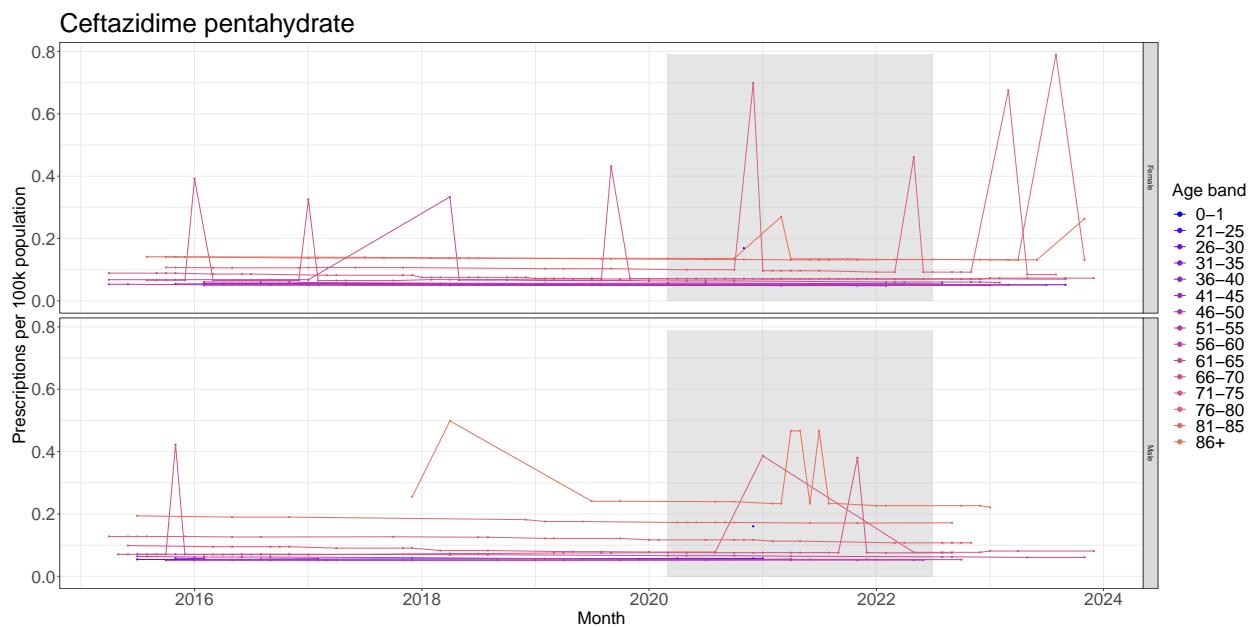


Figure 17: Prescription rate per 100'000 population for Ceftazidime pentahydrate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

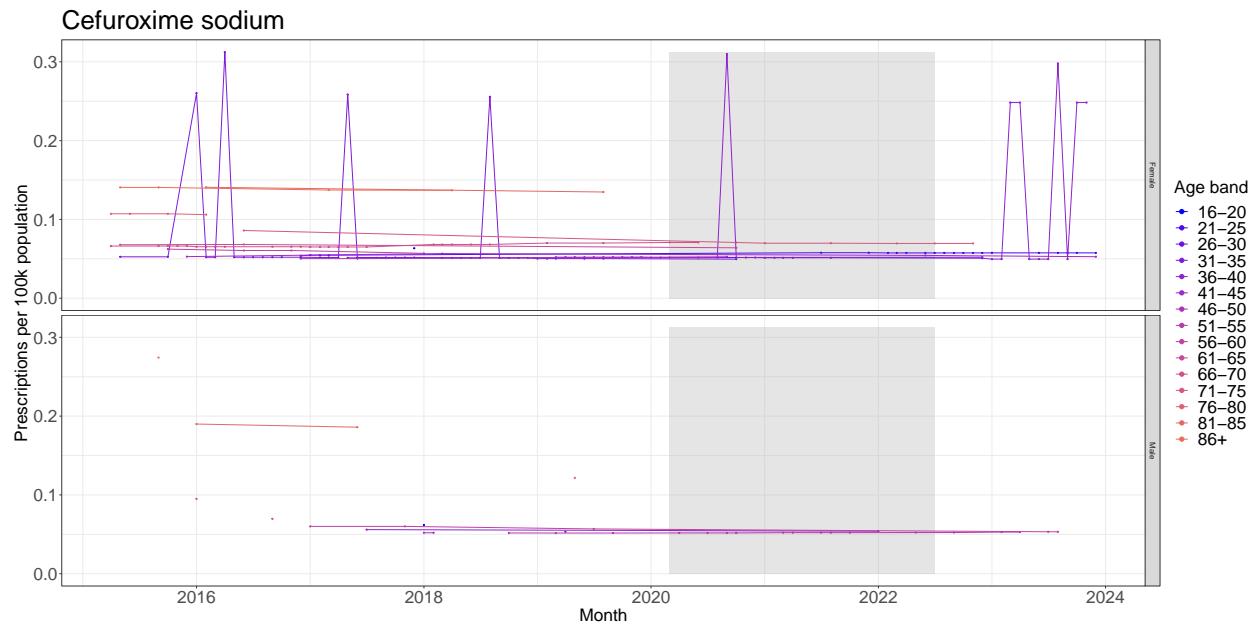


Figure 18: Prescription rate per 100'000 population for Cefuroxime sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

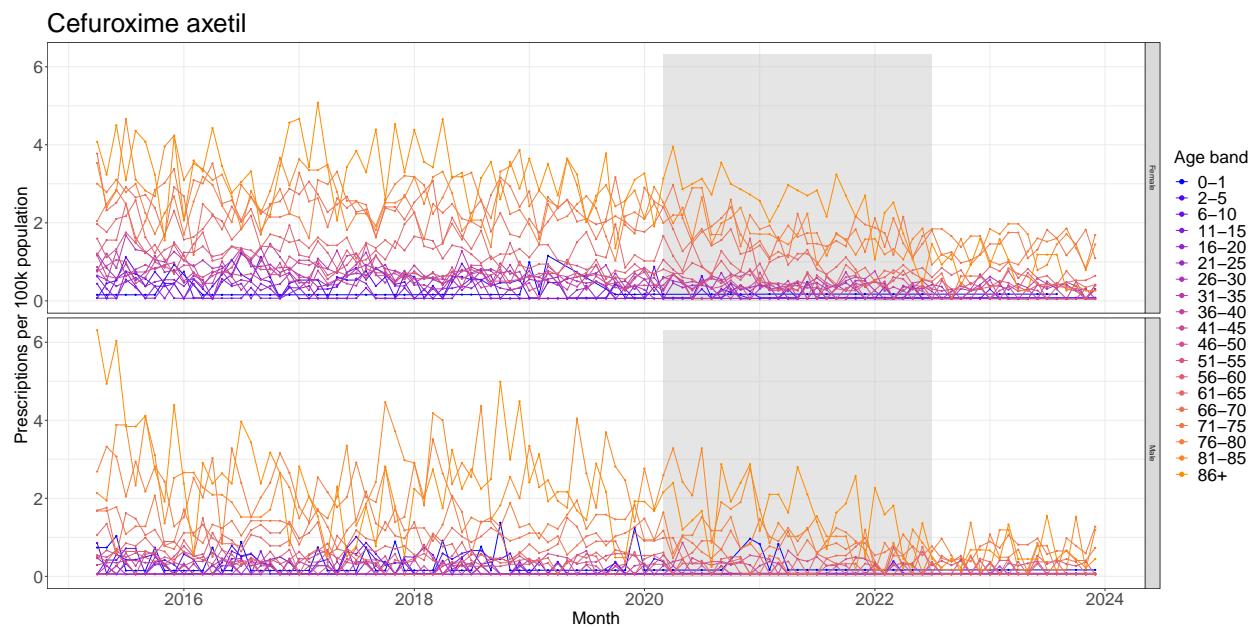


Figure 19: Prescription rate per 100'000 population for Cefuroxime axetil . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

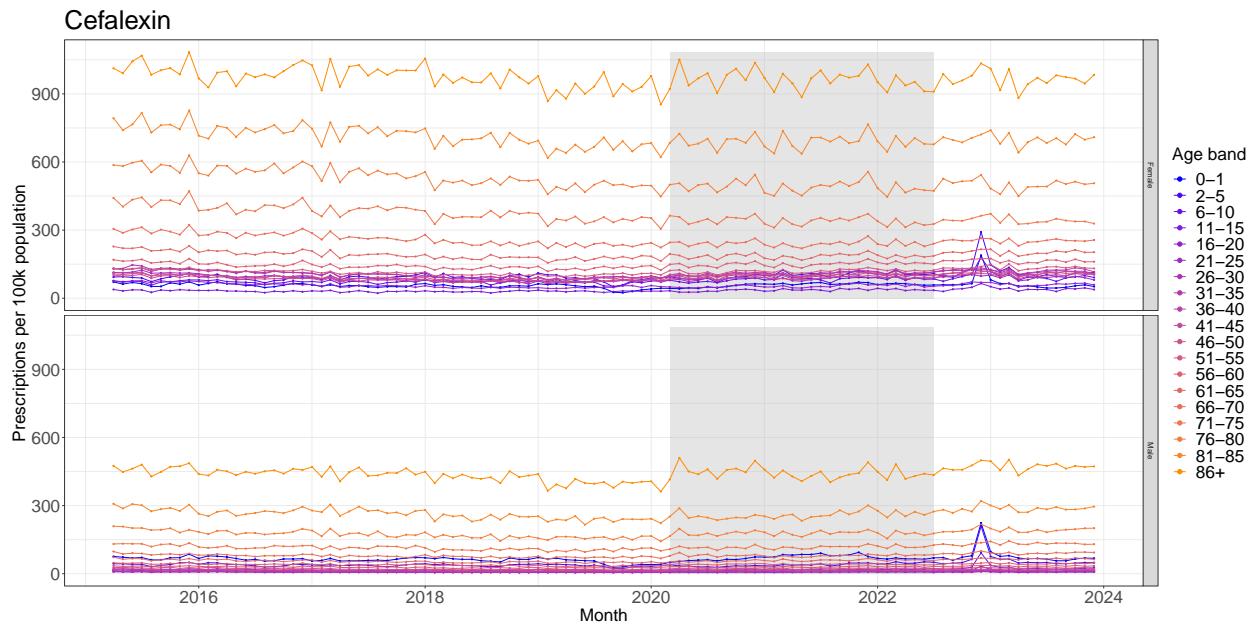


Figure 20: Prescription rate per 100'000 population for Cefalexin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

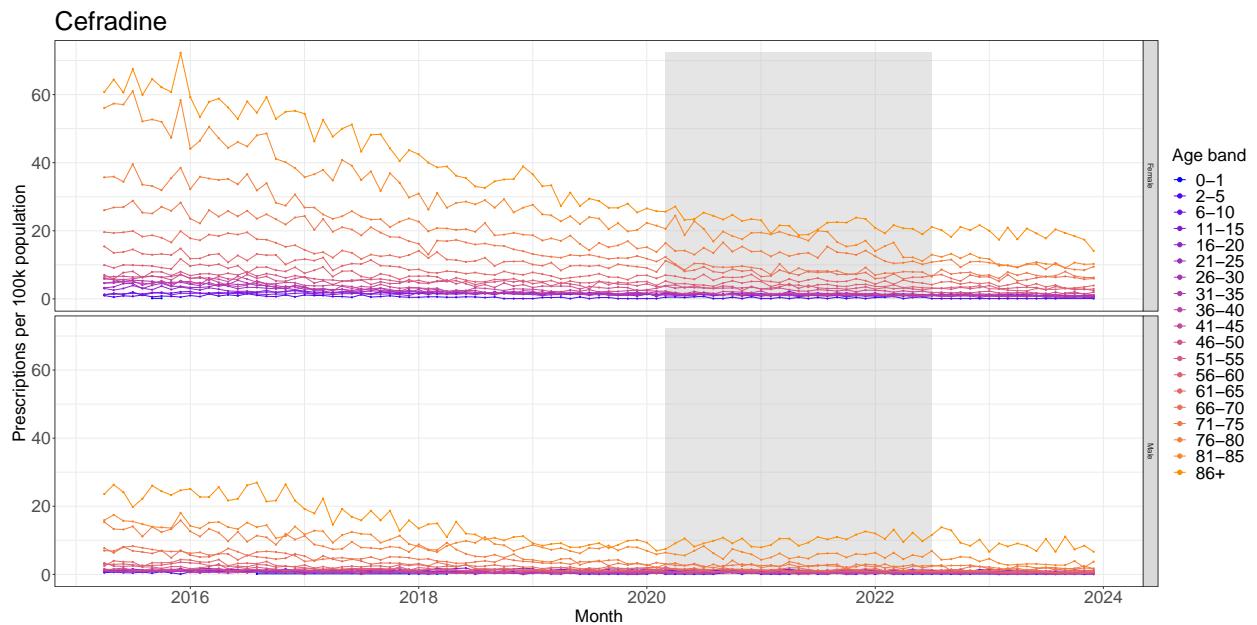


Figure 21: Prescription rate per 100'000 population for Cefradine . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

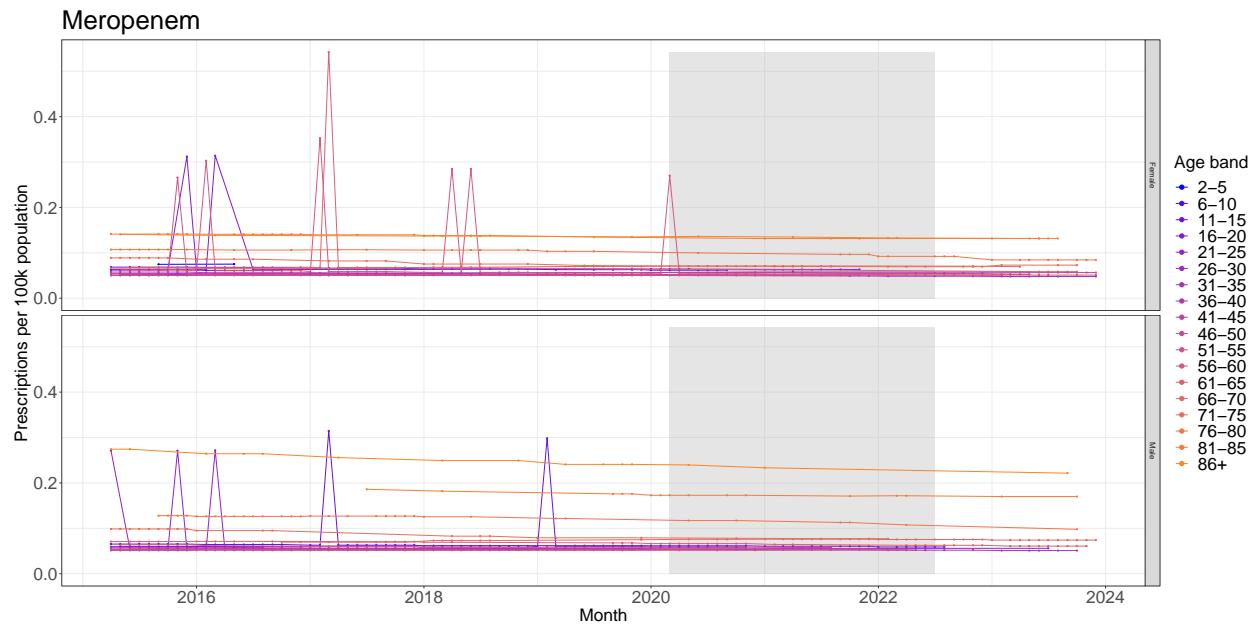


Figure 22: Prescription rate per 100'000 population for Meropenem . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

