



Analysis of Syphilis Epidemiology in Taipei City

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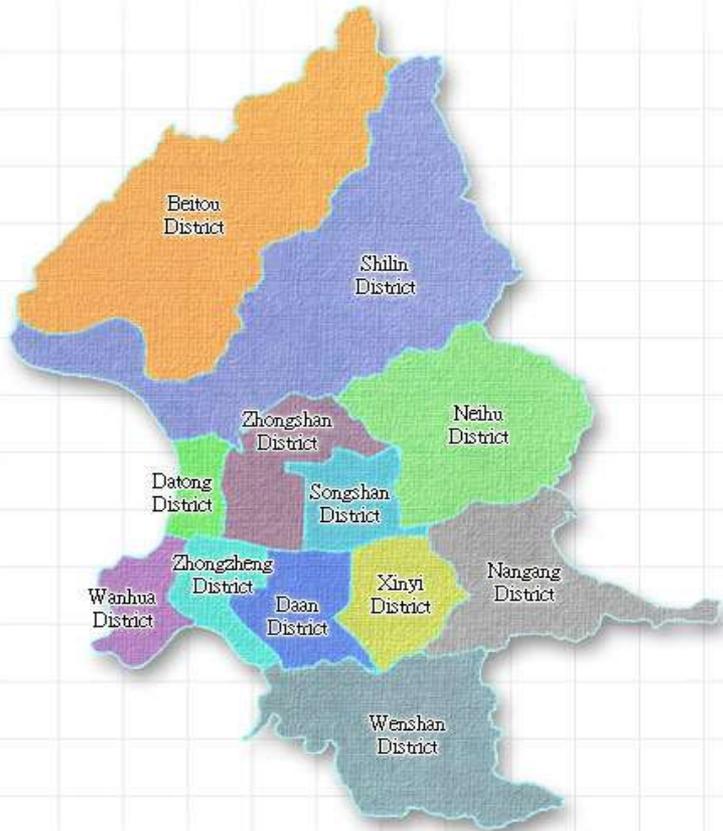
Taipei City Hospital

Kunming Prevention & Control Center





Introduction of Taipei



◆ Population

2,696,319 (Oct. 2016)

