



กรมการแพทย์  
DEPARTMENT OF MEDICAL SERVICES

นพ.คลสุข พงษ์นิกร  
รองผู้อำนวยการด้านพัฒนาระบบสุขภาพ  
โรงพยาบาลมะเร็งลำปาง

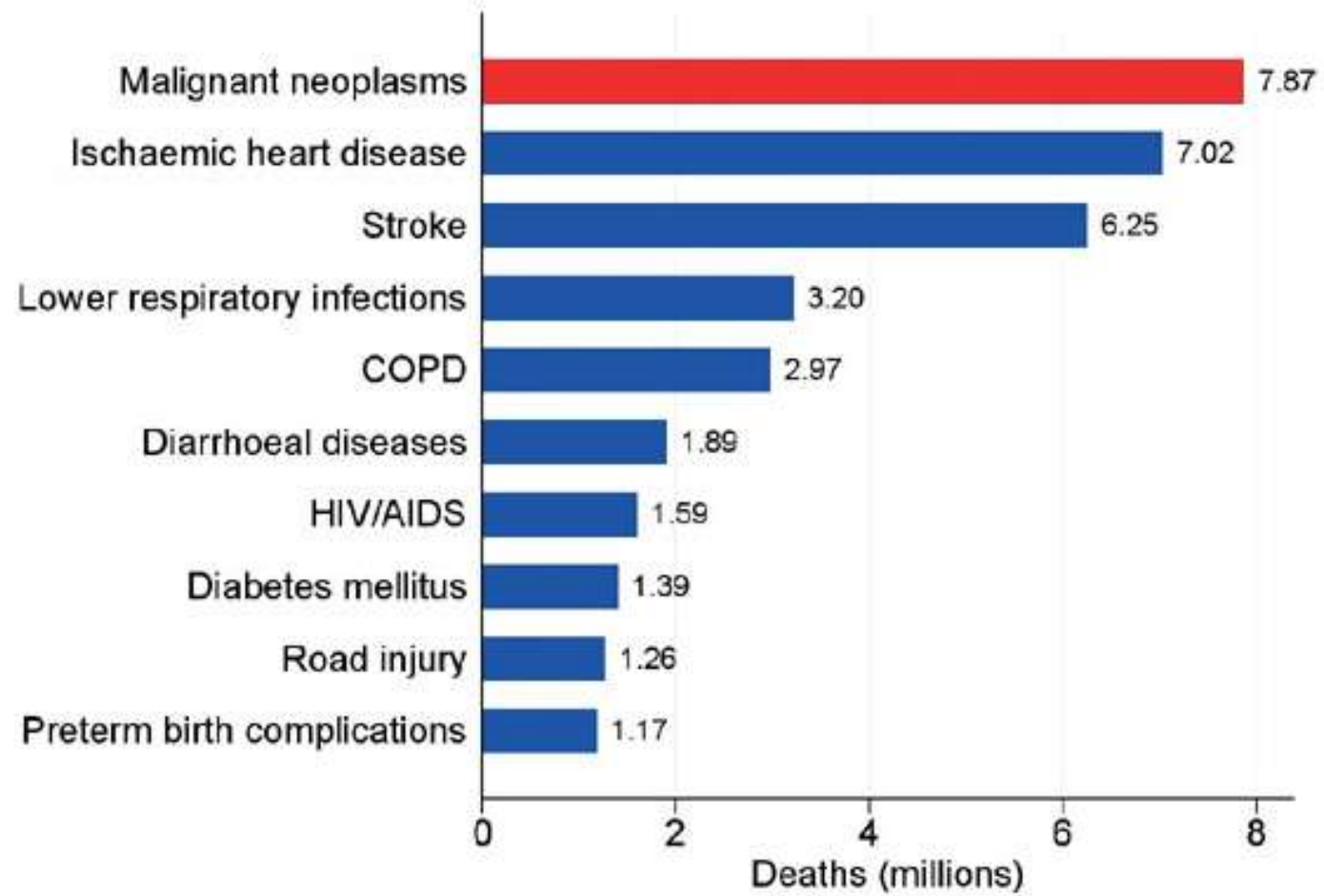
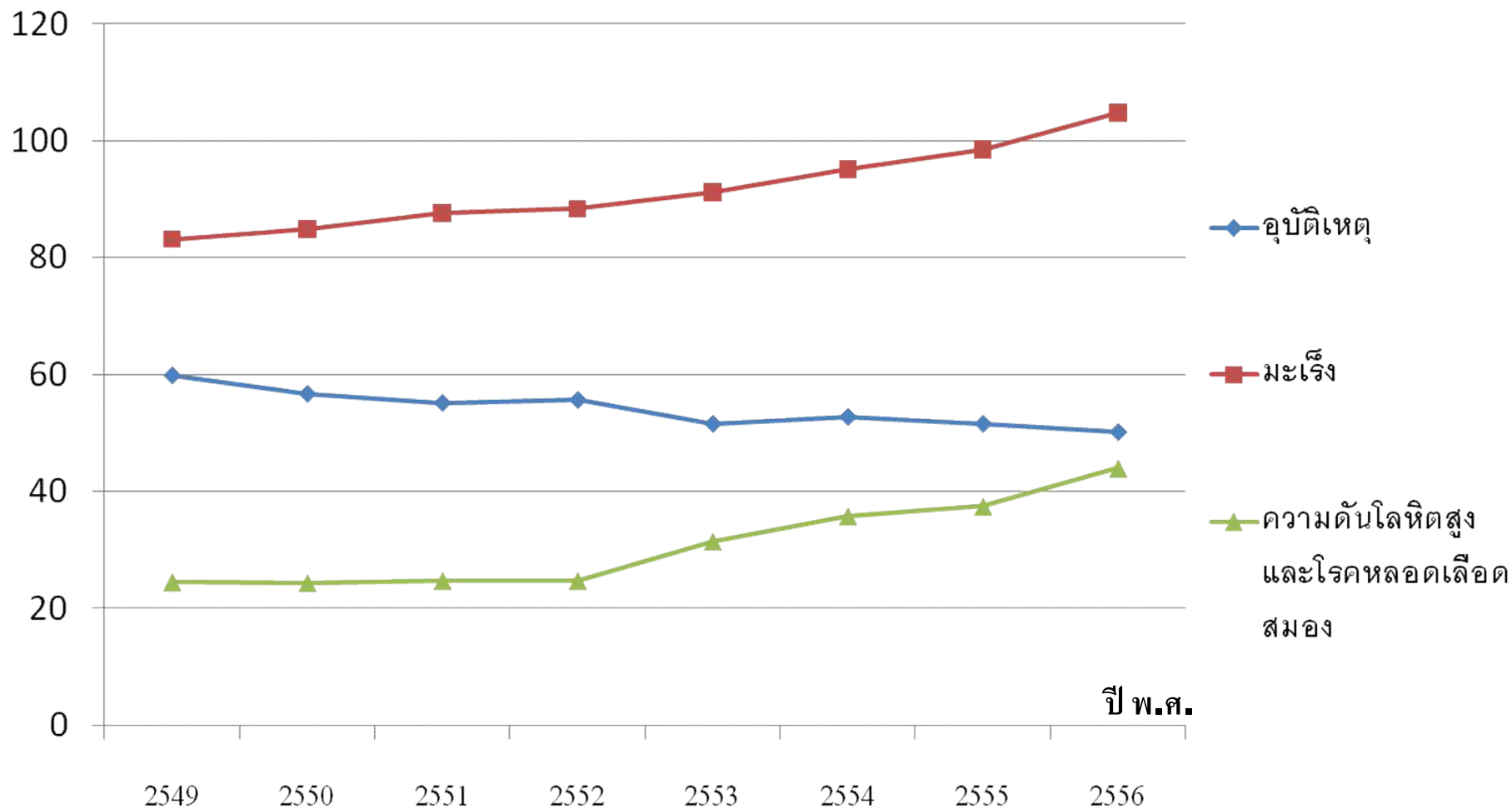