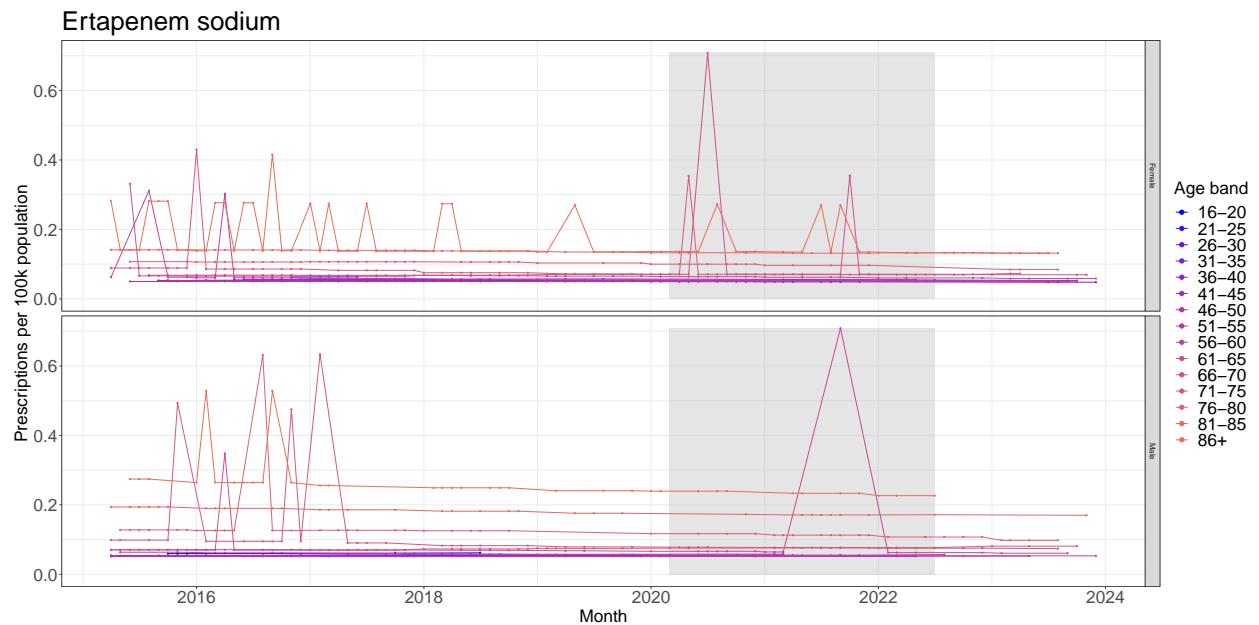


Figure 23: Prescription rate per 100'000 population for Ertapenem sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

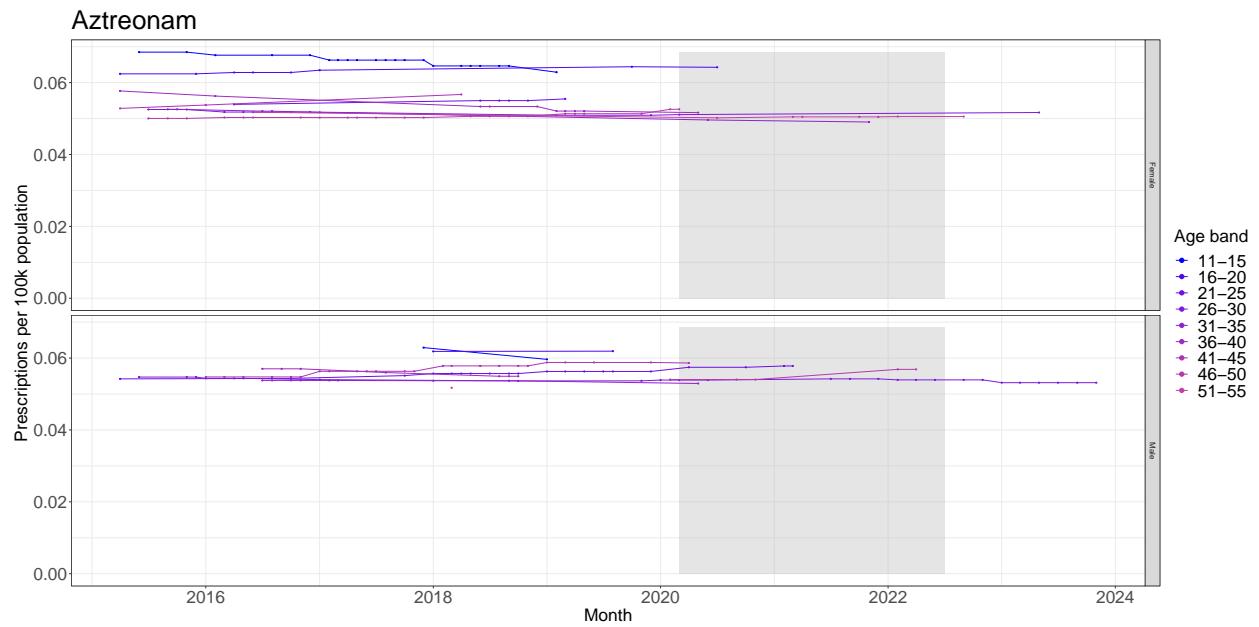


Figure 24: Prescription rate per 100'000 population for Aztreonam . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

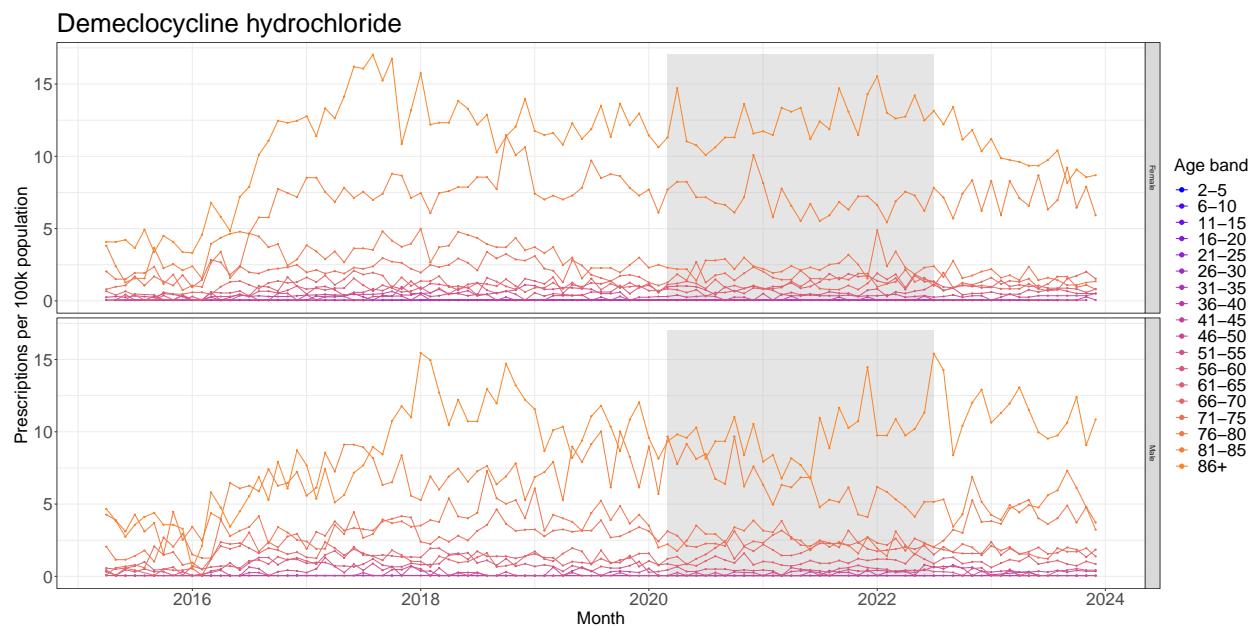


Figure 25: Prescription rate per 100'000 population for Demeclocycline hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

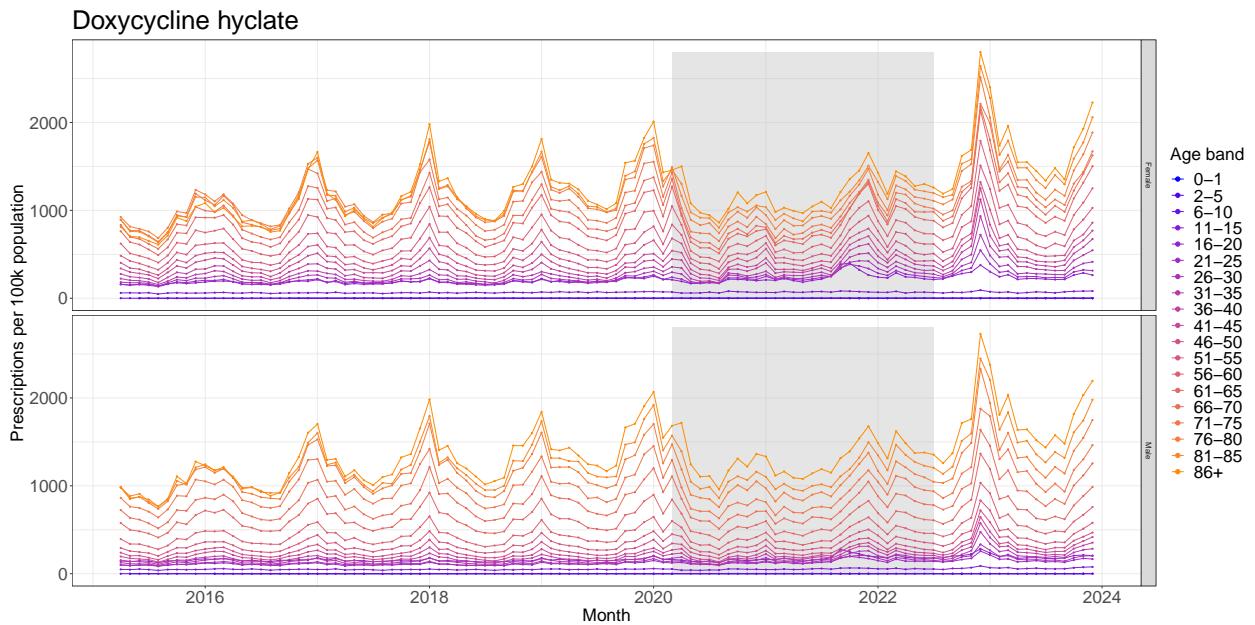


Figure 26: Prescription rate per 100'000 population for Doxycycline hyolate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 27: Prescription rate per 100'000 population for Lymecycline . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

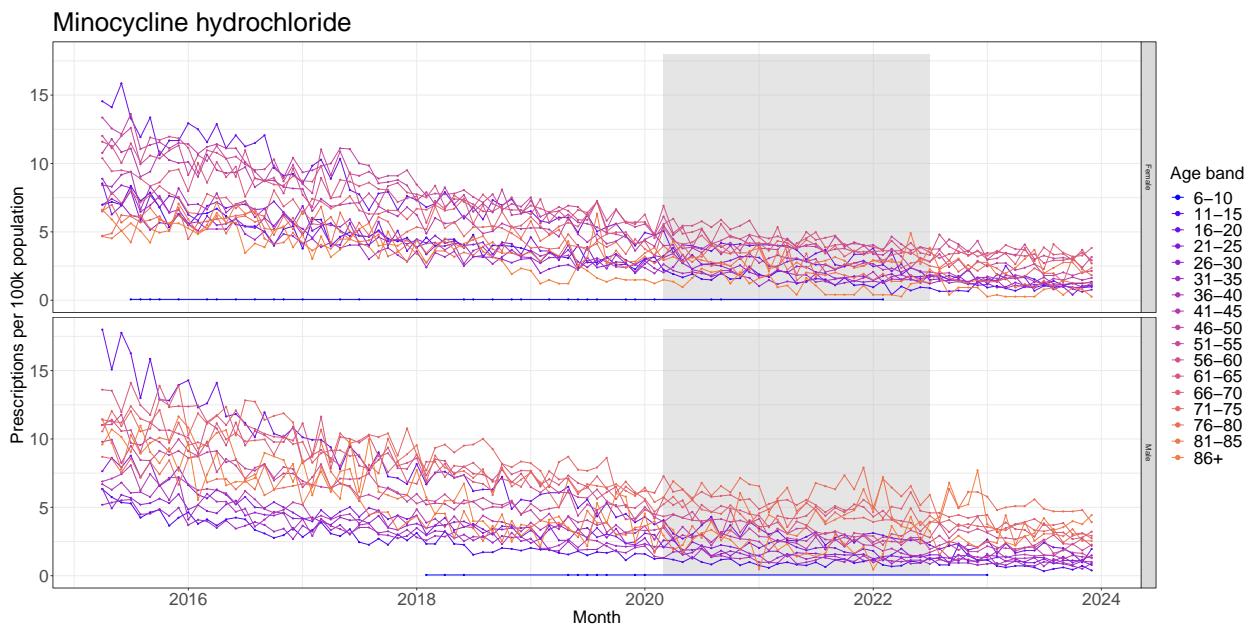


Figure 28: Prescription rate per 100'000 population for Minocycline hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

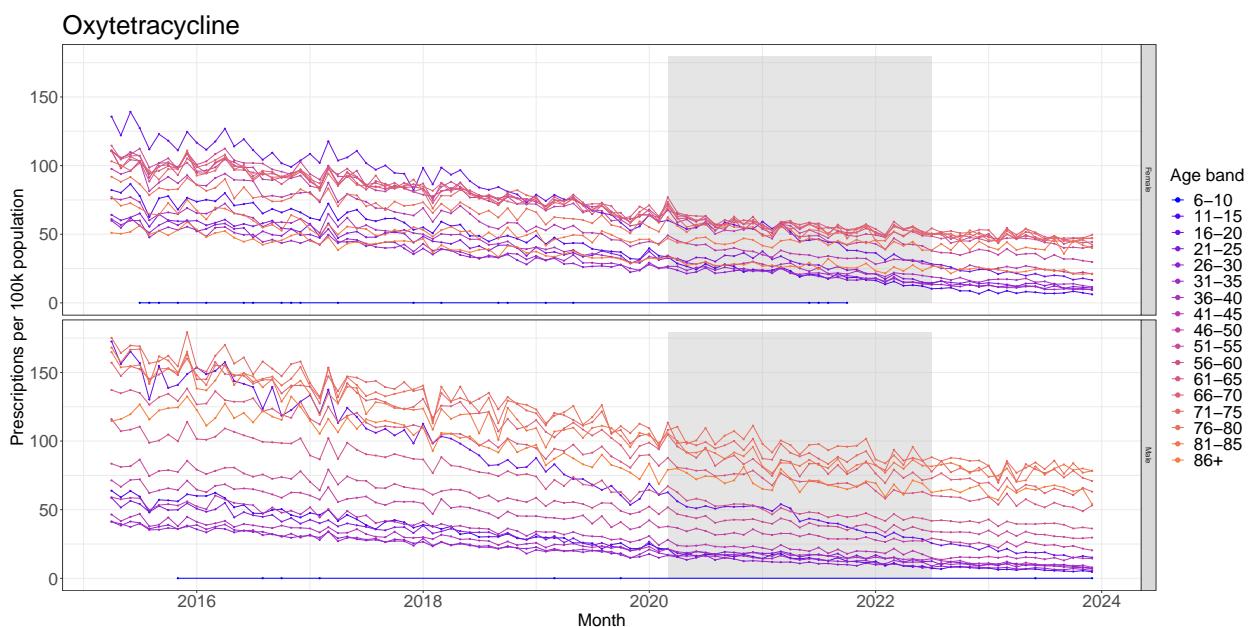


Figure 29: Prescription rate per 100'000 population for Oxytetracycline . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 30: Prescription rate per 100'000 population for Tetracycline . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

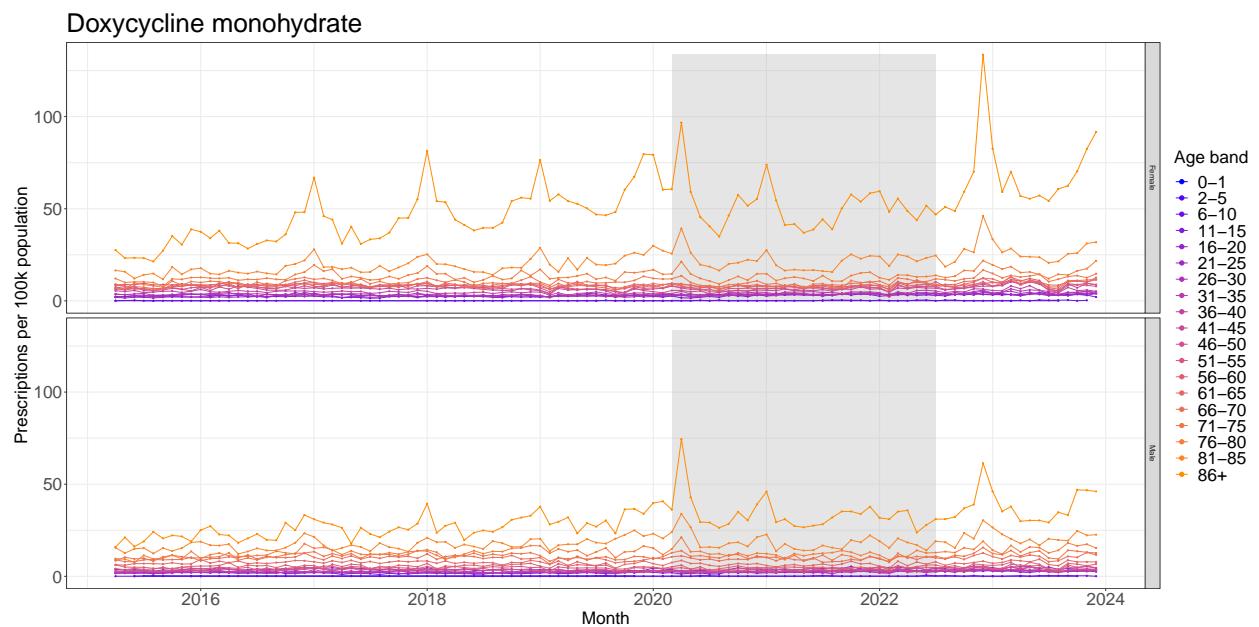


Figure 31: Prescription rate per 100'000 population for Doxycycline monohydrate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