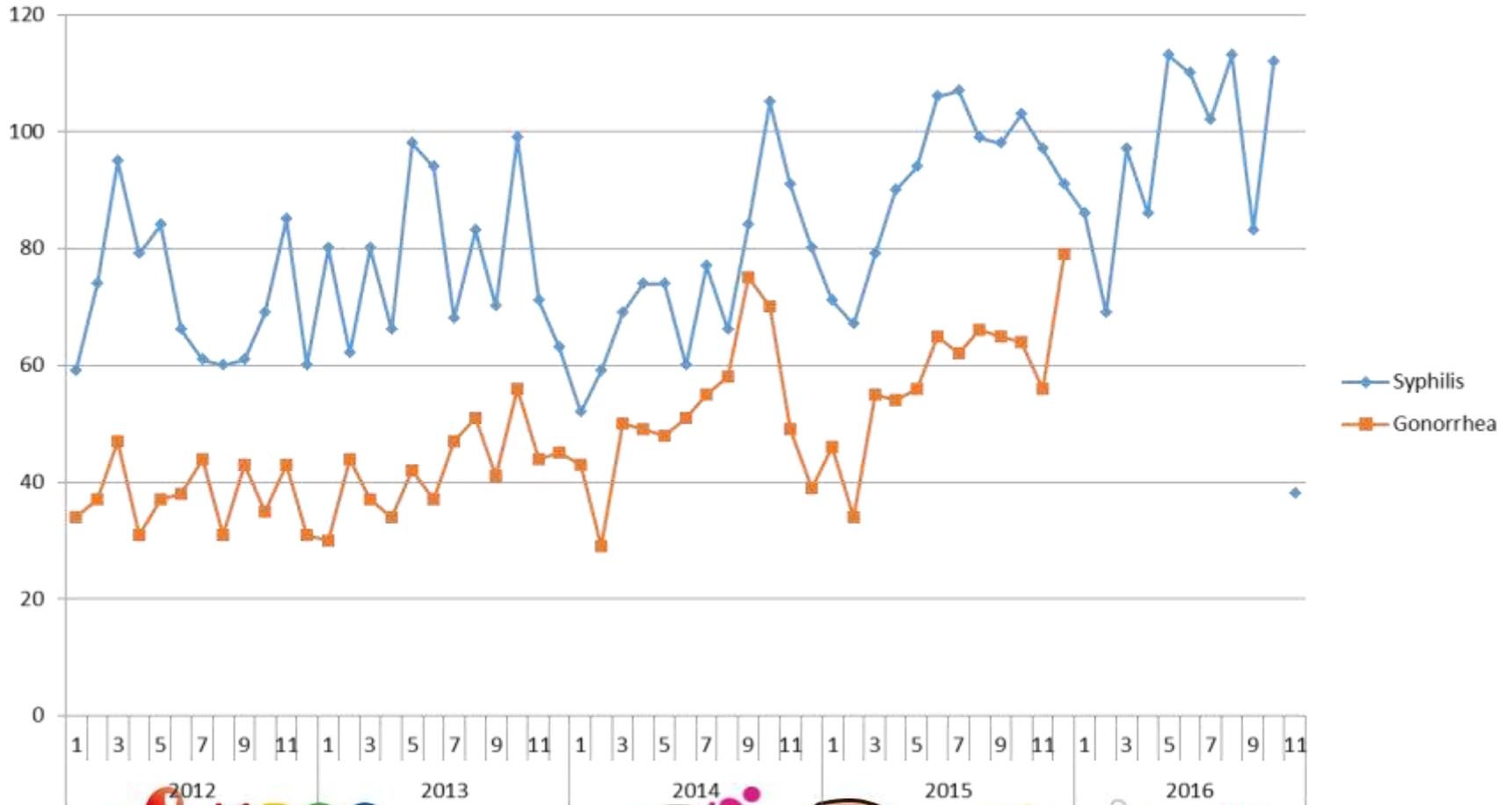
◆ Overview

- 271.7 km² (0.76% of Taiwan)
- 12 administrative districts