Fig. 1.2.2. The 10 leading causes of death worldwide in 2011. COPD, chronic obstructive pulmonary disease.



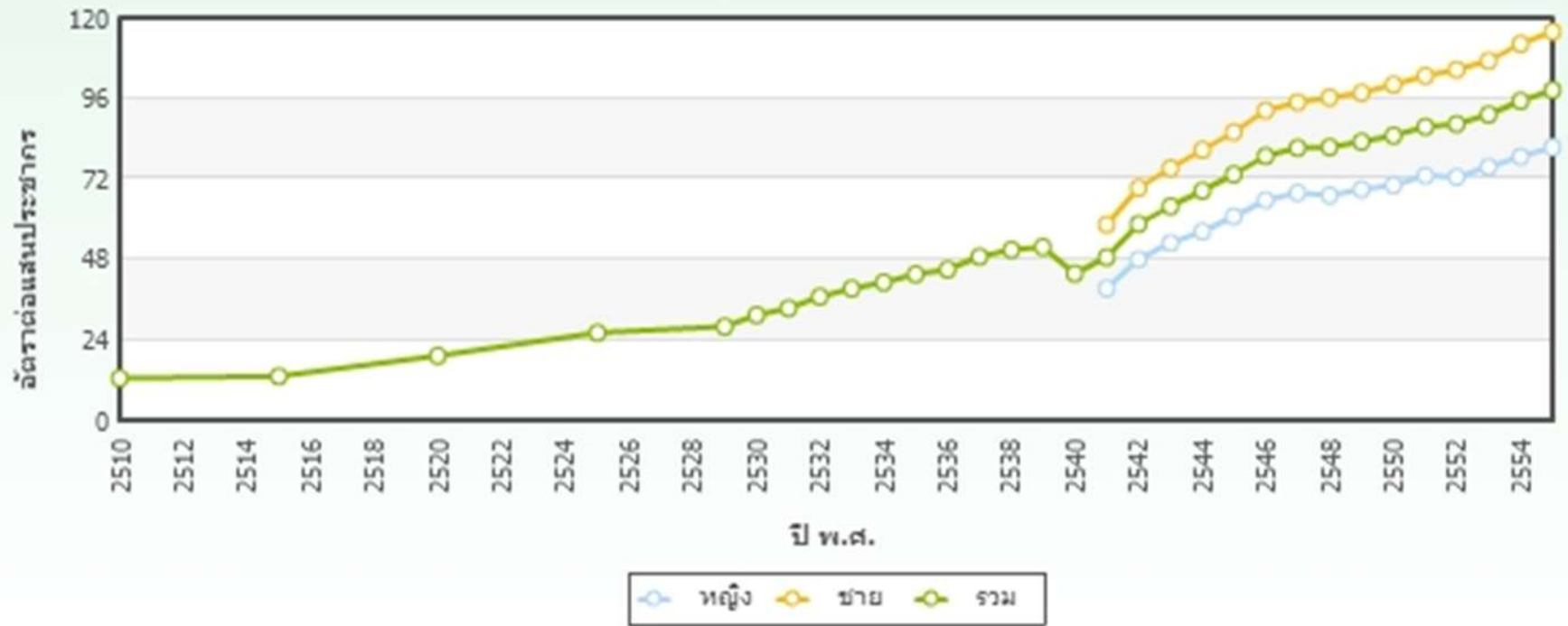
# กราฟเส้นแสดงสาเหตุการตายทั่วราชอาณาจักร 3 อันดับแรก พ.ศ. 2549 - 2556