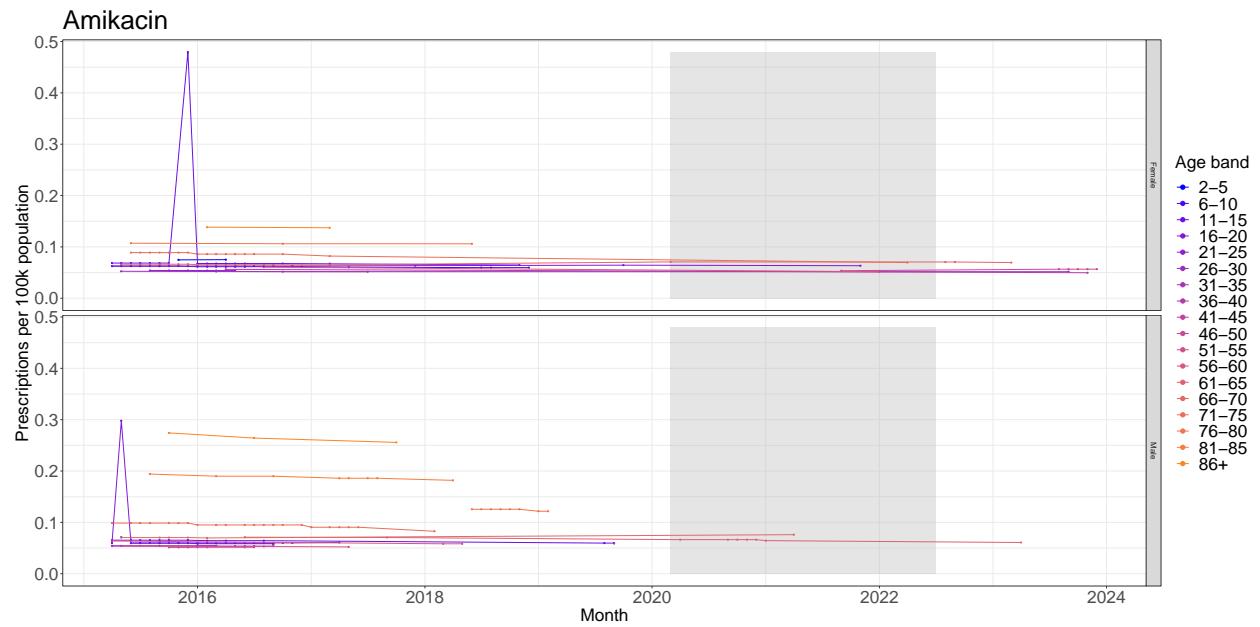


Figure 32: Prescription rate per 100'000 population for Amikacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 33: Prescription rate per 100'000 population for Gentamicin sulfate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 34: Prescription rate per 100'000 population for Neomycin sulfate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

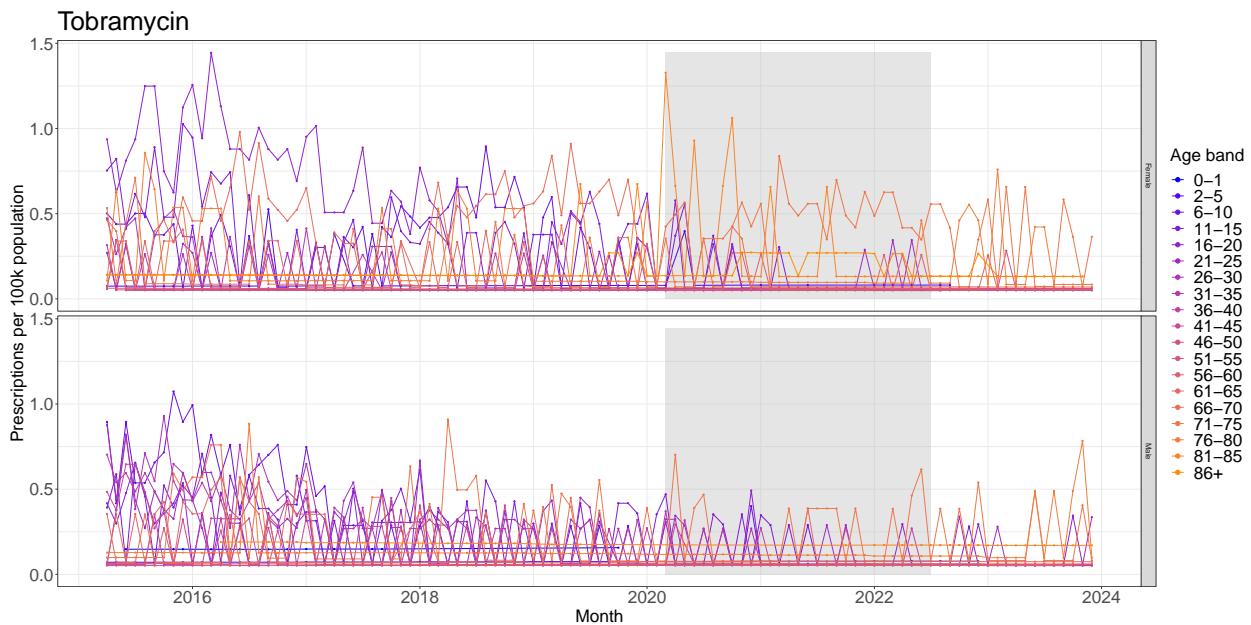


Figure 35: Prescription rate per 100'000 population for Tobramycin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

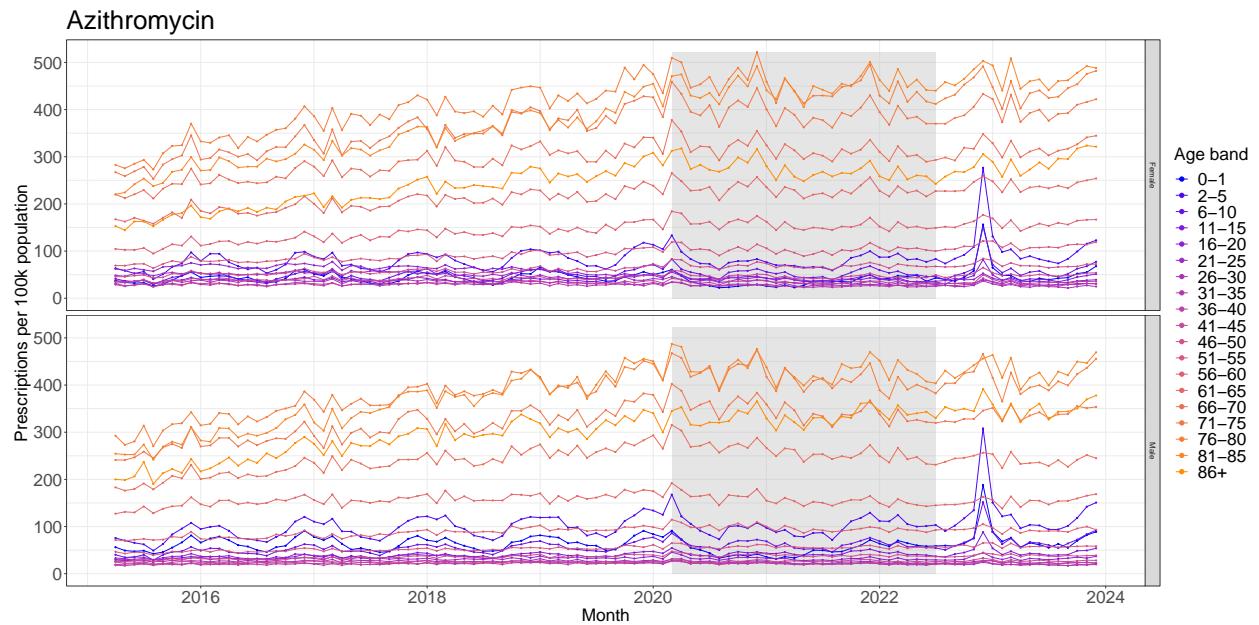


Figure 36: Prescription rate per 100'000 population for Azithromycin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

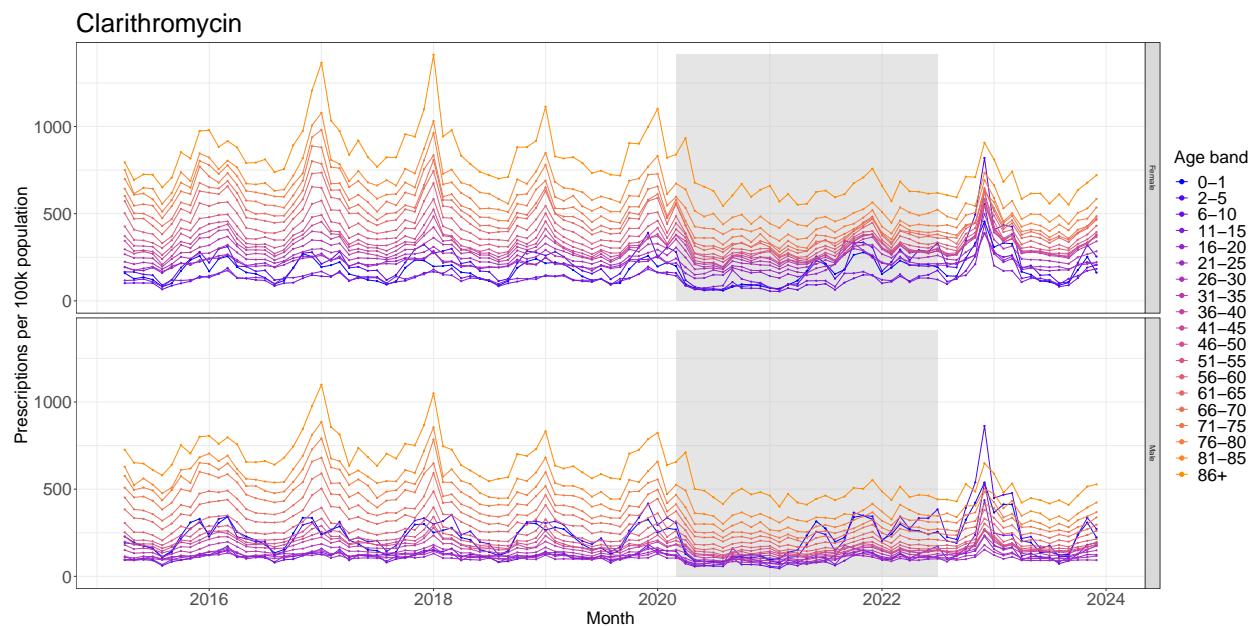


Figure 37: Prescription rate per 100'000 population for Clarithromycin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

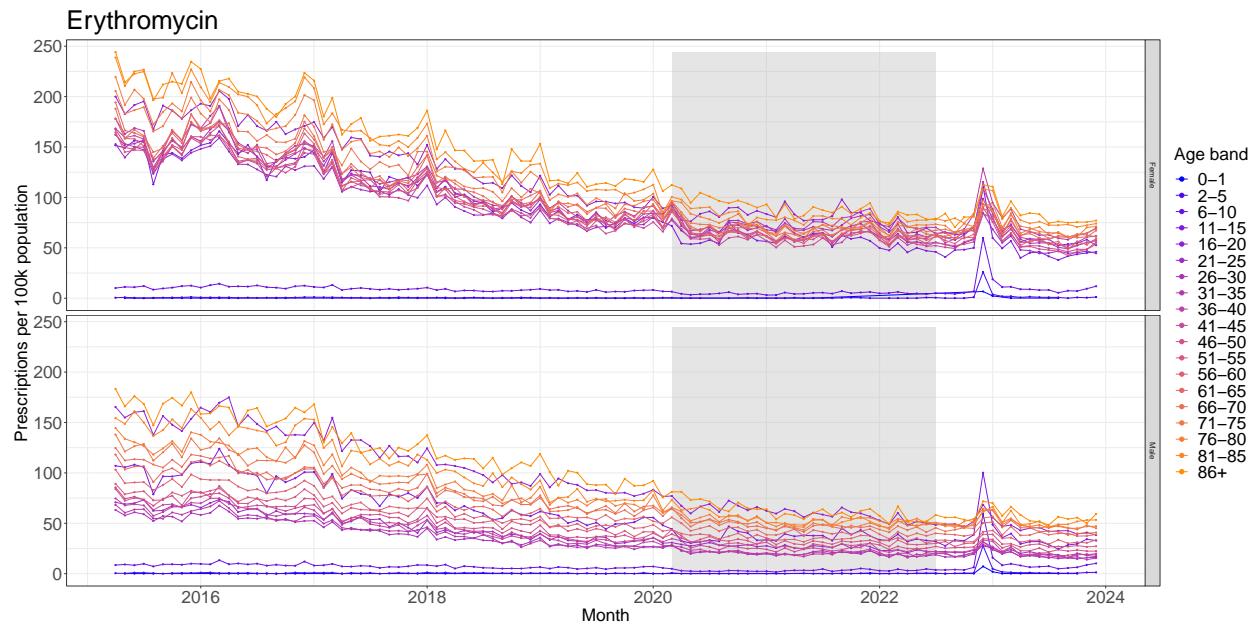


Figure 38: Prescription rate per 100'000 population for Erythromycin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

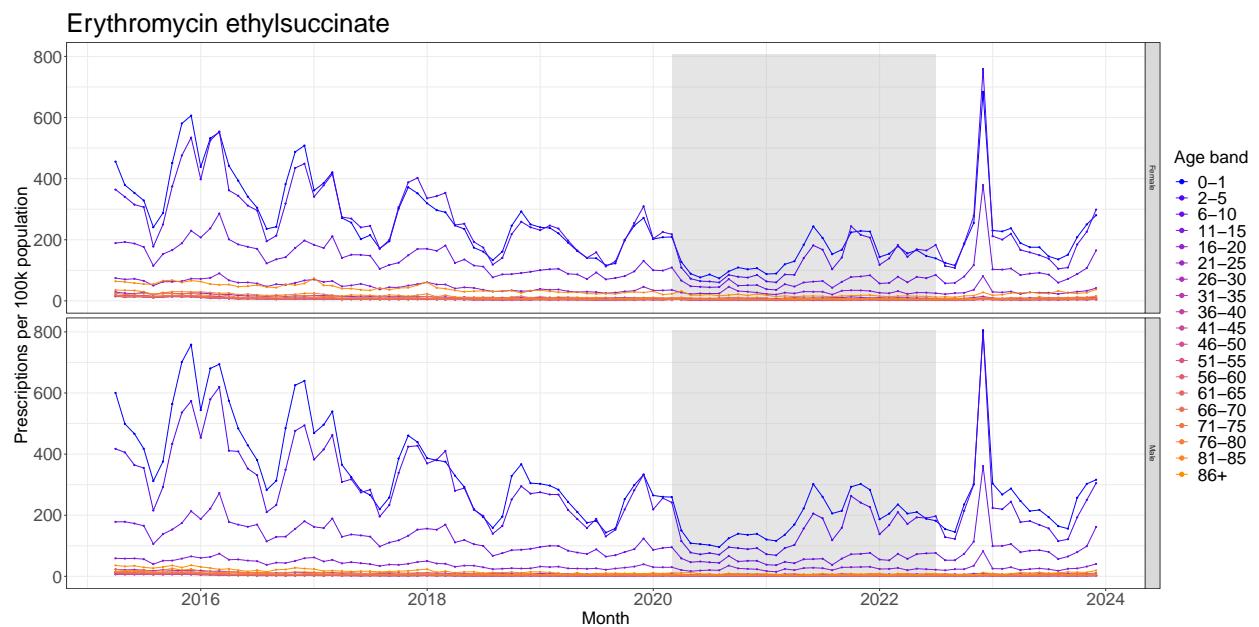


Figure 39: Prescription rate per 100'000 population for Erythromycin ethylsuccinate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