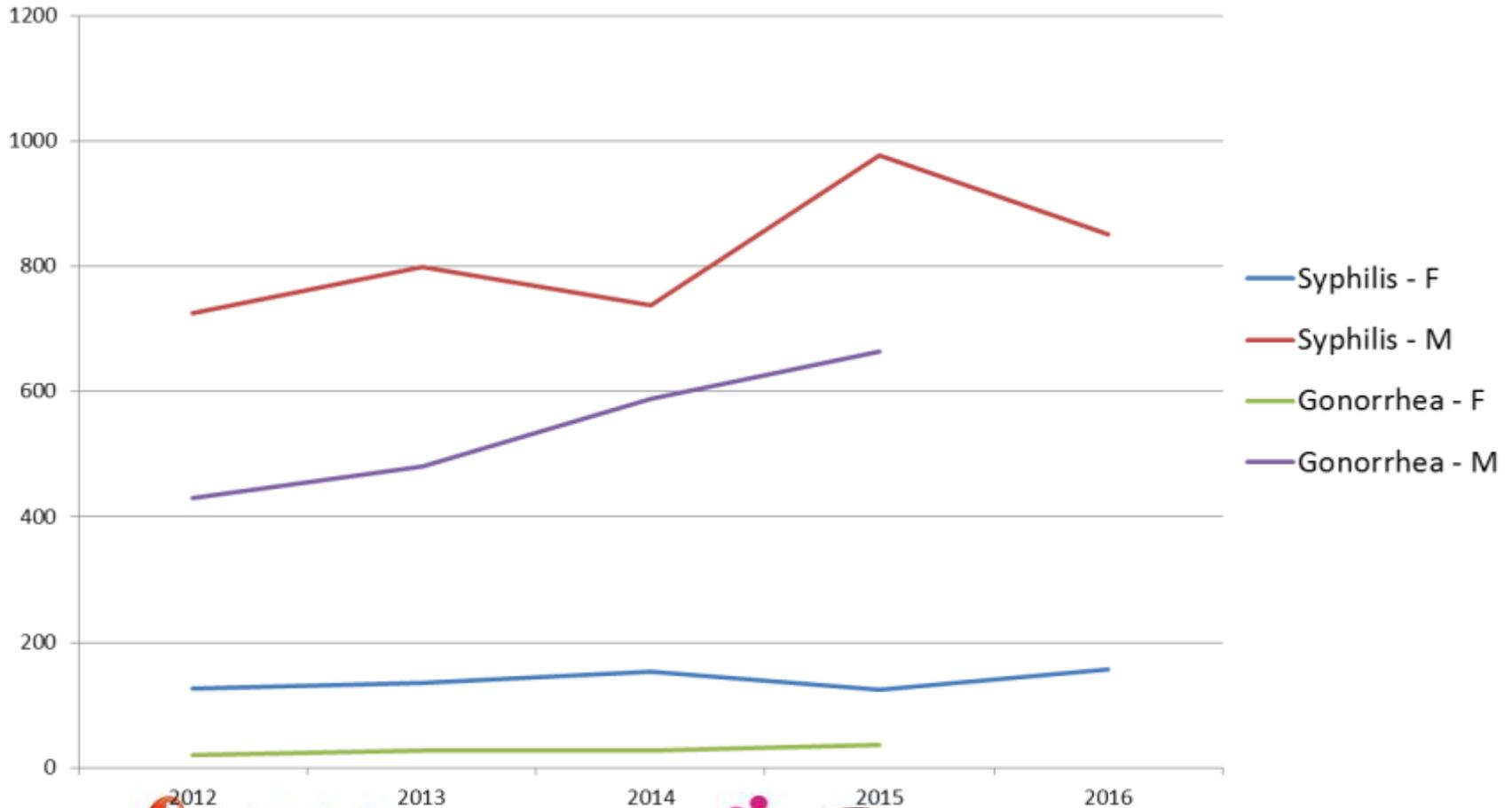


Syphilis & Gonorrhea New Cases in Taipei City



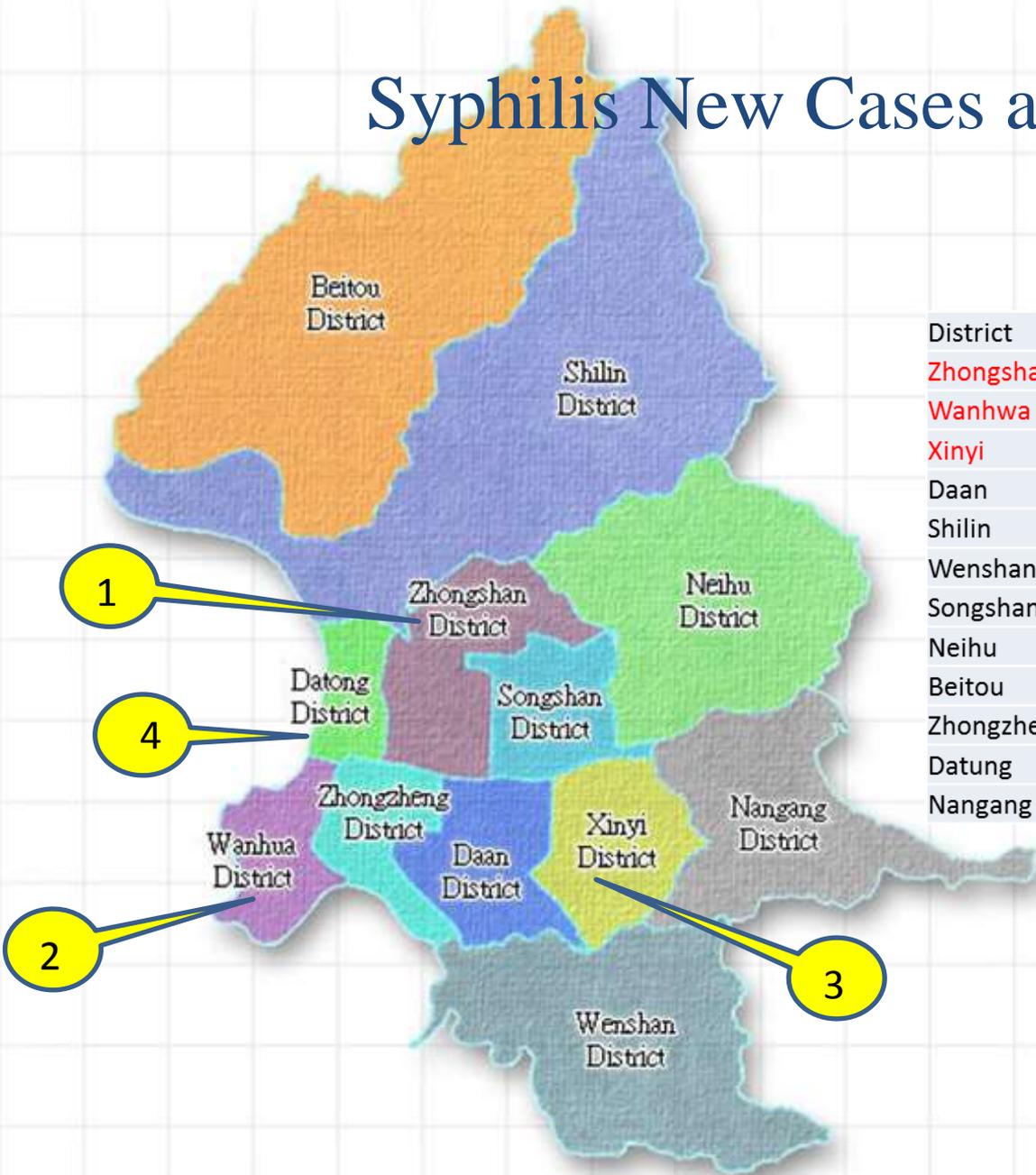