อัตราต่อ(แสน)ประชากร

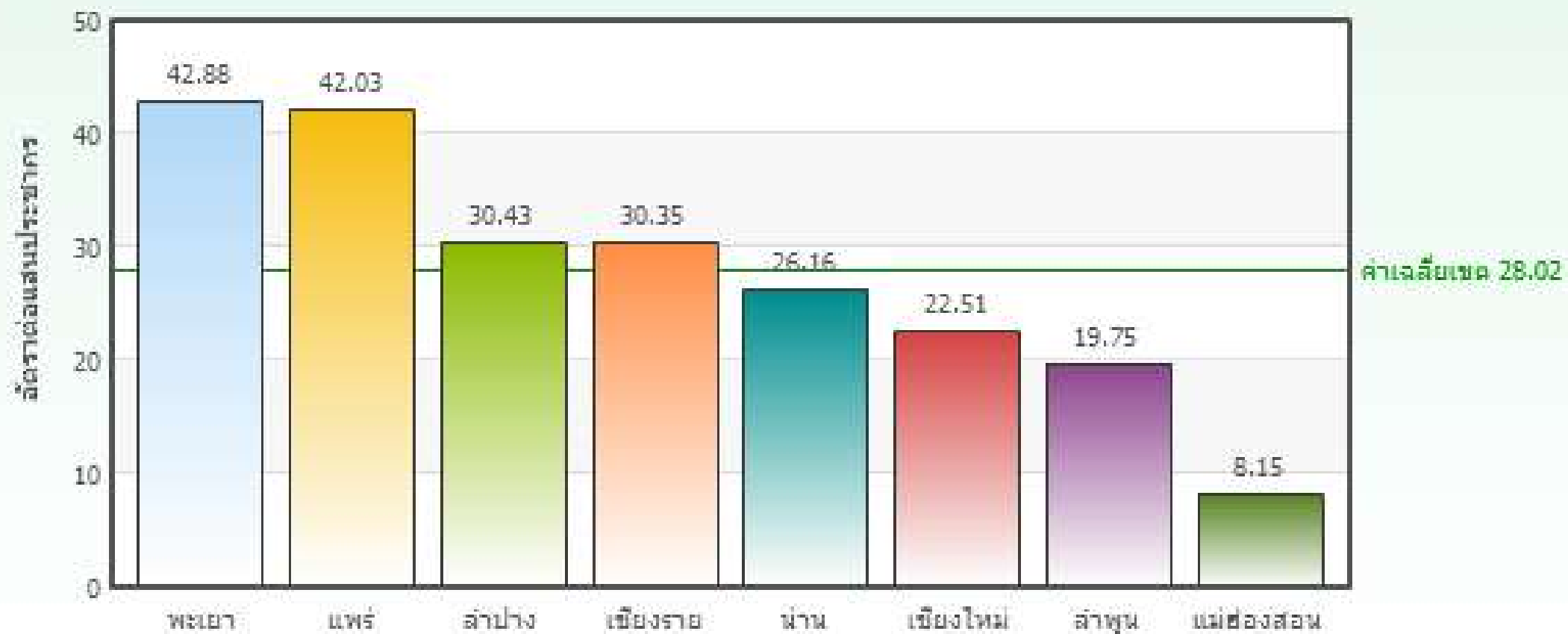




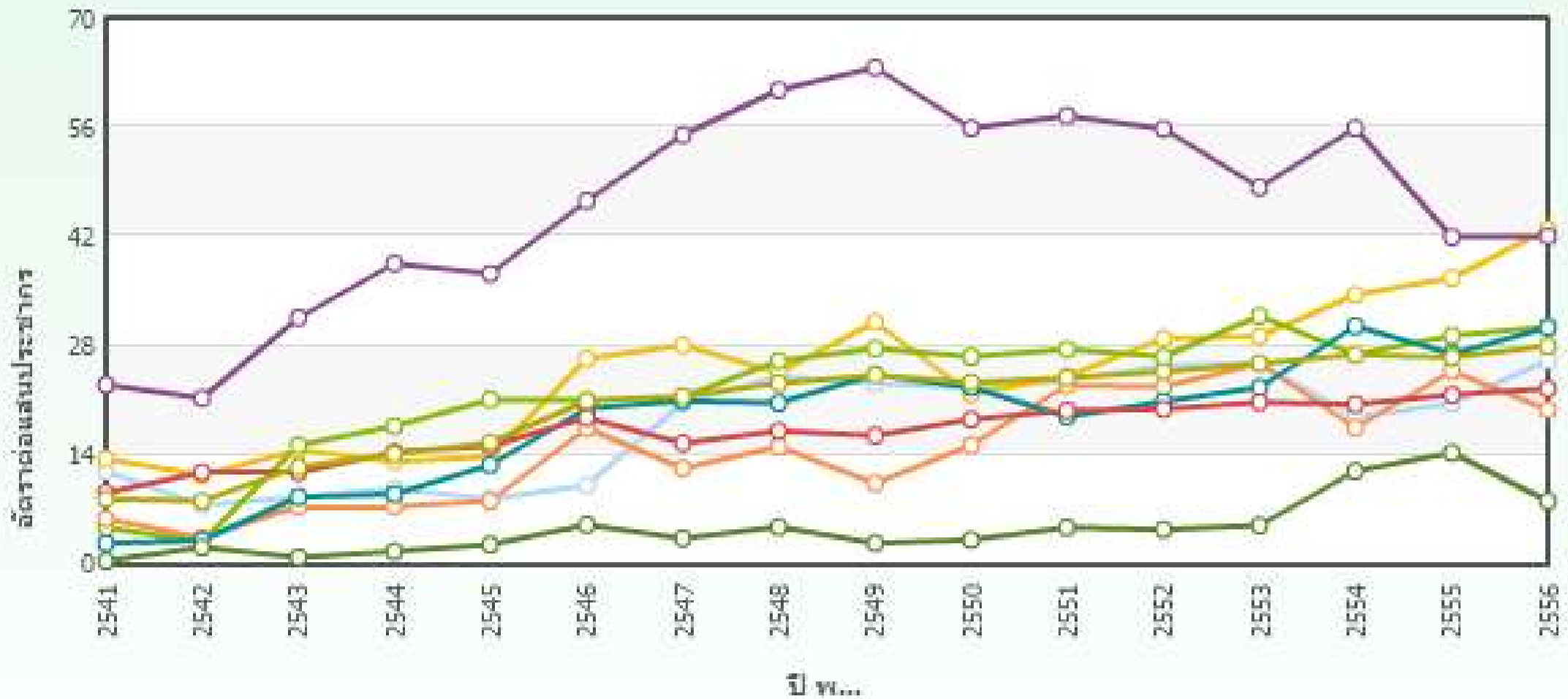
อัตราตายโรคมะเร็ง ( อัตราต่อแสนประชากร )  
 ประชากรหญิง, ประชากรชาย, ประชากรรวม



อัตราการตายจากโรคมะเร็งตับ ( ต่อแสนประชากร...  
จังหวัดในเขต1 เชียงใหม่ (เขต พื้นที่สุขภาพ.) ปี 2...



อัตราการตายจากโรคมะเร็งตับ ( ต่อแสนประชากร...  
 1 เชียงใหม่ (เขต สปสช.) เปรียบเทียบจังหวัด...



- น่าน
- พะเยา
- ลำปาง
- ลำพูน
- เชียงใหม่
- แพร่
- แม่ฮ่องสอน
- 1 เชียงใหม่ (เขต สปสช.)