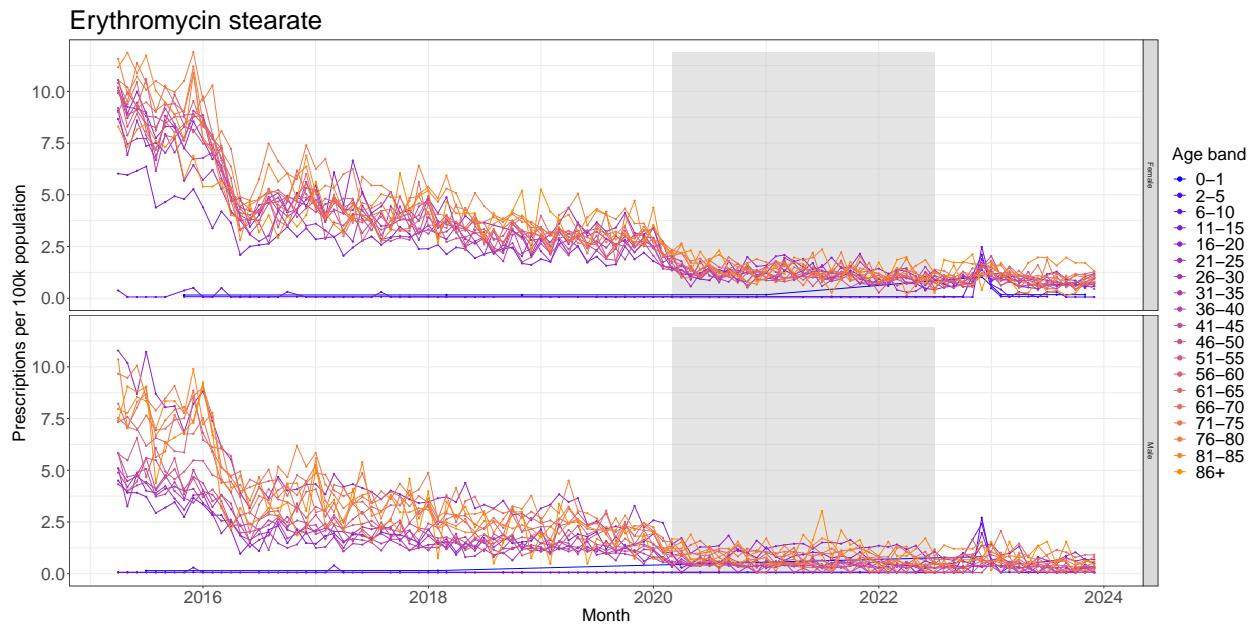


Figure 40: Prescription rate per 100'000 population for Erythromycin stearate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

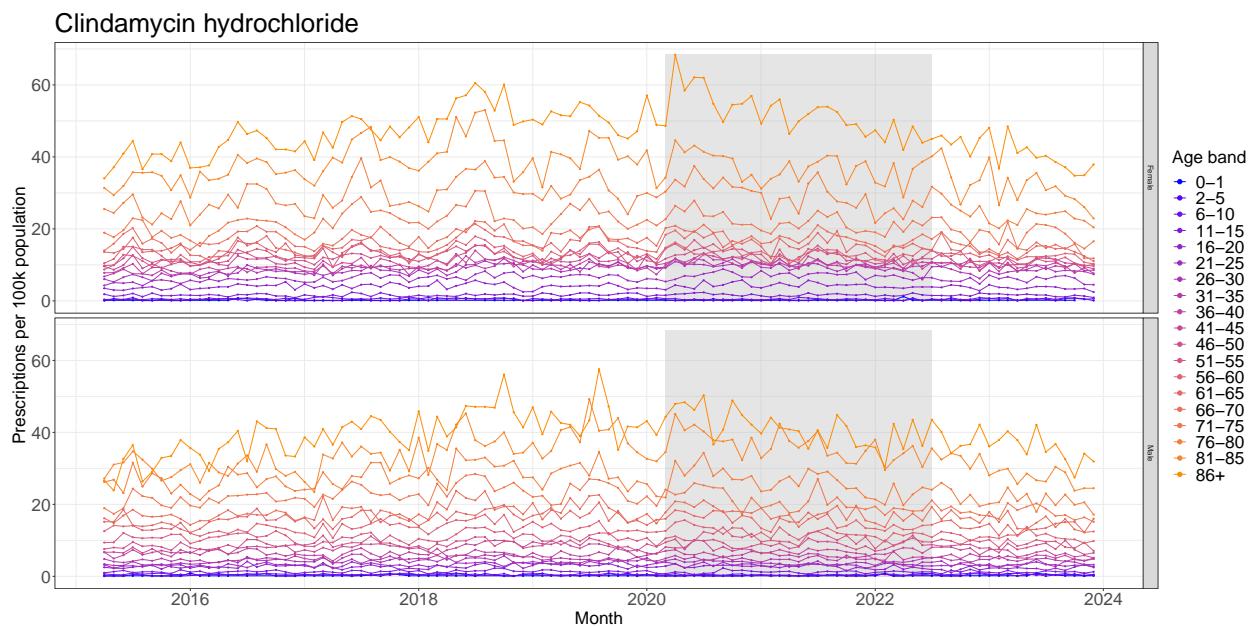


Figure 41: Prescription rate per 100'000 population for Clindamycin hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

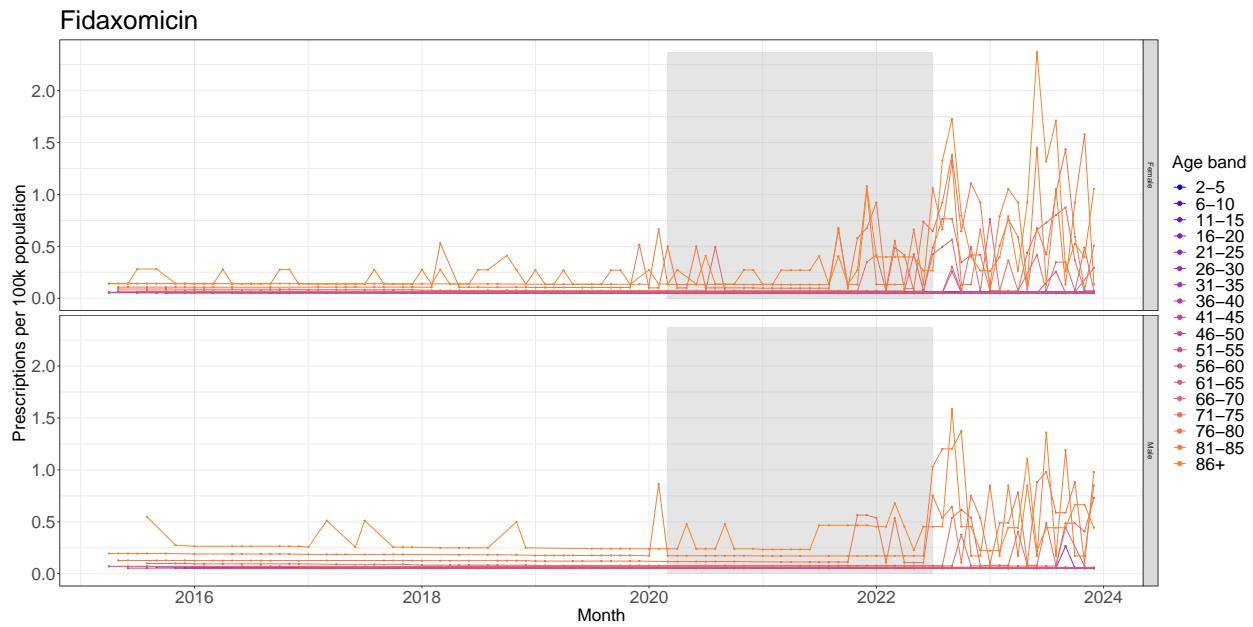


Figure 42: Prescription rate per 100'000 population for Fidaxomicin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

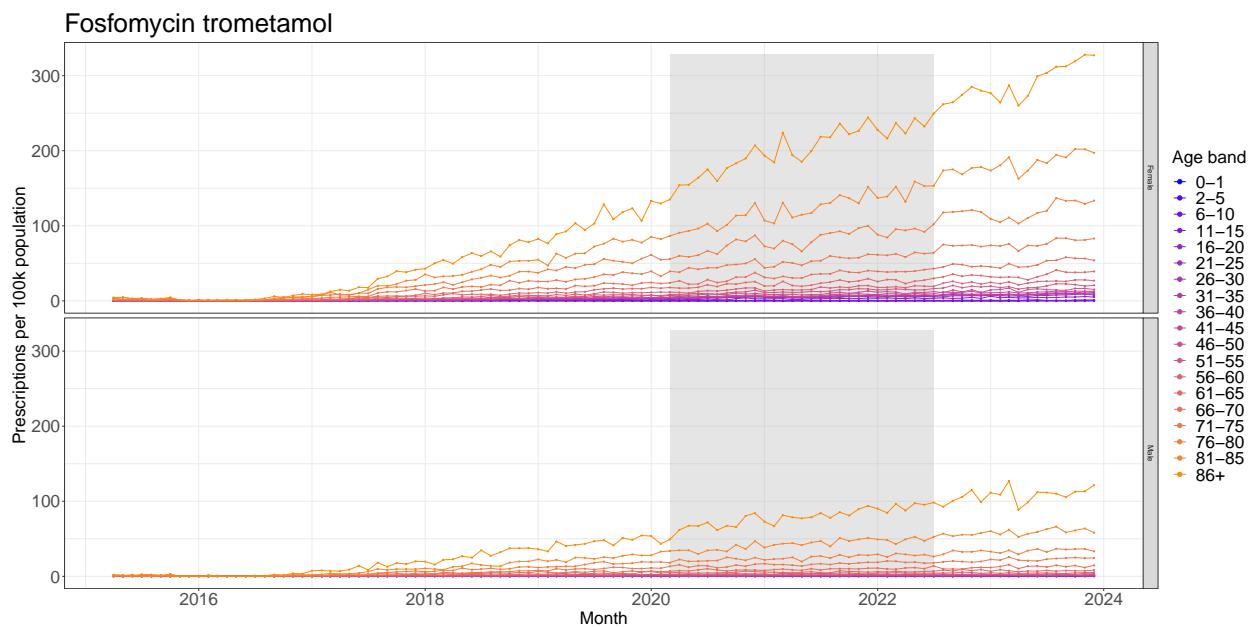


Figure 43: Prescription rate per 100'000 population for Fosfomycin trometamol . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

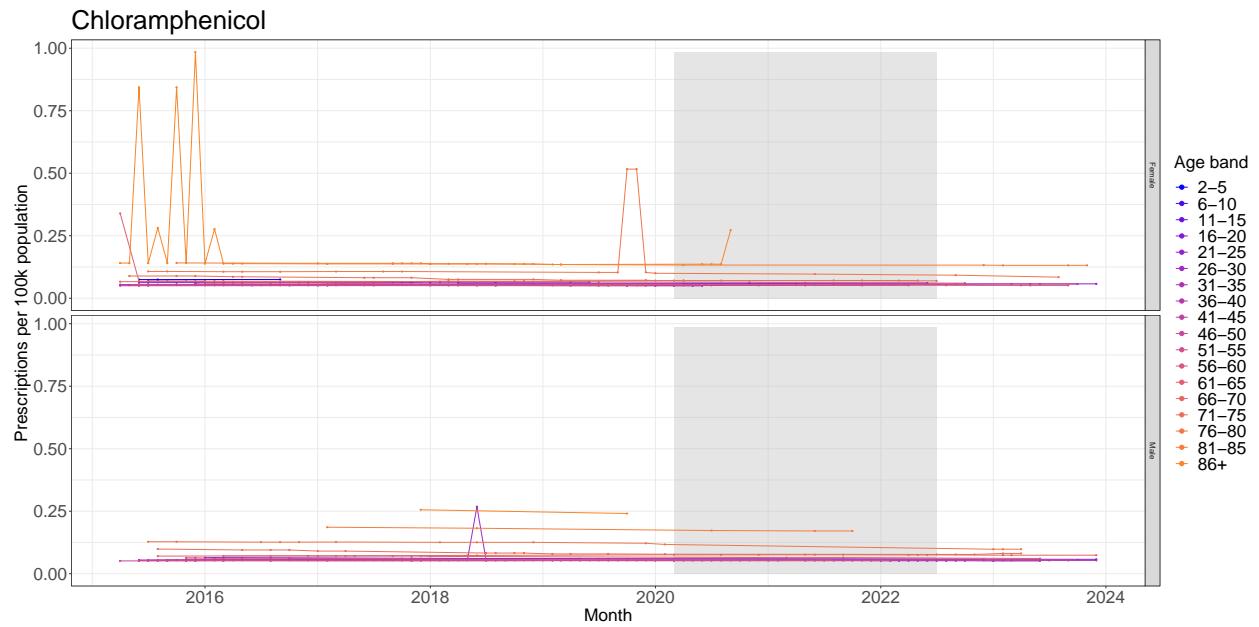


Figure 44: Prescription rate per 100'000 population for Chloramphenicol . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

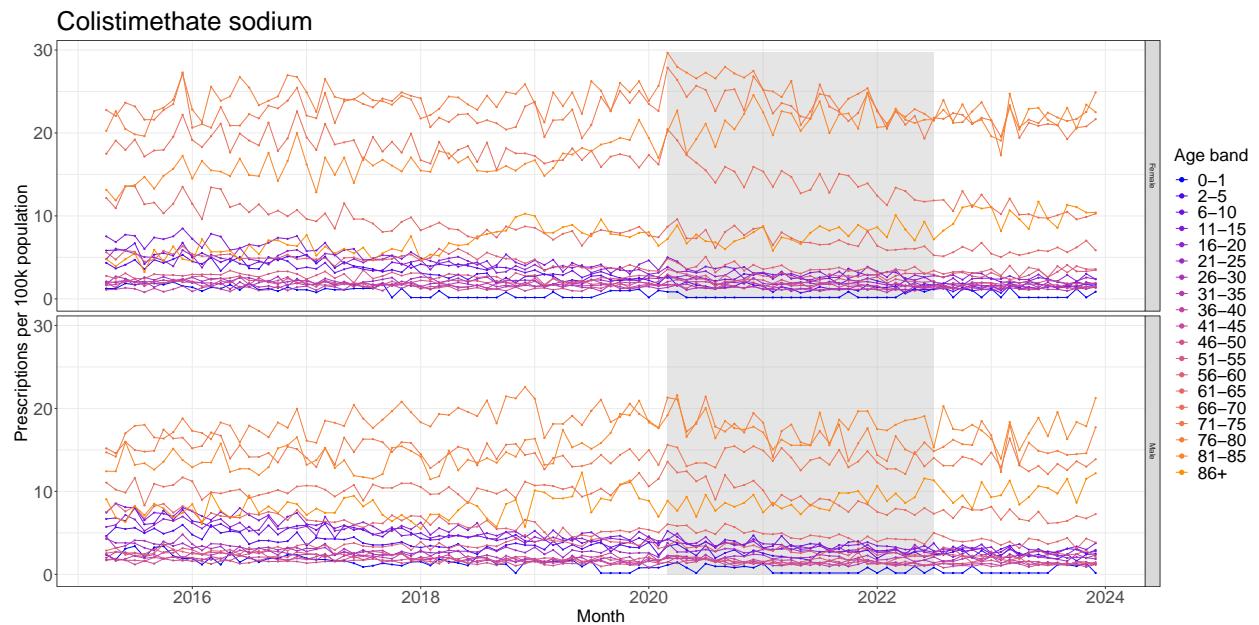


Figure 45: Prescription rate per 100'000 population for Colistimethate sodium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