Syphilis & Gonorrhea New Cases in Taipei by Gender



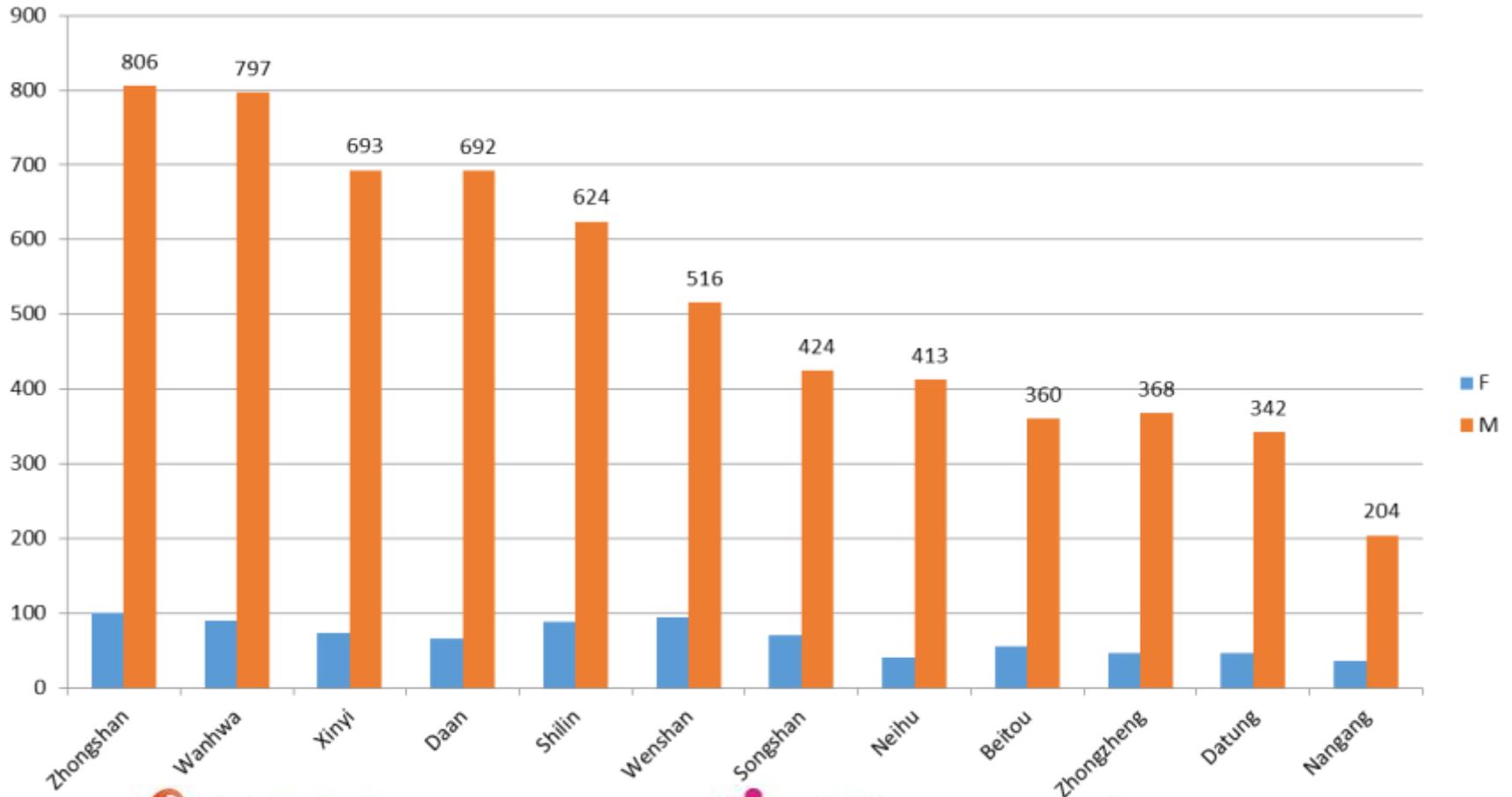
Syphilis New Cases and Prevalence rate in 12 Districts