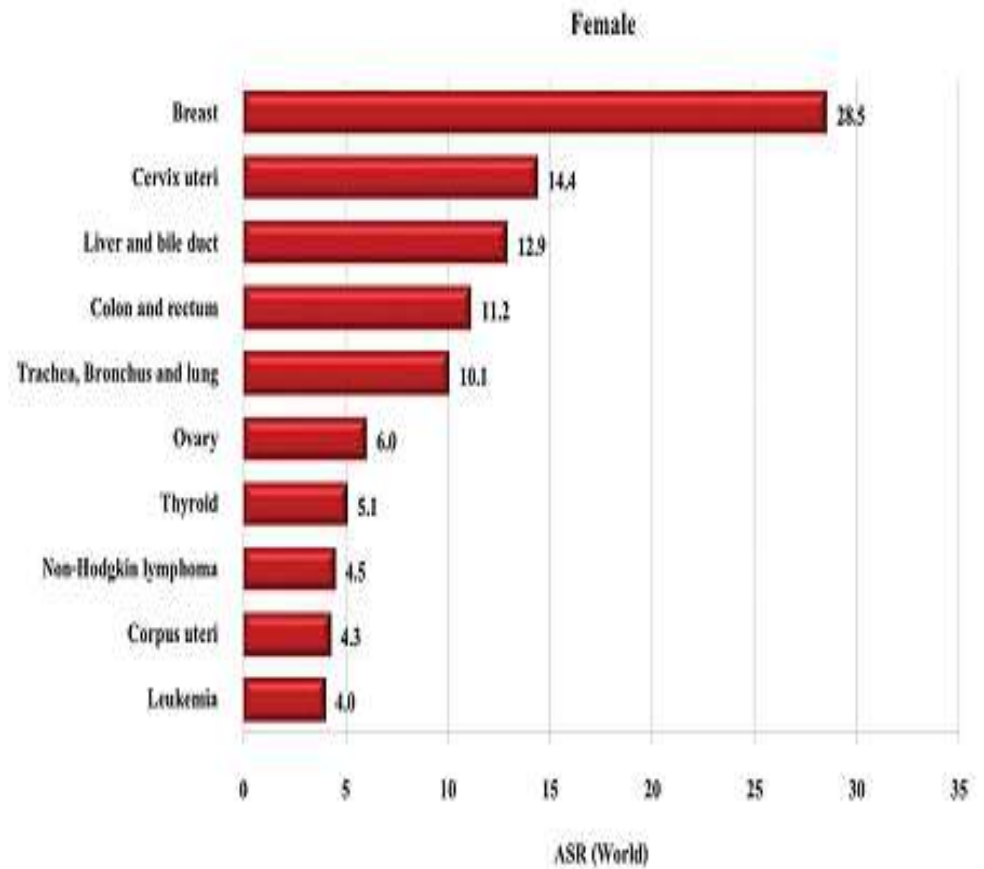
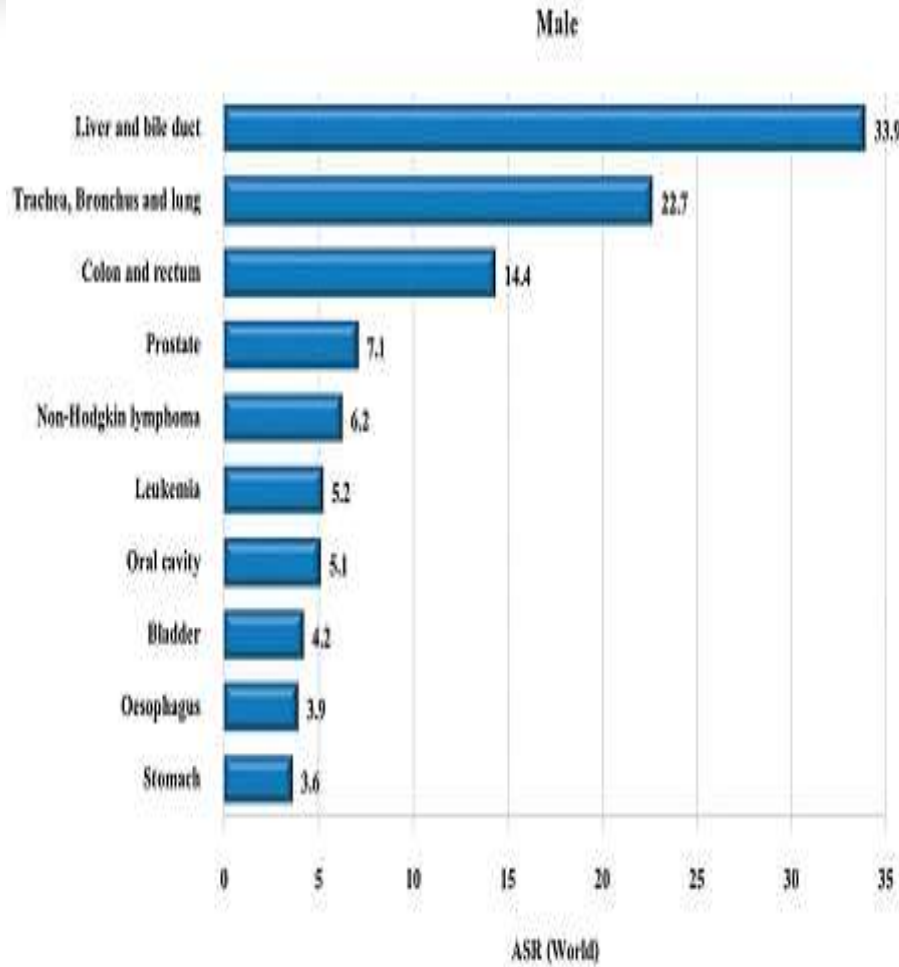