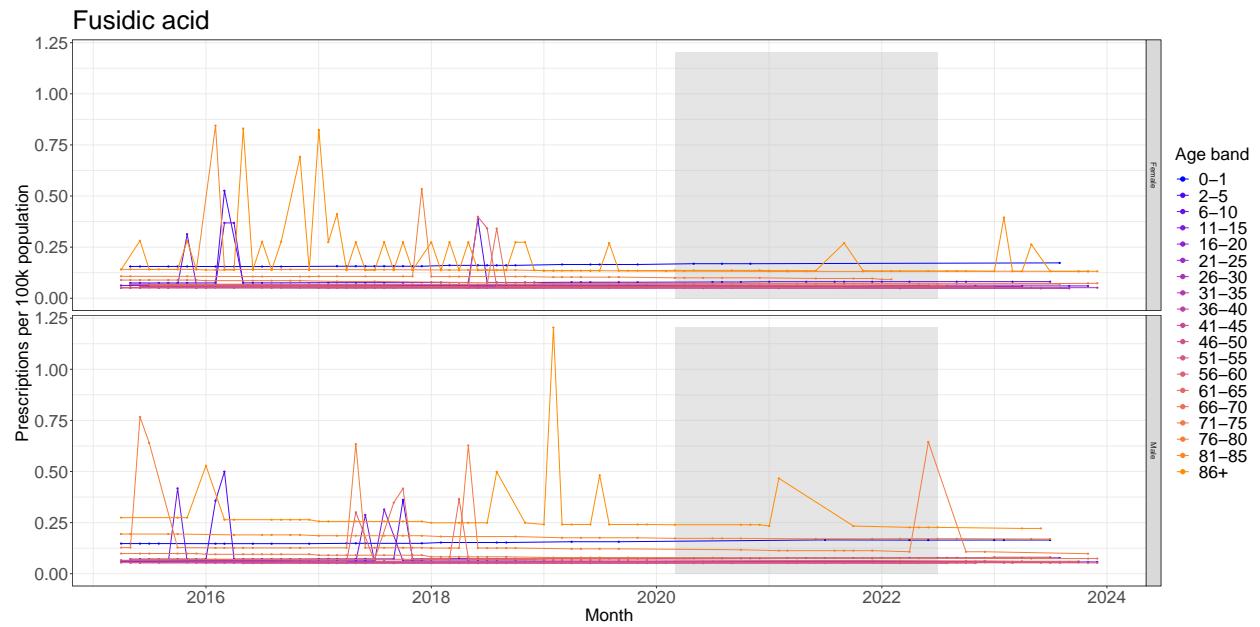


Figure 46: Prescription rate per 100'000 population for Fusidic acid . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

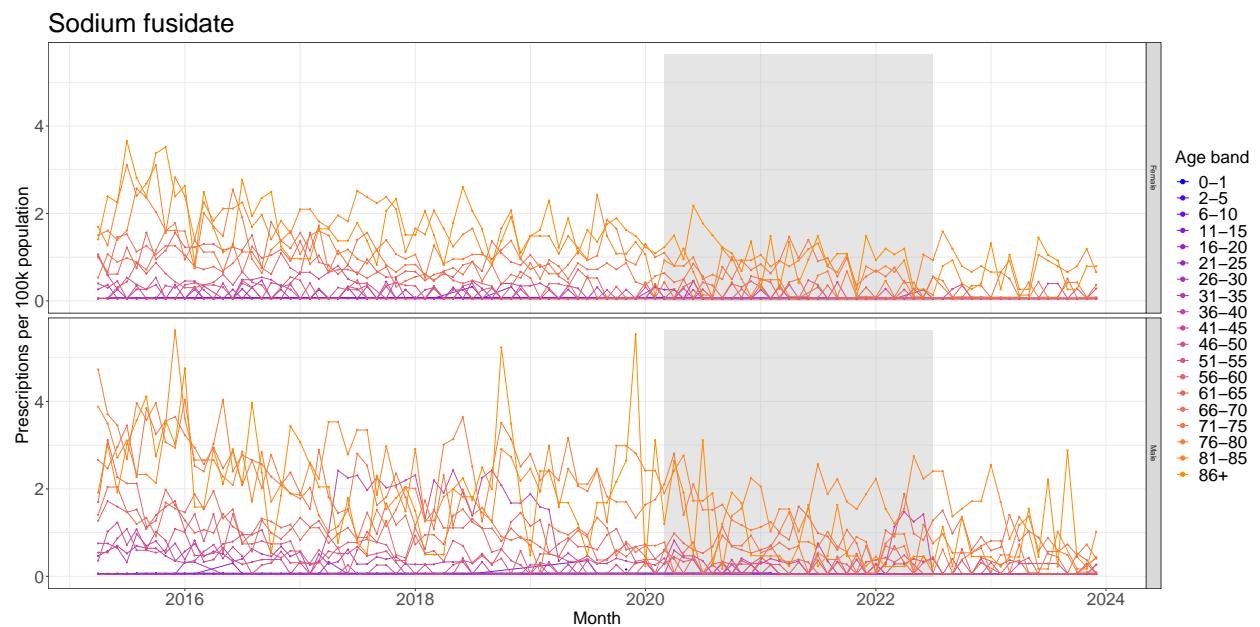


Figure 47: Prescription rate per 100'000 population for Sodium fusidate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 48: Prescription rate per 100'000 population for Teicoplanin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

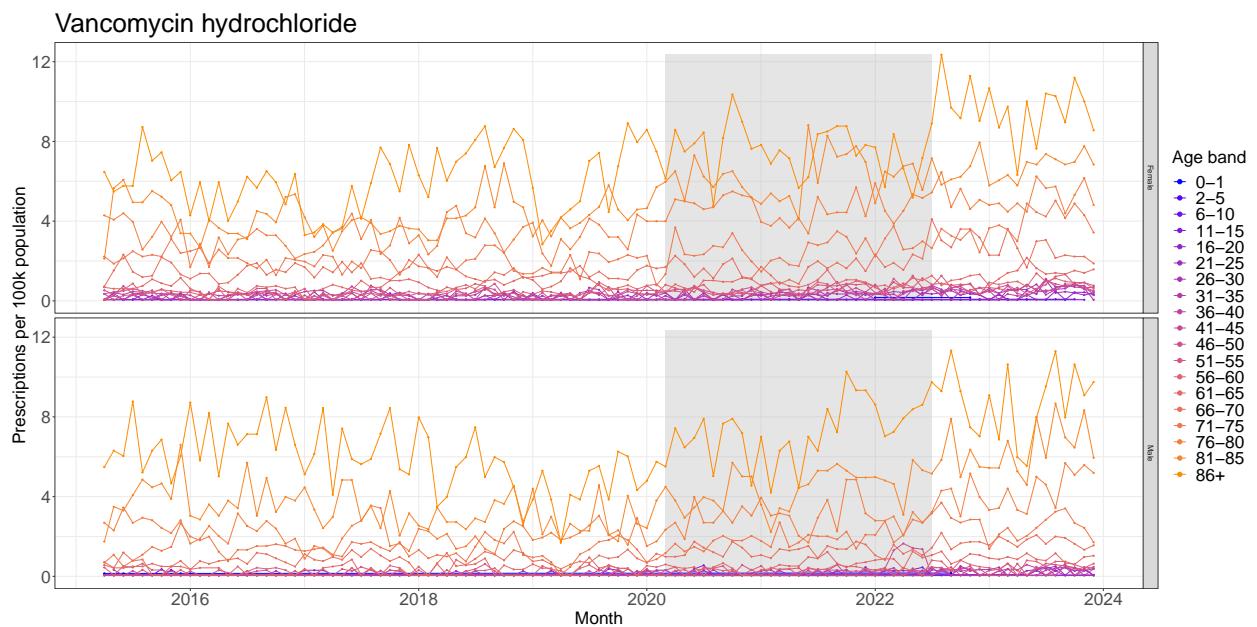


Figure 49: Prescription rate per 100'000 population for Vancomycin hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

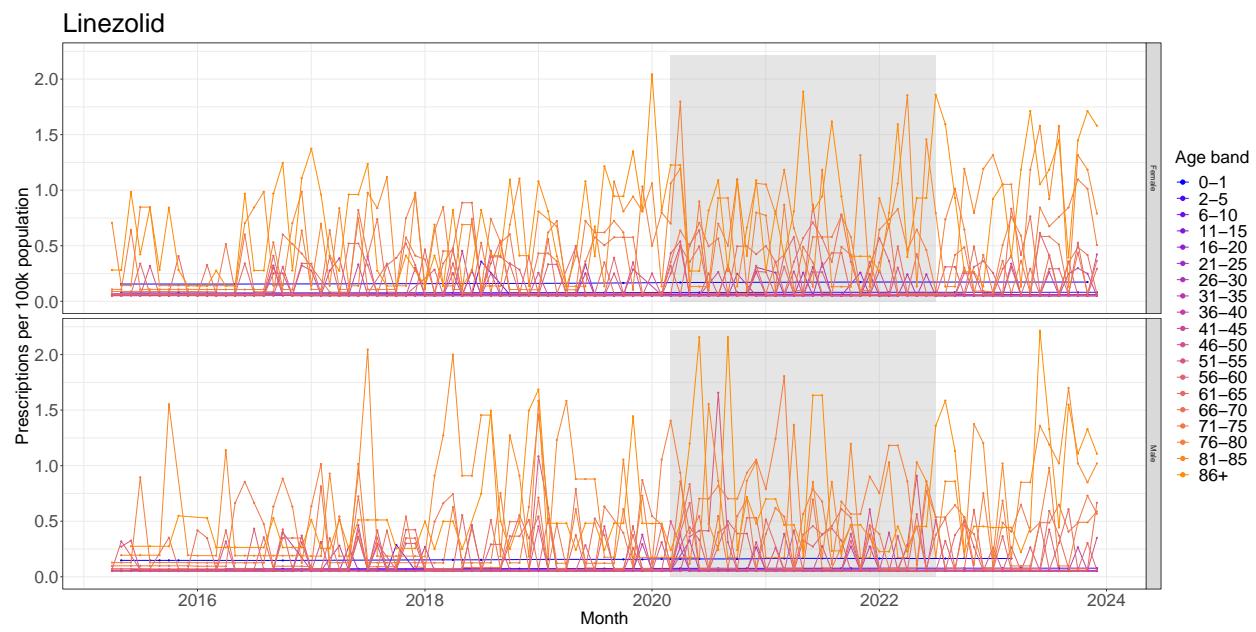


Figure 50: Prescription rate per 100'000 population for Linezolid . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

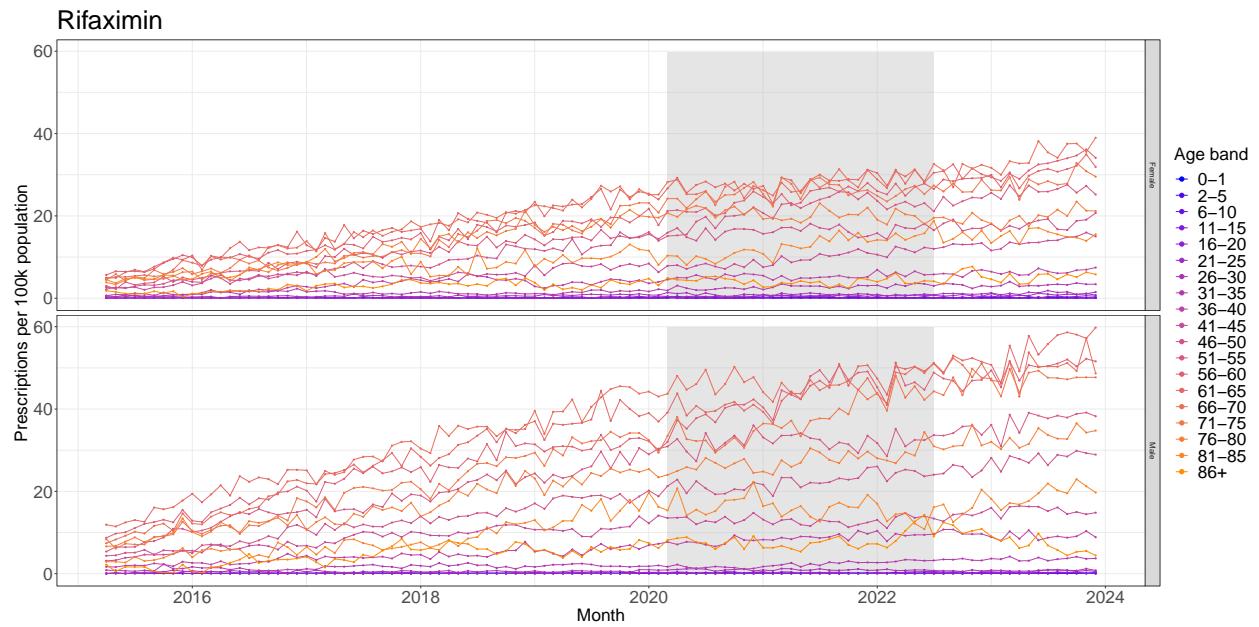


Figure 51: Prescription rate per 100'000 population for Rifaximin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

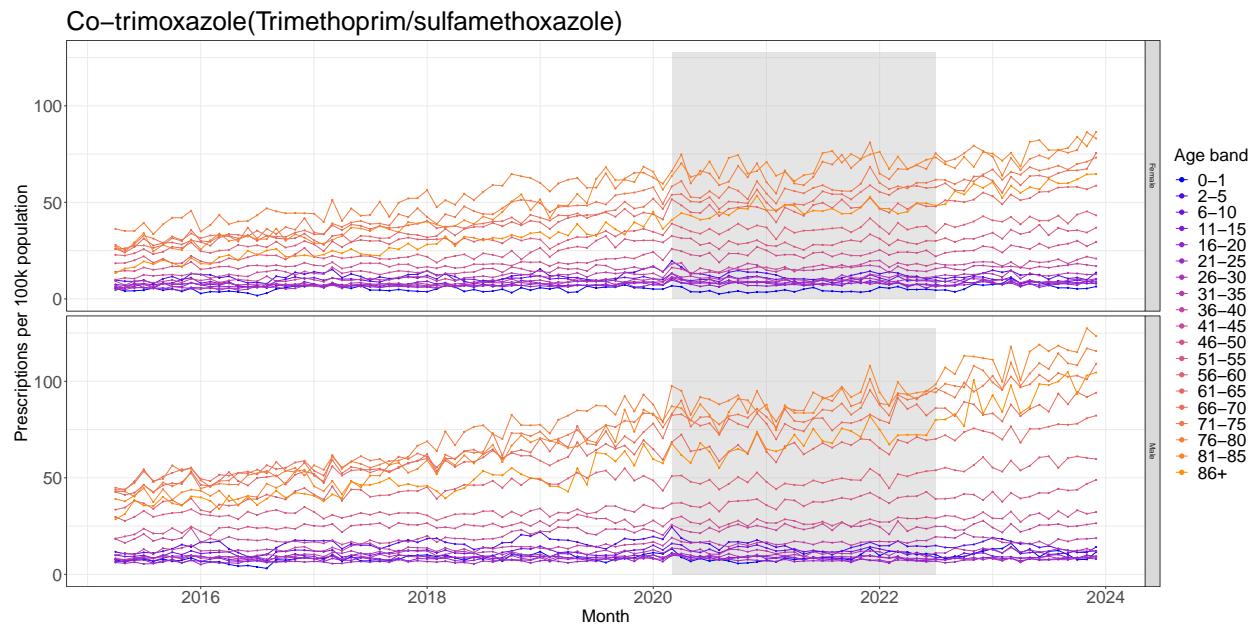


Figure 52: Prescription rate per 100'000 population for Co-trimoxazole(Trimethoprim/sulfamethoxazole) . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

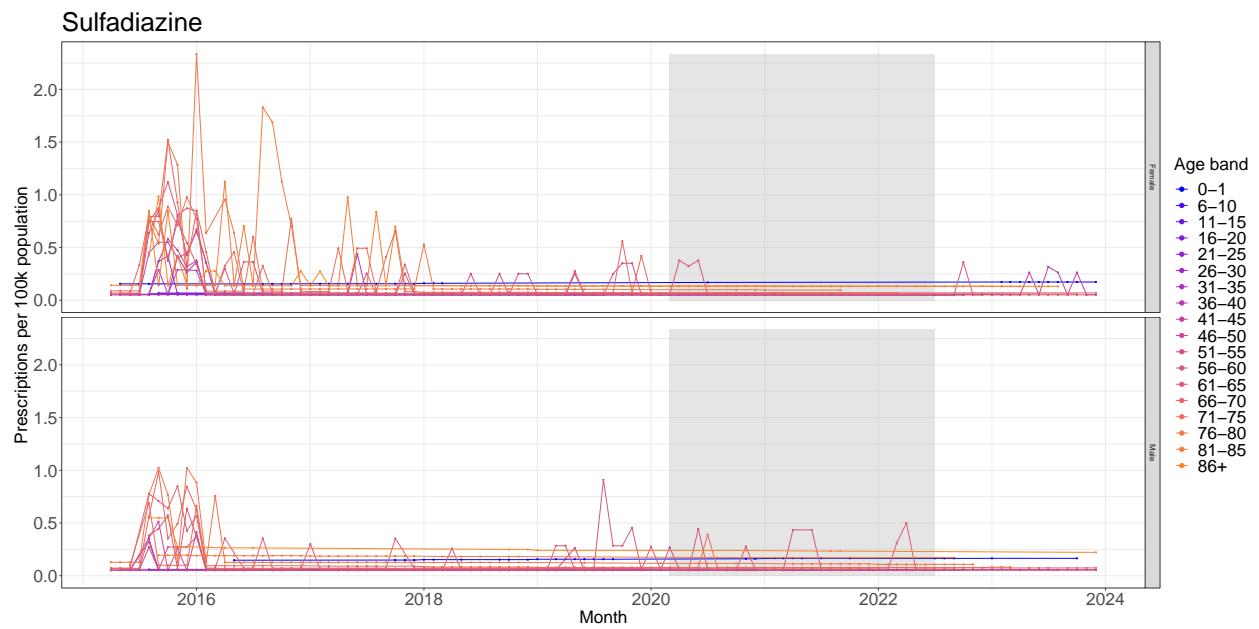


Figure 53: Prescription rate per 100'000 population for Sulfadiazine . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