| District | F | M | T | F% | M% |
|------------|-----|-----|-----|--------|--------|
| Zhongshan | 101 | 806 | 907 | 0.082% | 0.747% |
| Wanhua | 90 | 797 | 887 | 0.092% | 0.835% |
| Xinyi | 73 | 693 | 766 | 0.061% | 0.635% |
| Daan | 66 | 692 | 758 | 0.040% | 0.475% |
| Shilin | 89 | 624 | 713 | 0.059% | 0.445% |
| Wenshan | 94 | 516 | 610 | 0.066% | 0.390% |
| Songshan | 70 | 424 | 494 | 0.063% | 0.432% |
| Neihu | 40 | 413 | 453 | 0.027% | 0.300% |
| Beitou | 55 | 360 | 415 | 0.041% | 0.290% |
| Zhongzheng | 47 | 368 | 415 | 0.056% | 0.479% |
| Datung | 46 | 342 | 388 | 0.069% | 0.538% |
| Nangang | 36 | 204 | 240 | 0.057% | 0.341% |



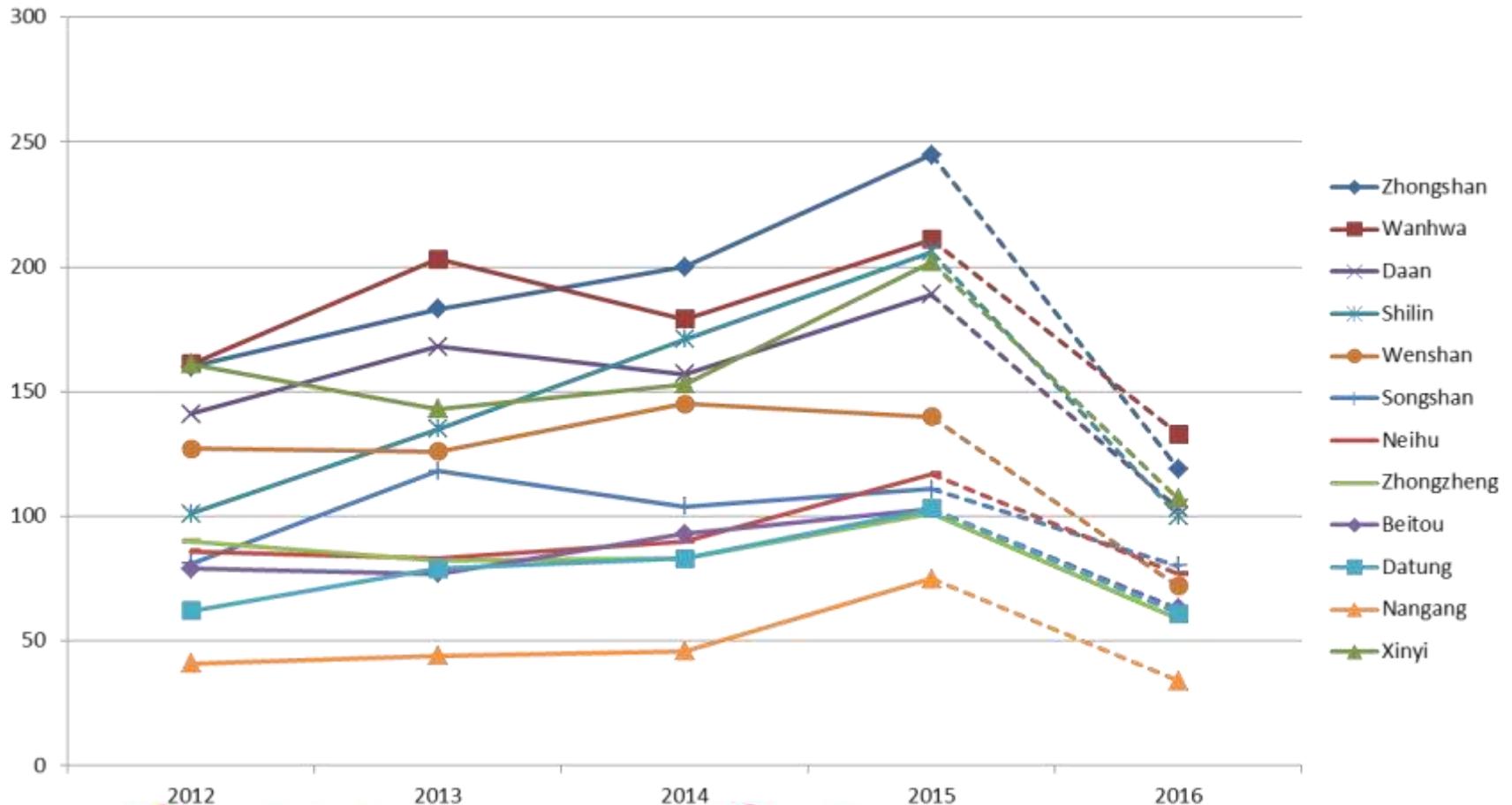


New Cases in 12 Districts by Gender





The Changes of Yearly New Cases in 12 Districts





Prevention Strategies for Syphilis in Taipei

- Primary Prevention
 - Education and training
 - Condoms
- Secondary Prevention
 - MSM
 - CSW
- Tertiary prevention
 - STDs friendly PE for out patients services.
 - HIV screening test for newly diagnosed STD case





Education and Training

- Health education in general public
 - Chun-Huei Project: Cooperation with Bureau of Education
 - Website teaching
 - Universal HIV/Syphilis testing program
 - Hotline for STD counseling
- Hotline for needle stick event management (for policemen and firefighters)
- Professional training program
 - Doctors 、 Nurses 、 Pharmacists...
- Development of teaching materials and aids





High Risk Behaviors Prevention in Particular Groups

- MSM
 - Gay health center
 - Seeded teachers and peer educators training
 - Screening and education in gay venues
 - Condom promotion
- Sex workers
 - Peer education and screening
 - Case management
 - Education and blood testing in special business





Friendly Strategies

Condom



- **“Gay Together” health center**