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# Cancer in Thailand

## Leading cancer in Thailand, 2010-2012



Lampang Cancer Hospital



# ฐานข้อมูลทะเบียนมะเร็งภาคเหนือ



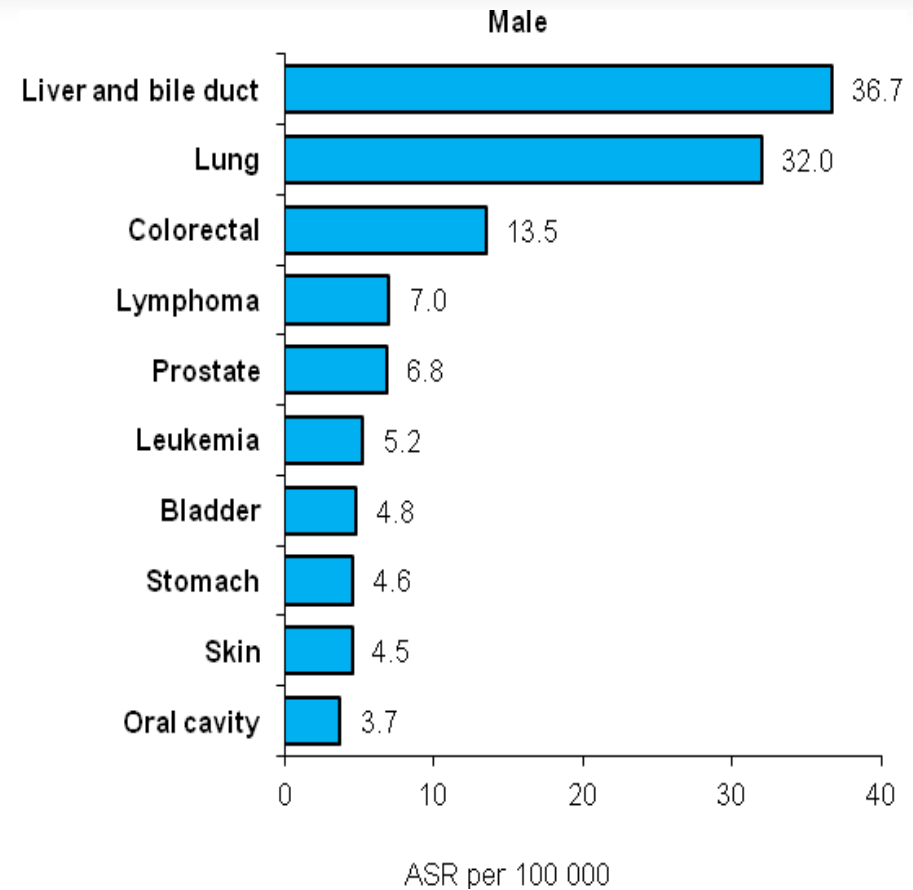
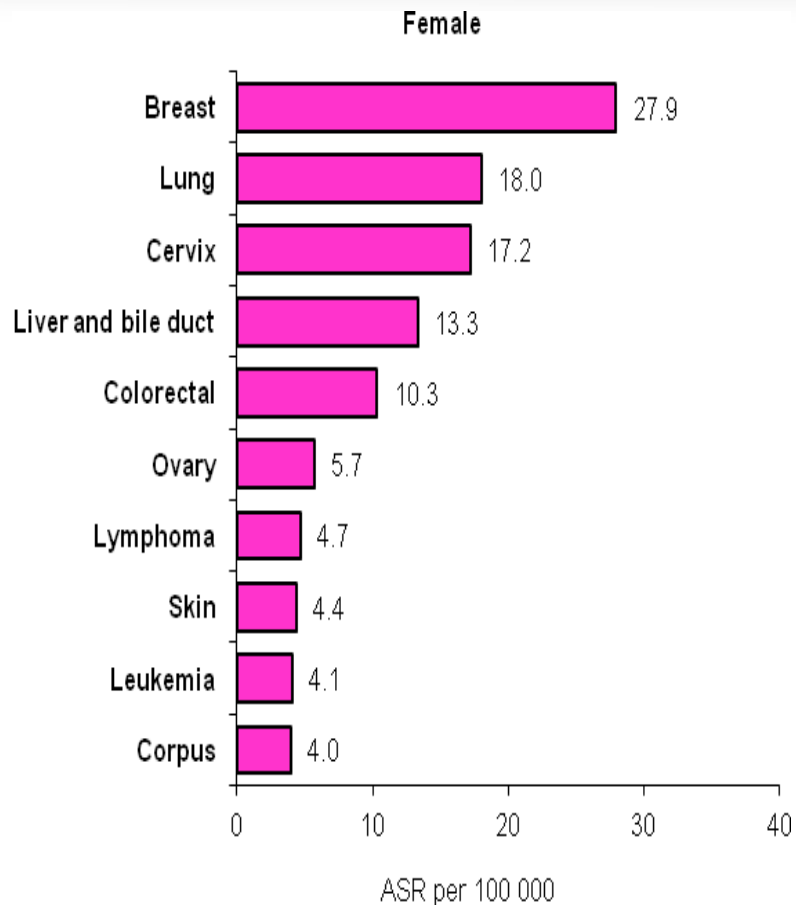
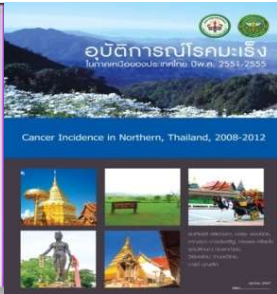
ทะเบียนมะเร็งระดับประชากรภาคเหนือมี  
ทั้งหมด 7 จังหวัด

➤ ครอบคลุม 87% ของประชากร 8  
จังหวัดภาคเหนือตอนบน



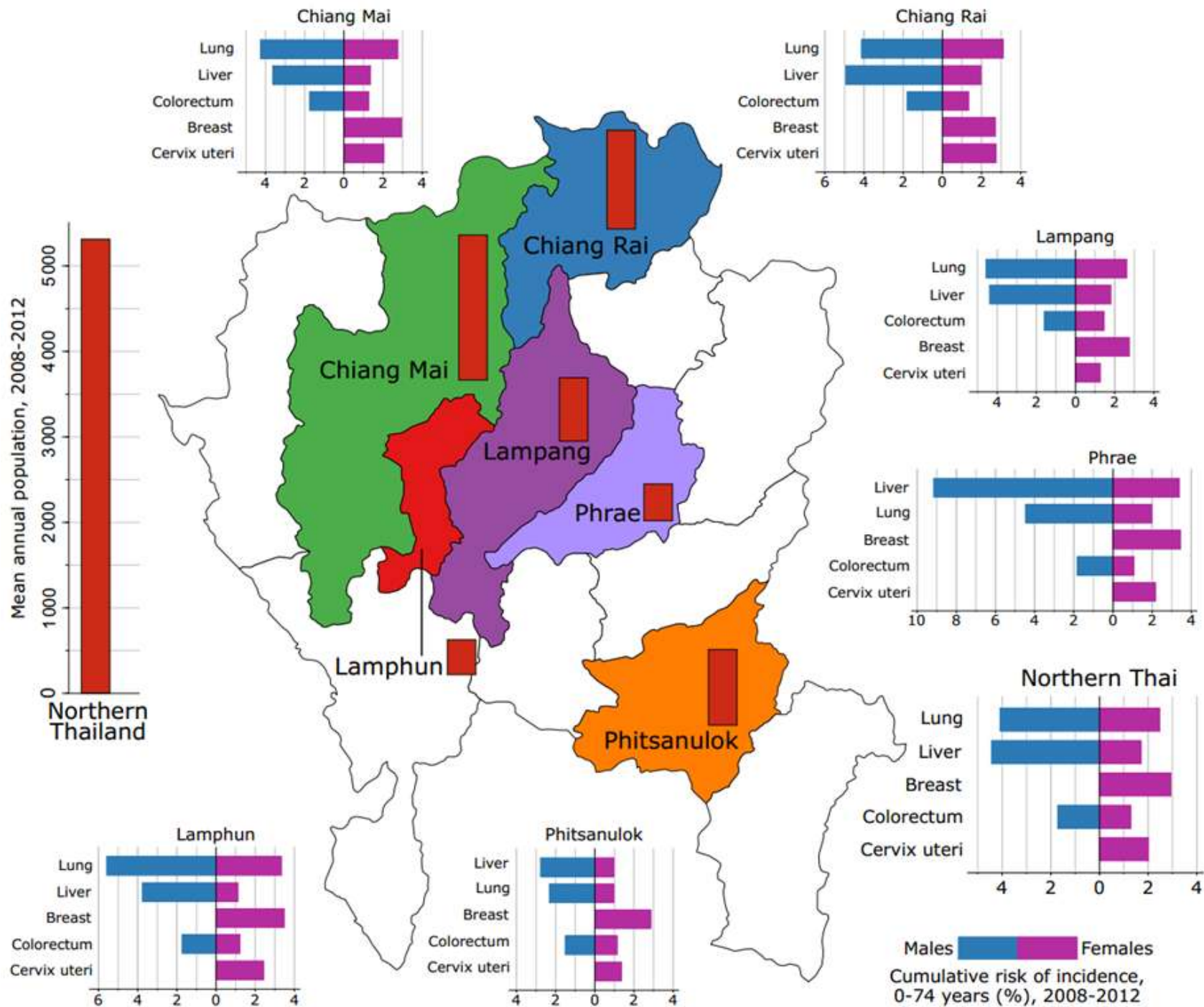
# Cancer in Northern Thailand

Leading cancer in Northern Thailand, 2008-2012



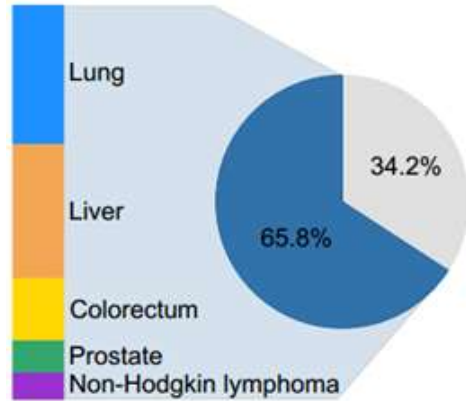
กรมการแพทย์  
DEPARTMENT OF MEDICAL SERVICES