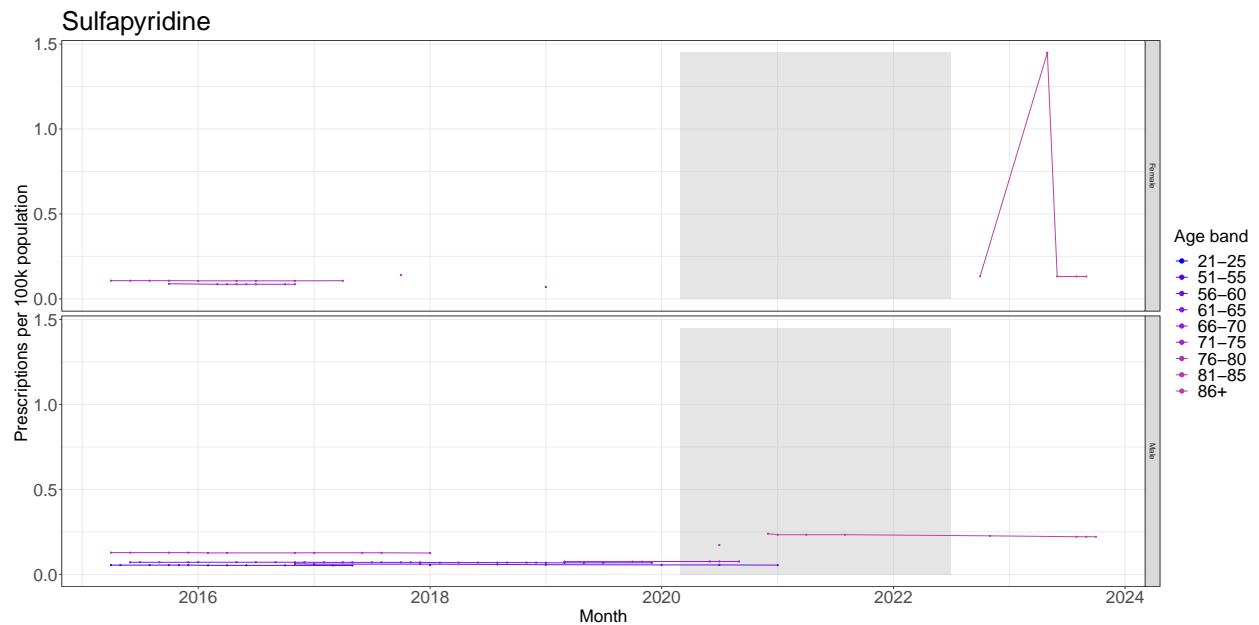


Figure 54: Prescription rate per 100'000 population for Sulfapyridine . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

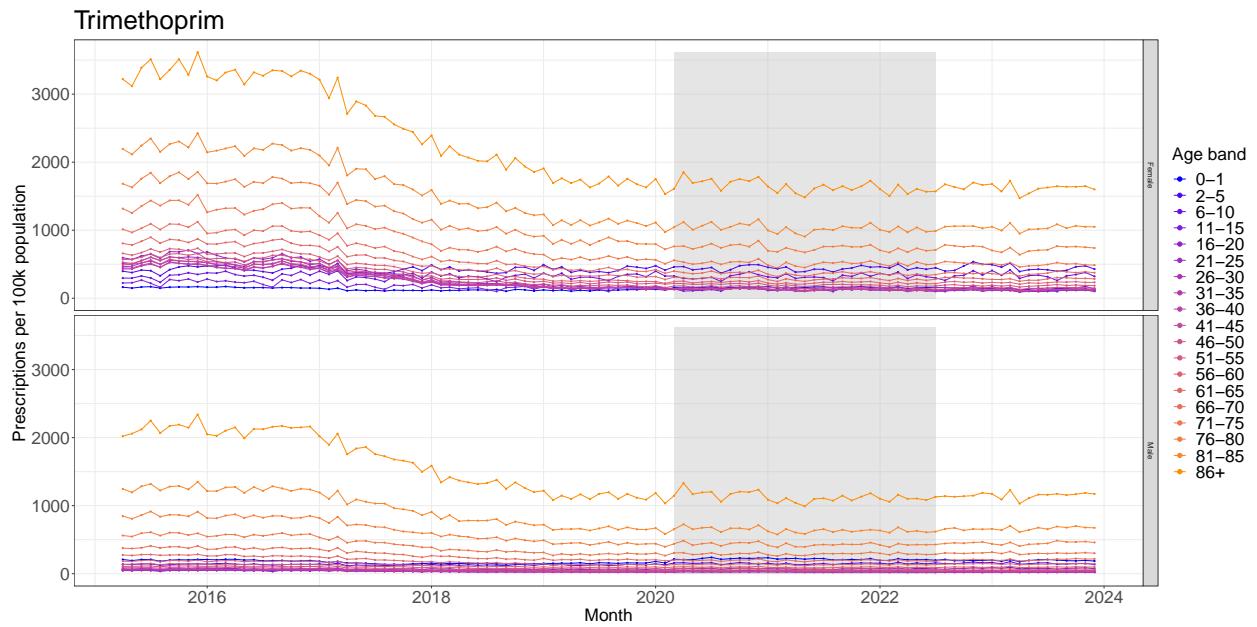


Figure 55: Prescription rate per 100'000 population for Trimethoprim . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

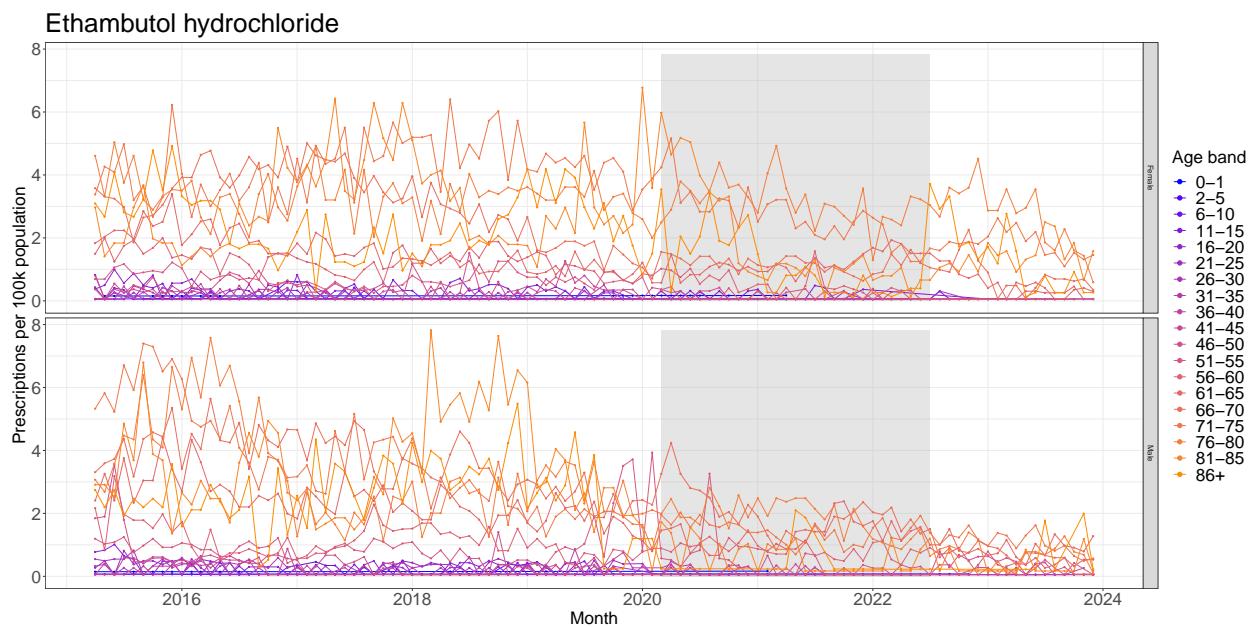


Figure 56: Prescription rate per 100'000 population for Ethambutol hydrochloride . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

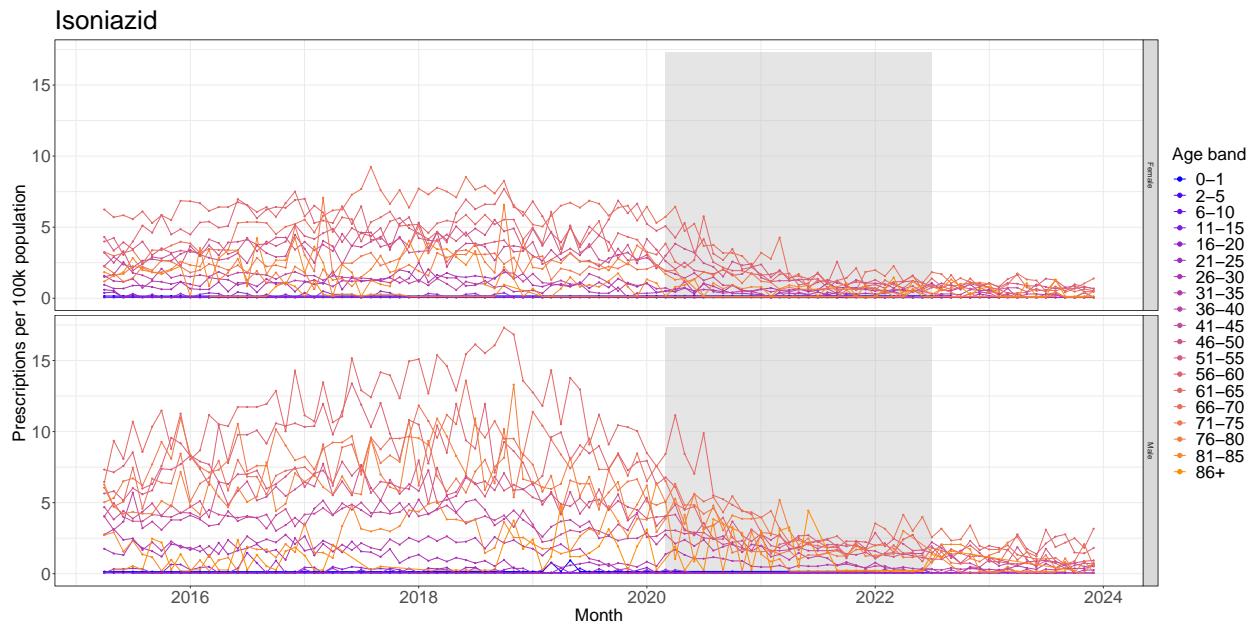


Figure 57: Prescription rate per 100'000 population for Isoniazid . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

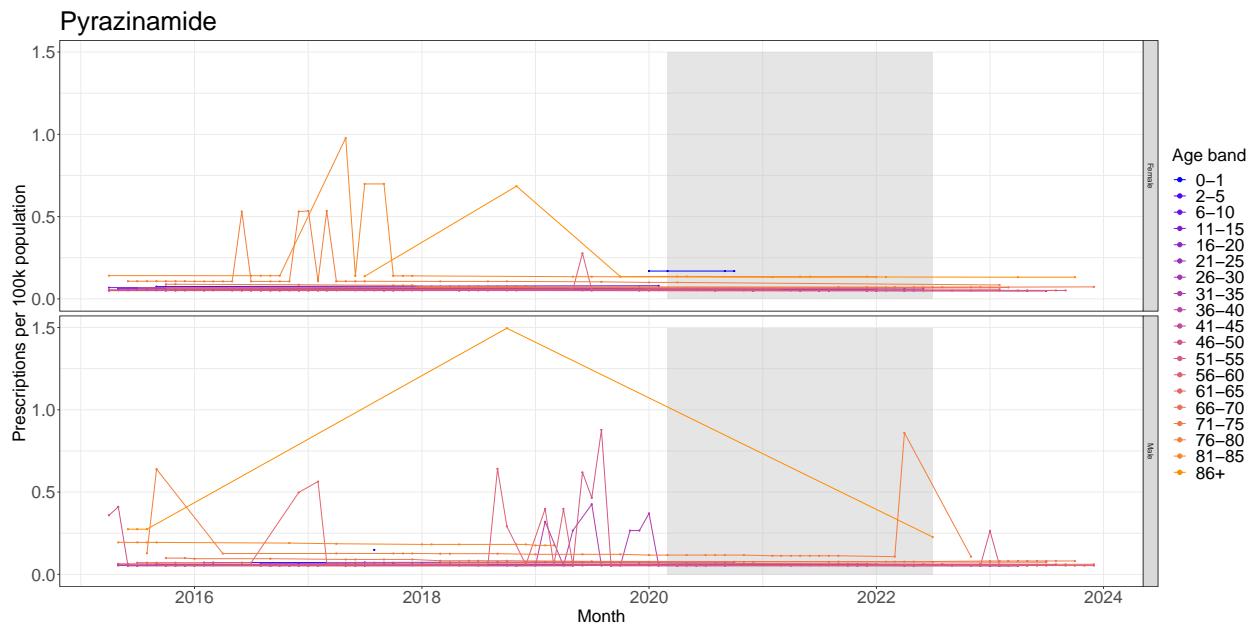


Figure 58: Prescription rate per 100'000 population for Pyrazinamide . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

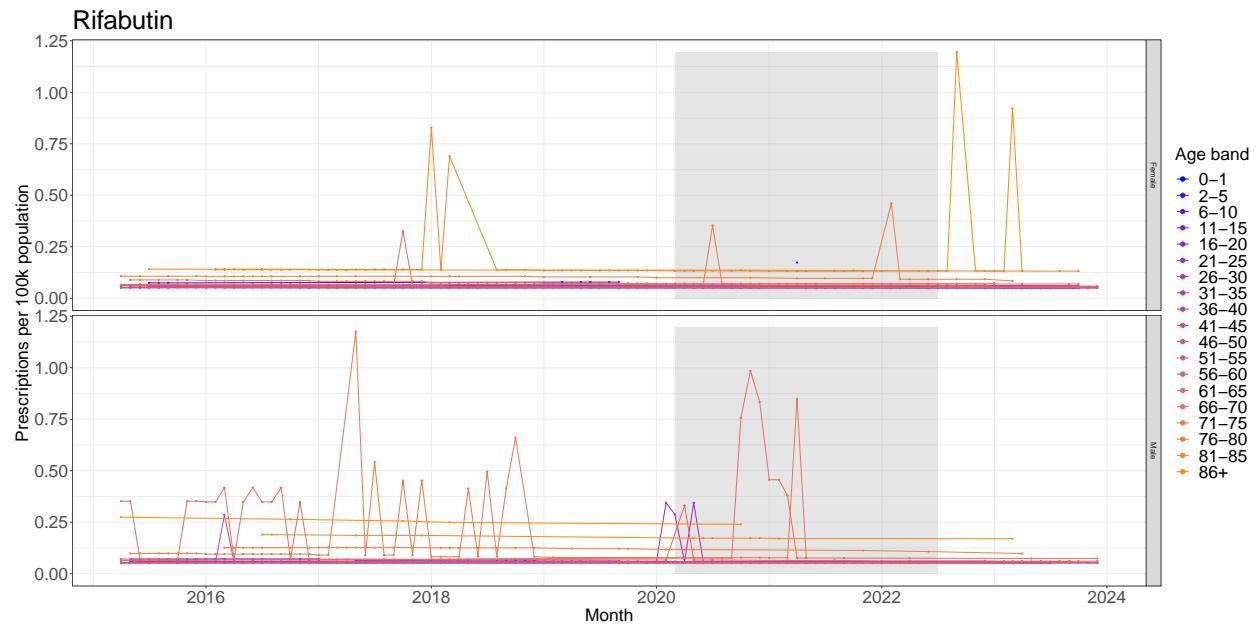


Figure 59: Prescription rate per 100'000 population for Rifabutin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