 - 2012: Facebook fan group with many activities
 - 2013: real center
- **Service :**
 - Various activities
 - Rapid testing & counseling
 - Doctor professional advisory

1. free for gay sauna
2. vending machine (2 condoms + 2KY/10NT)





Gay Together





Peer Educators Training

- Harm reduction discussion





Efforts for the Internet

- Gay website link
- Online Q&A
- Discussion about safer sex 、 club drug ...
- Screening information





Screening and Education in Gay Venues





Prevention Advocacy for Sex Workers

- **When seized by the police, unlicensed prostitutes, clients and drug addicts should be offered with STD screening and individual health education.**
- **Peer volunteers are trained to execute outreaching work.**





High Risk Behaviors Prevention in Special Group

- Special groups education plan-- cooperation with police.





STDs Friendly PE

- Invite PEs from different divisions like Dermatologist, Family physician, Urologist, Obstetrics and gynecology to participate in.
- Launch related speeches or programs through different medical associations.
- Provide screening test and counseling services for people who have suspicious malady.





HIV Screening Test for Newly STD Cases

- CDC provides Medicaid for those people who are qualified.
- Included this requirement in the annual supervision and evaluation for the hospitals located in Taipei





Conclusion

- For the past 5 years, the new syphilis cases has been increasing every year.
- Male cases are way higher then female cases, the main reason for this situation is due to the growing number of risk behavior taker in MSM subgroup.
- Related to the local culture of the residency.
- Similar to HIV prevention , we provide easier to reach prevention and disease control programs.





THANKS FOR YOUR ATTENTION