*Lampang Cancer Hospital*



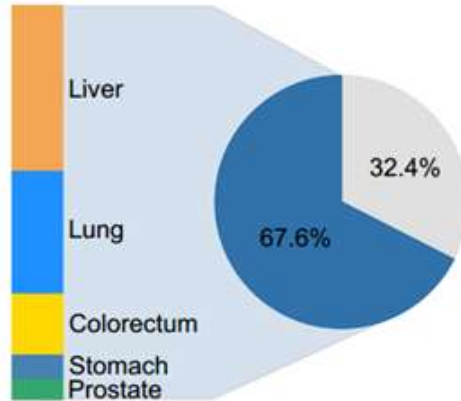
incidence 2008-2012, males

Chiang Mai



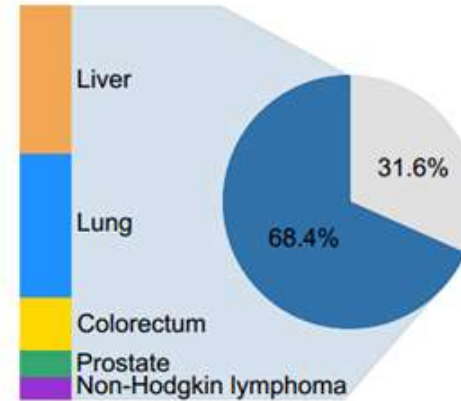
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new cases