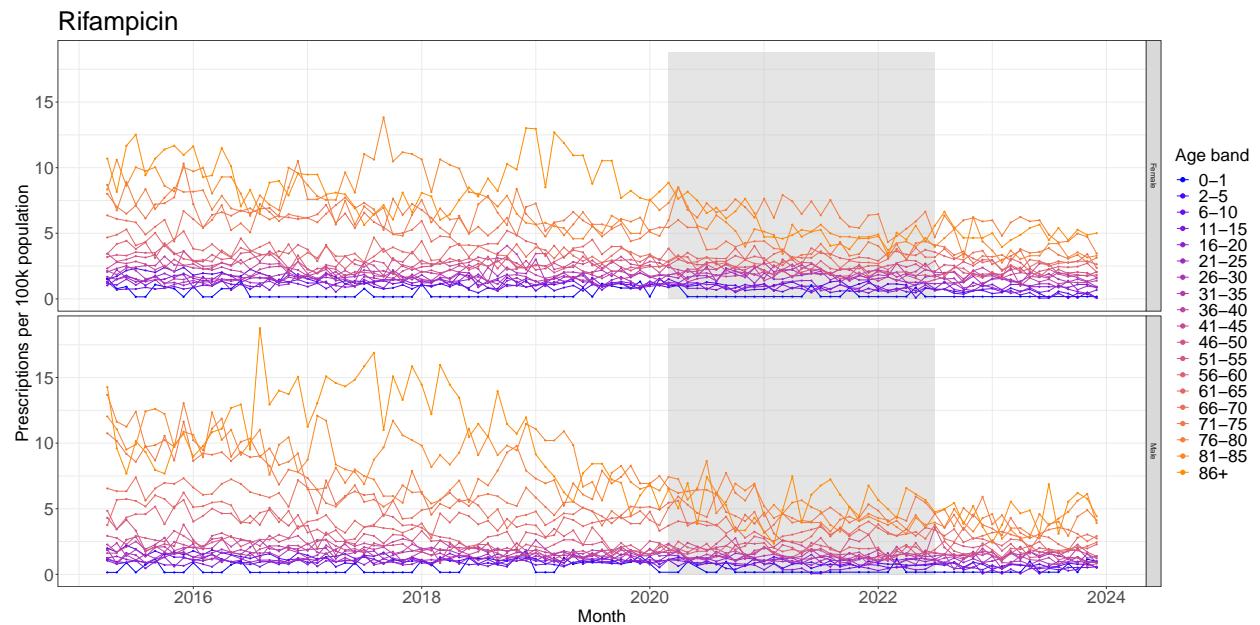


Figure 60: Prescription rate per 100'000 population for Rifampicin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

### Rifampicin combined preparations

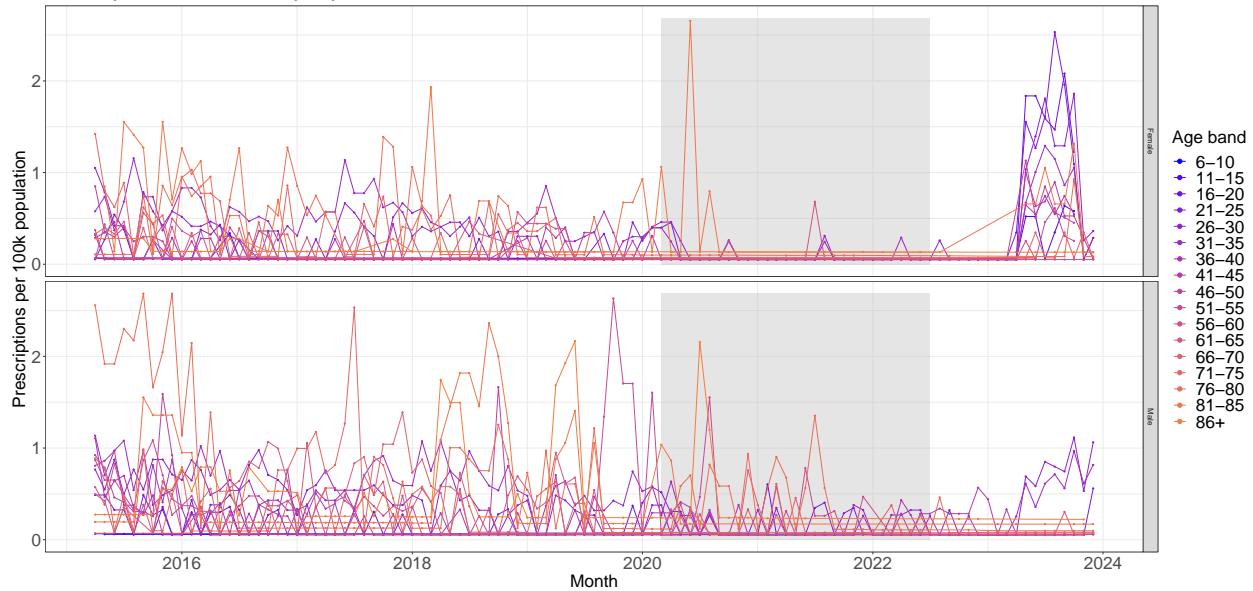


Figure 61: Prescription rate per 100'000 population for Rifampicin combined preparations . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

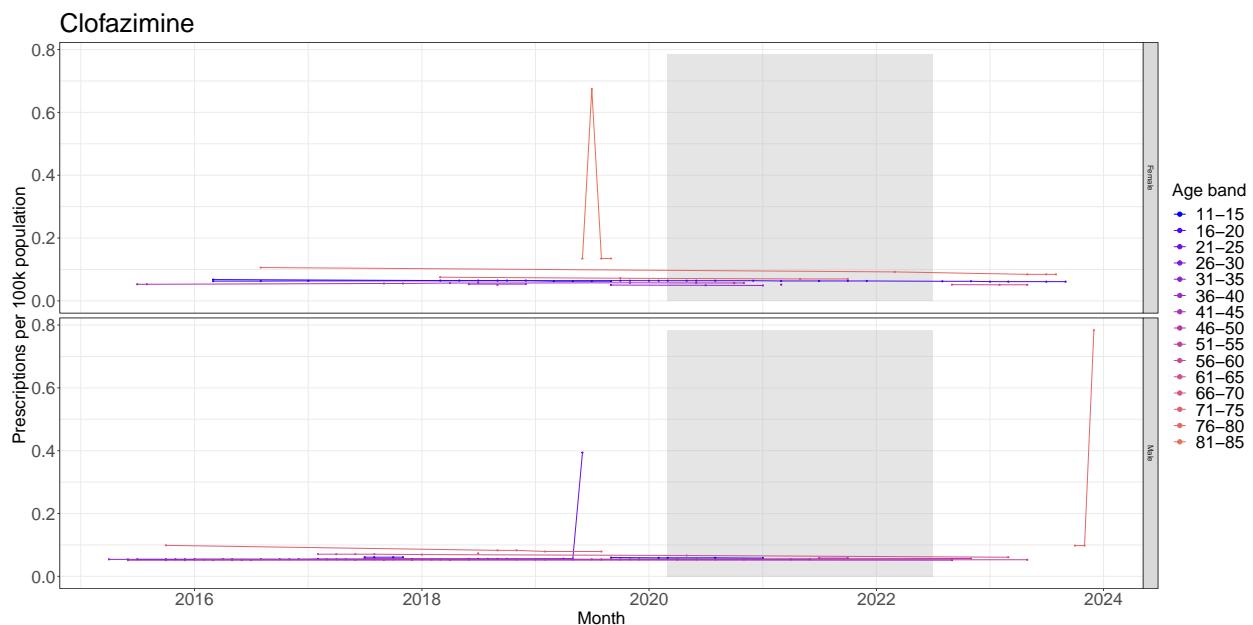


Figure 62: Prescription rate per 100'000 population for Clofazimine . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 63: Prescription rate per 100'000 population for Dapsone . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

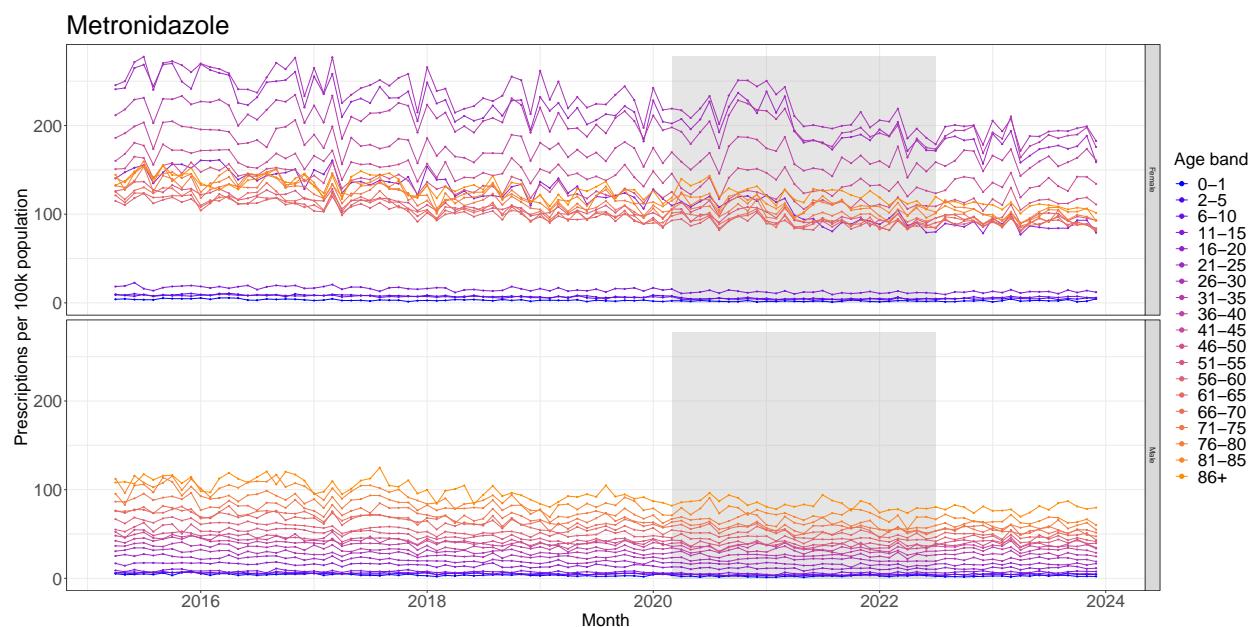


Figure 64: Prescription rate per 100'000 population for Metronidazole . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

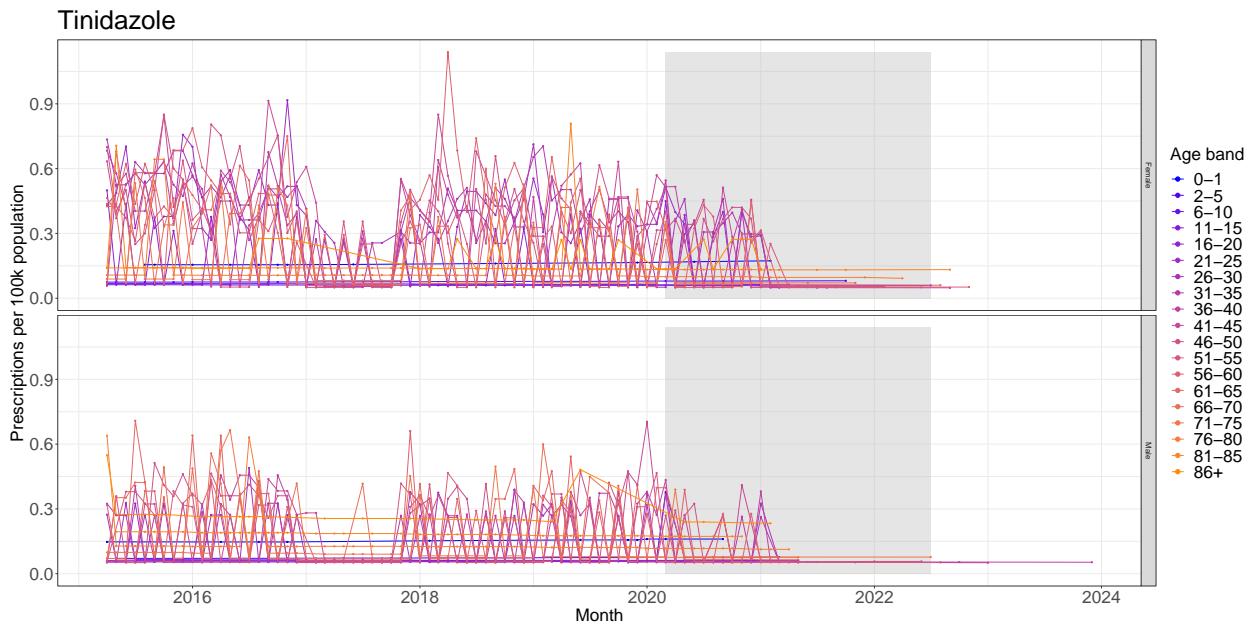


Figure 65: Prescription rate per 100'000 population for Tinidazole . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

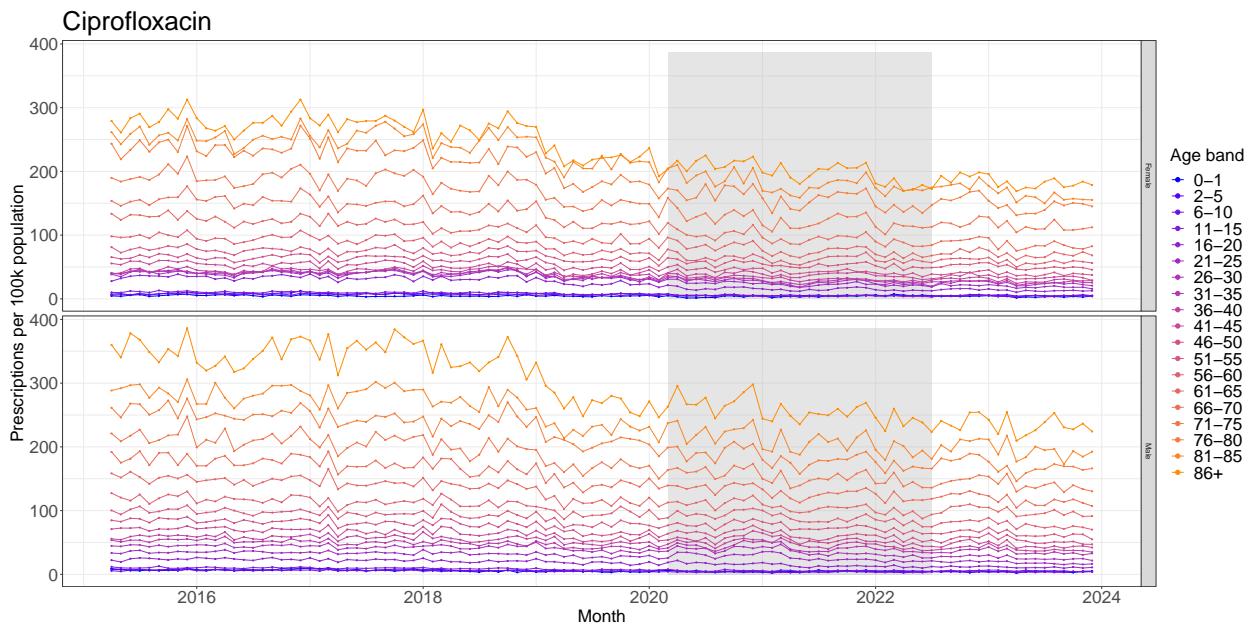


Figure 66: Prescription rate per 100'000 population for Ciprofloxacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

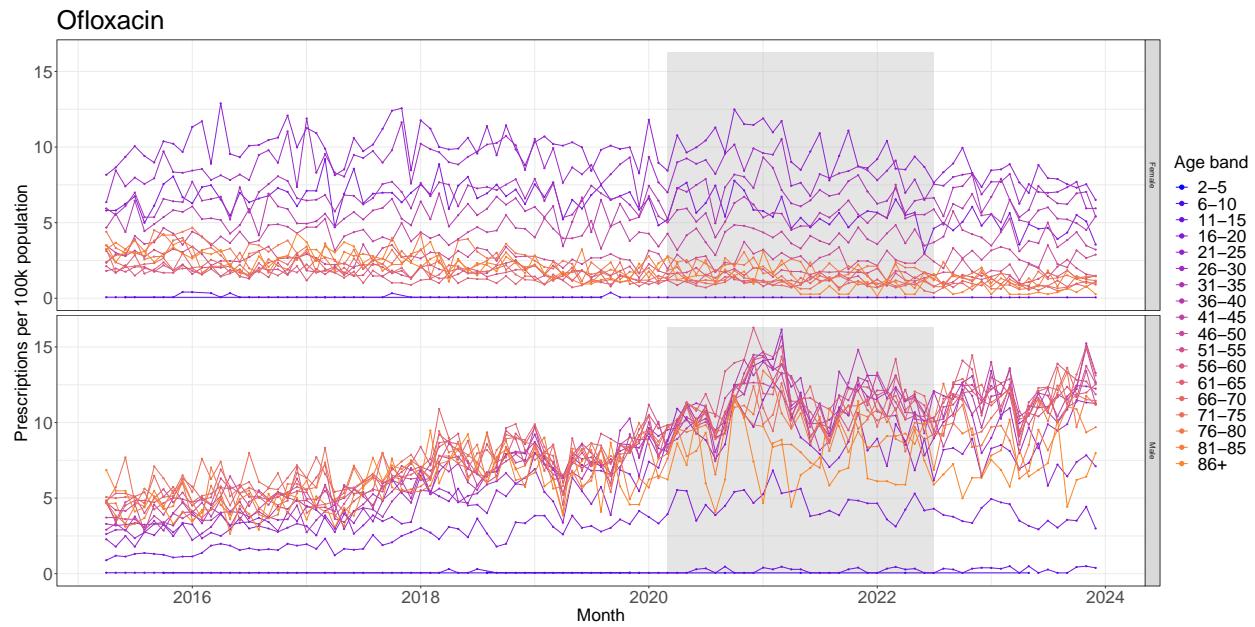


Figure 67: Prescription rate per 100'000 population for Ofloxacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

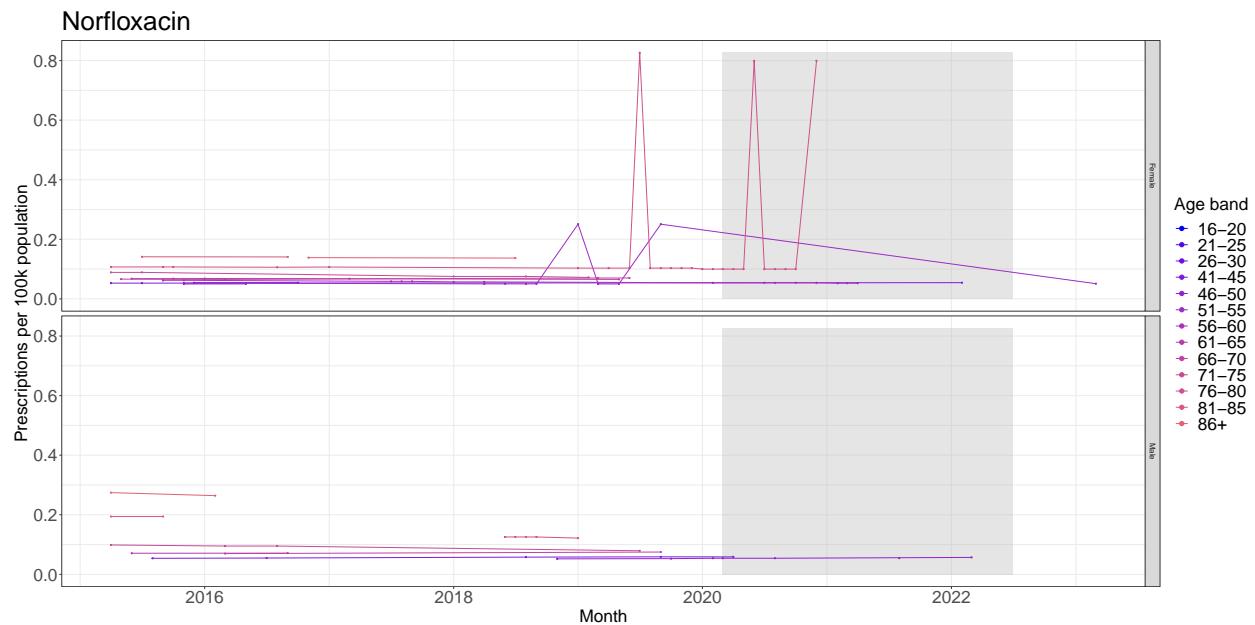


Figure 68: Prescription rate per 100'000 population for Norfloxacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

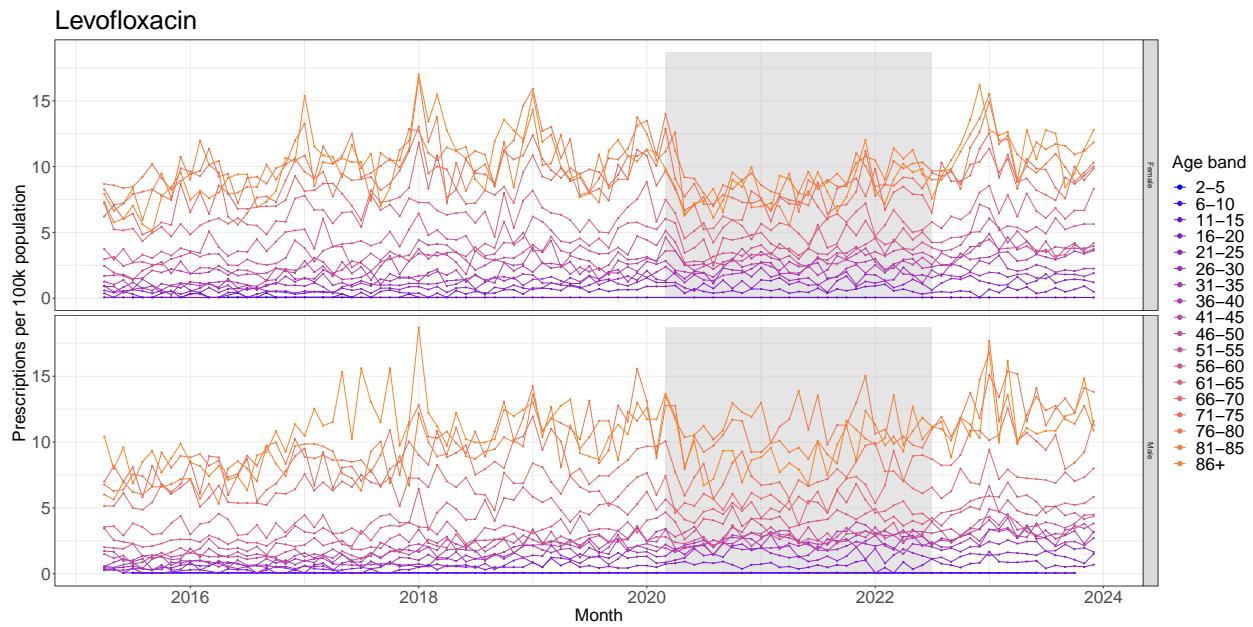


Figure 69: Prescription rate per 100'000 population for Levofloxacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions



Figure 70: Prescription rate per 100'000 population for Moxifloxacin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

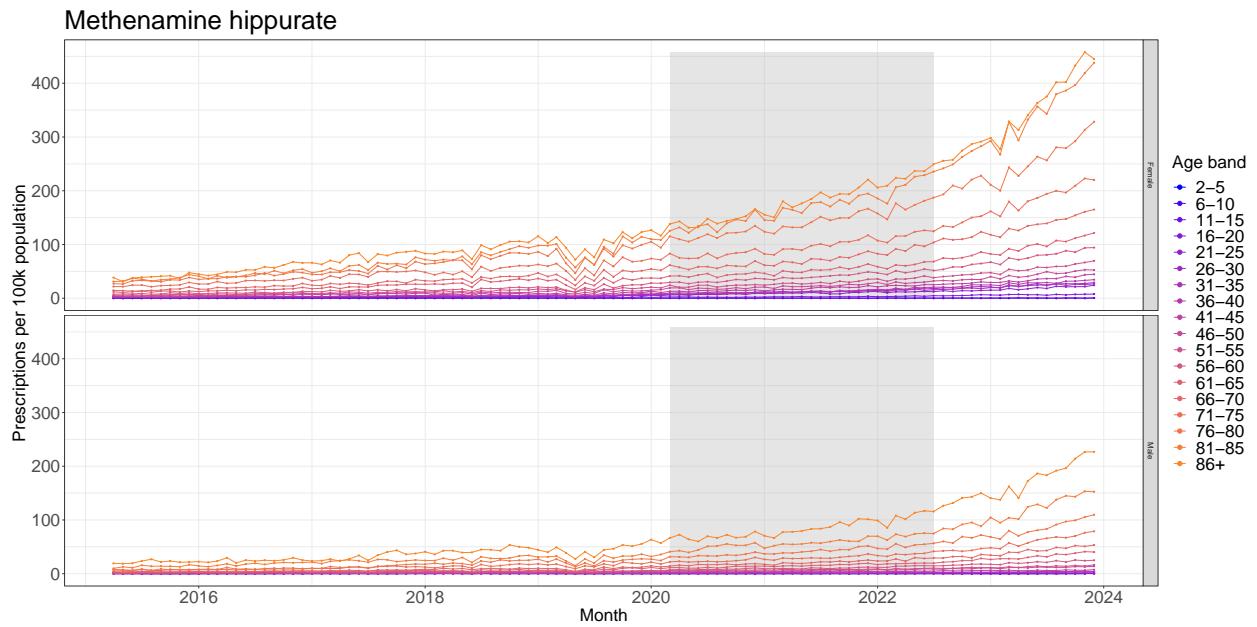


Figure 71: Prescription rate per 100'000 population for Methenamine hippurate . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

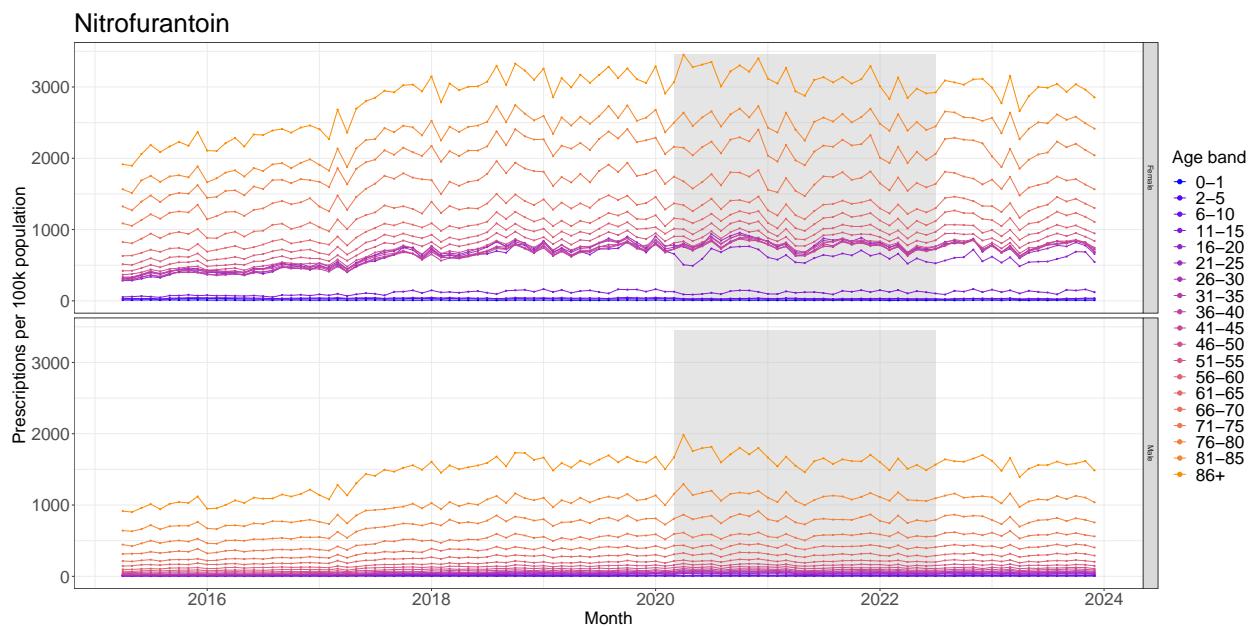


Figure 72: Prescription rate per 100'000 population for Nitrofurantoin . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

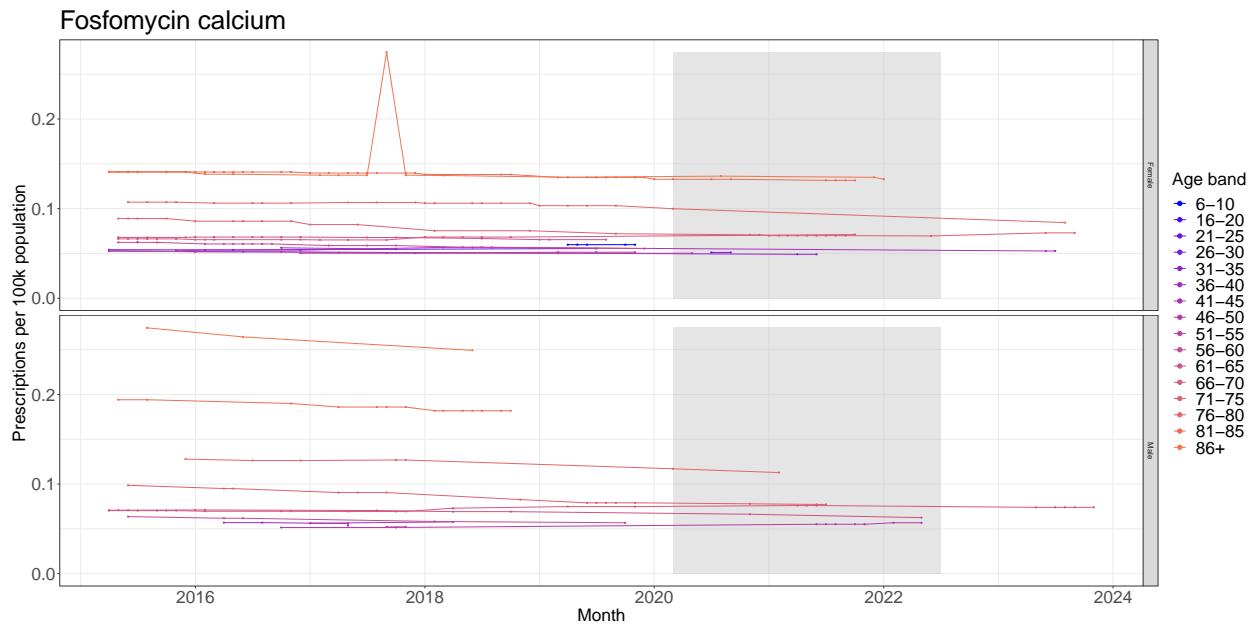


Figure 73: Prescription rate per 100'000 population for Fosfomycin calcium . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions

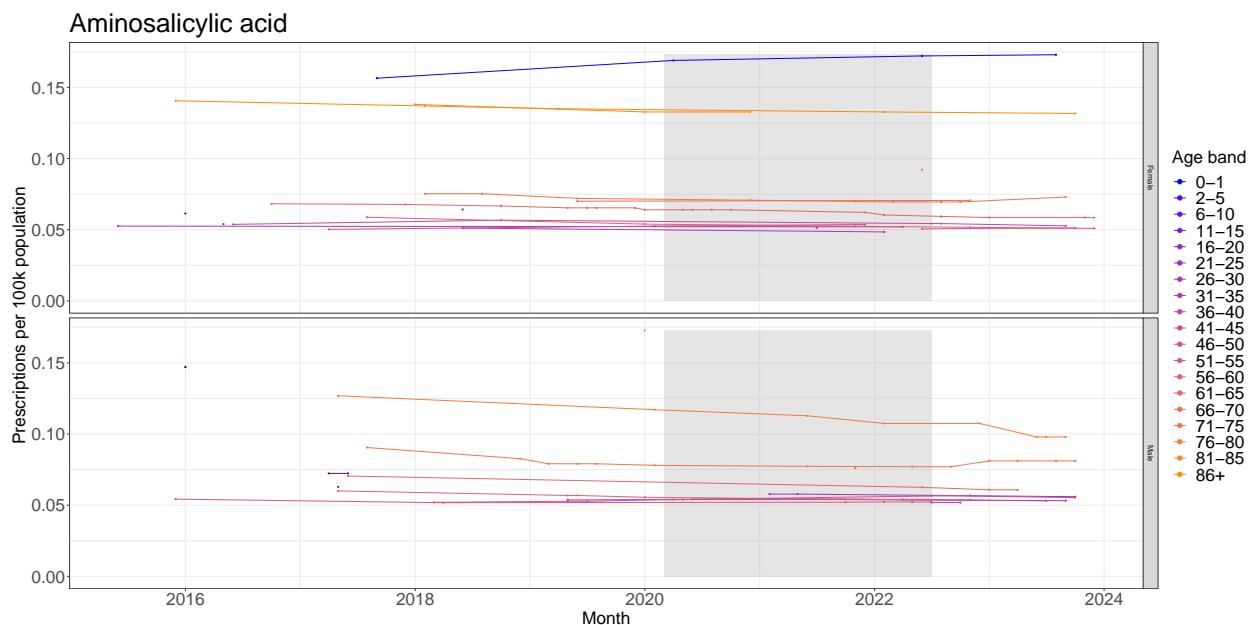


Figure 74: Prescription rate per 100'000 population for Aminosalicylic acid . Colours indicate age groups, facets indicate sex. Grey shading indicates years of Covid-19 interventions