Chiang Rai



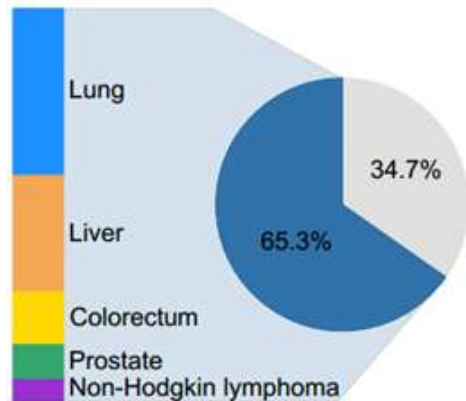
6063  
new cases

Lampang



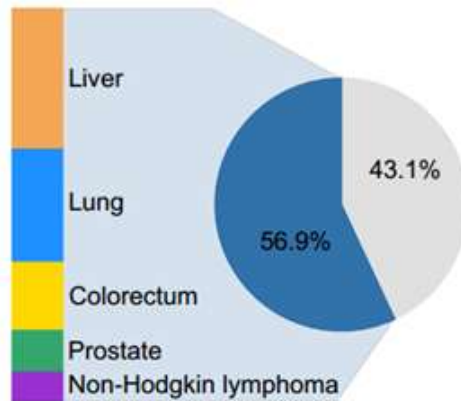
4456  
new cases

Lamphun



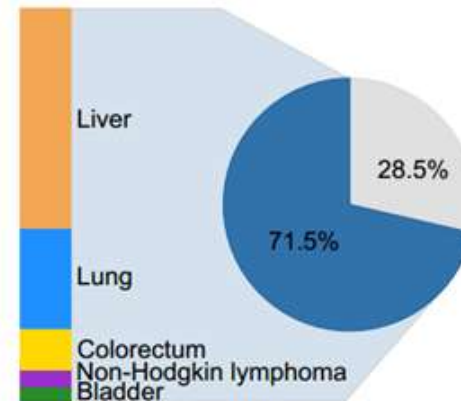
2480  
new cases

Phitsanulok



3551  
new cases

Phrae

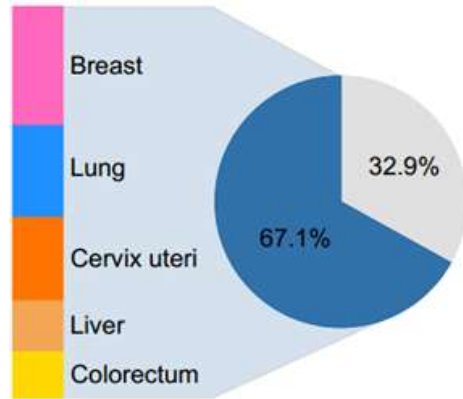


3367  
new cases



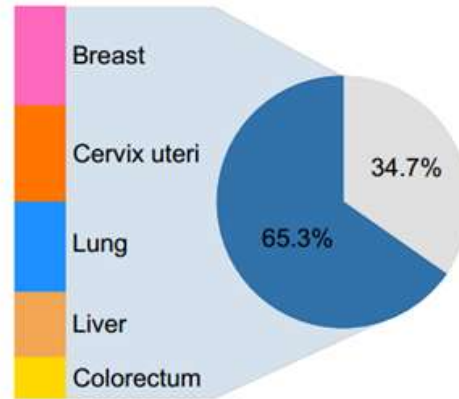
# incidence 2008-2012, females

## Chiang Mai



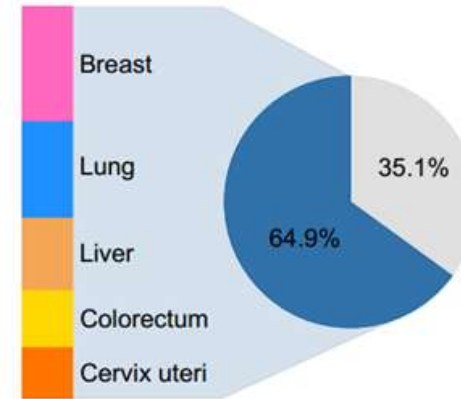
8357  
new cases

## Chiang Rai



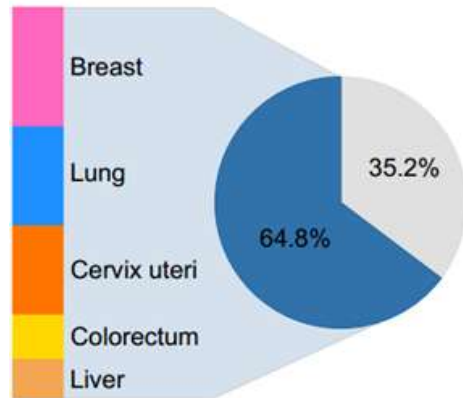
6902  
new cases

## Lampang



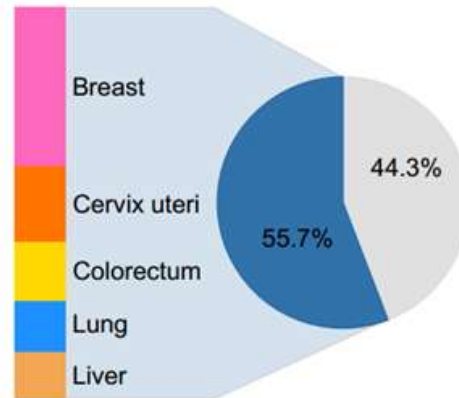
4174  
new cases

## Lamphun



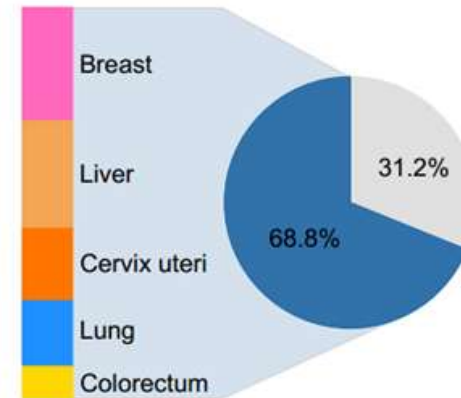
2595  
new cases

## Phitsanulok



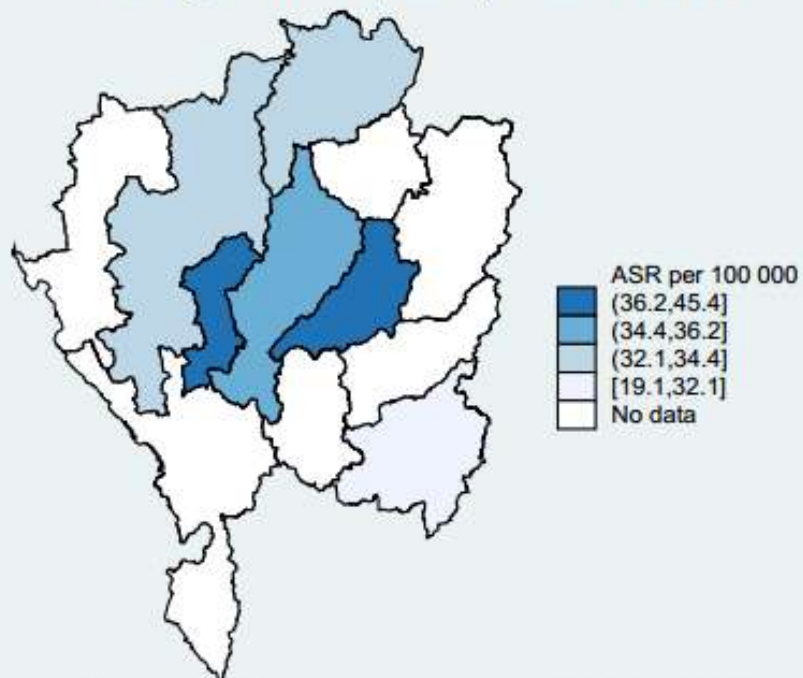
3747  
new cases

## Phrae

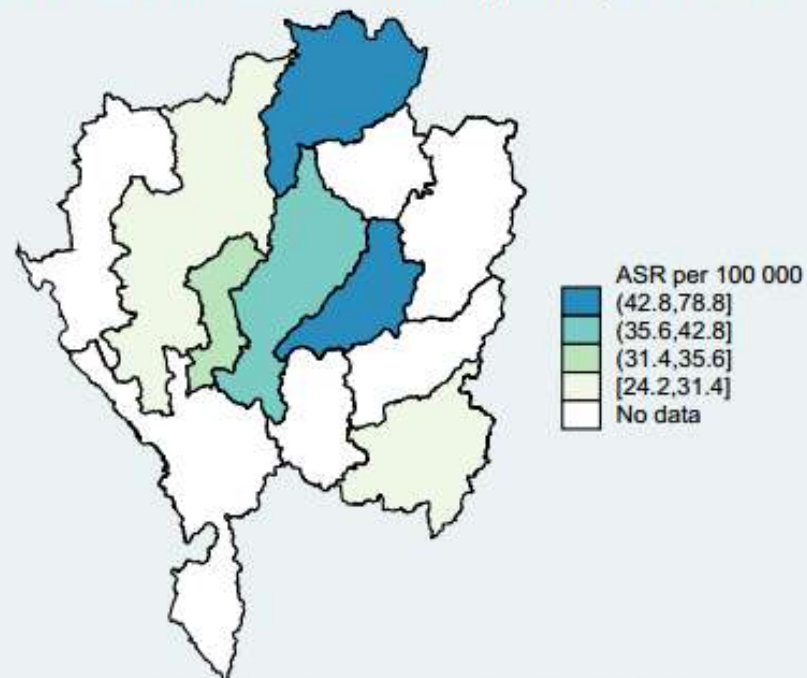


2945  
new cases

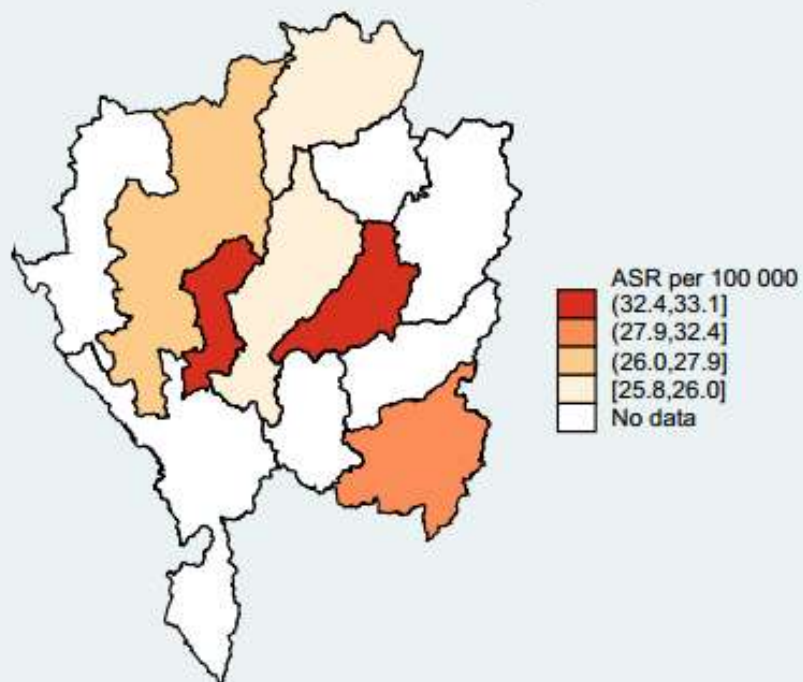
Lung cancer (Male), 2008-2012



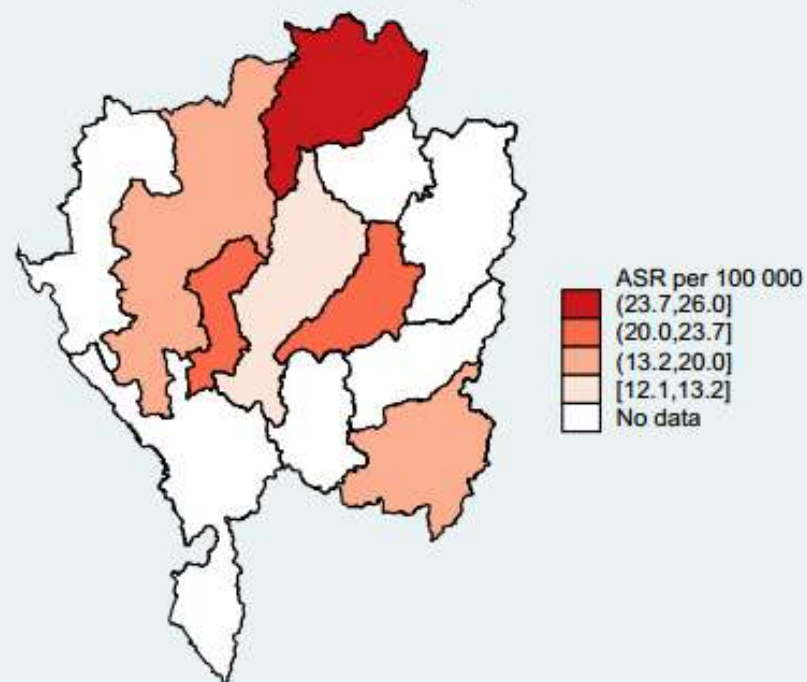
Liver & bile duct cancer (Male), 2008-2012



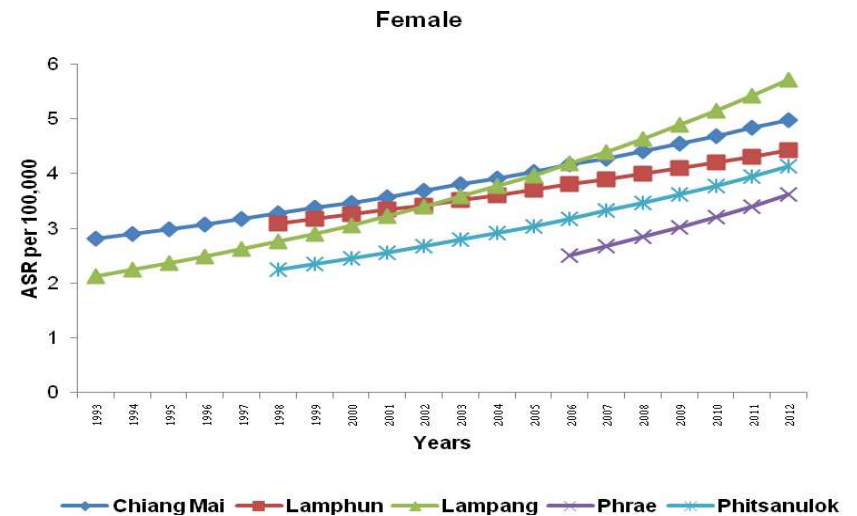
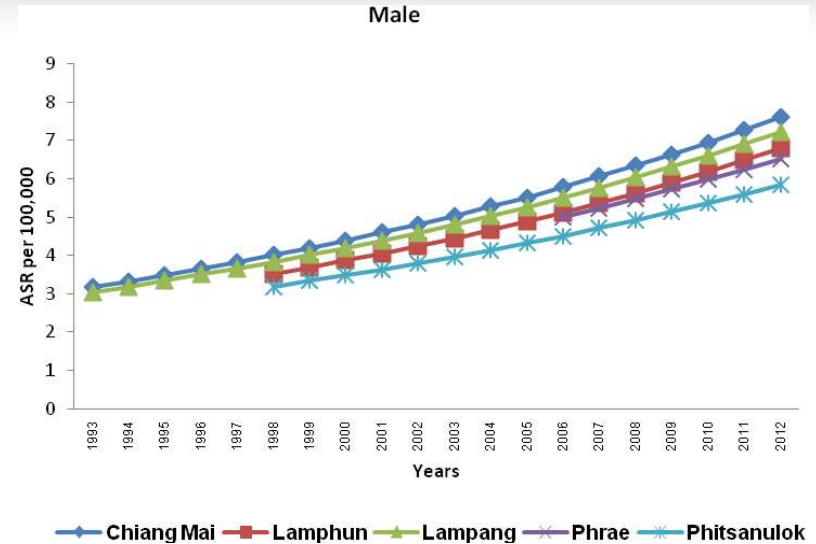
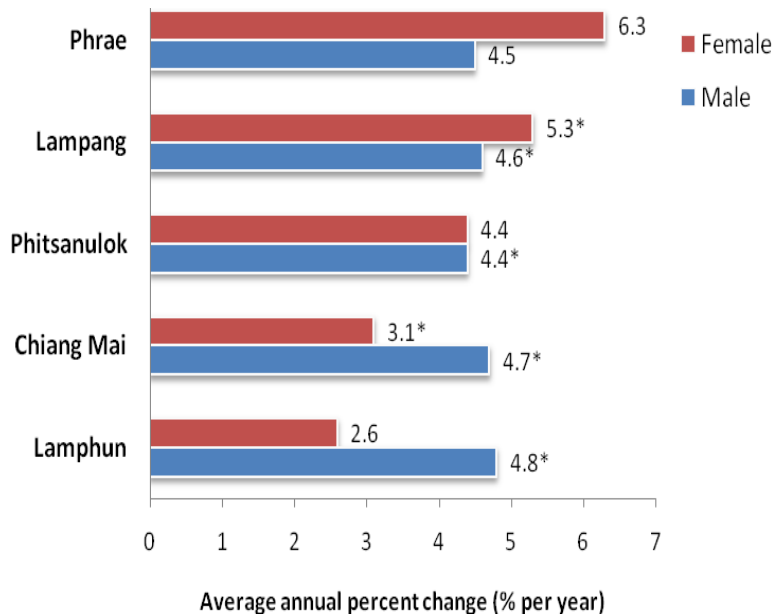
Female Breast cancer, 2008-2012



Cervical cancer, 2008-2012

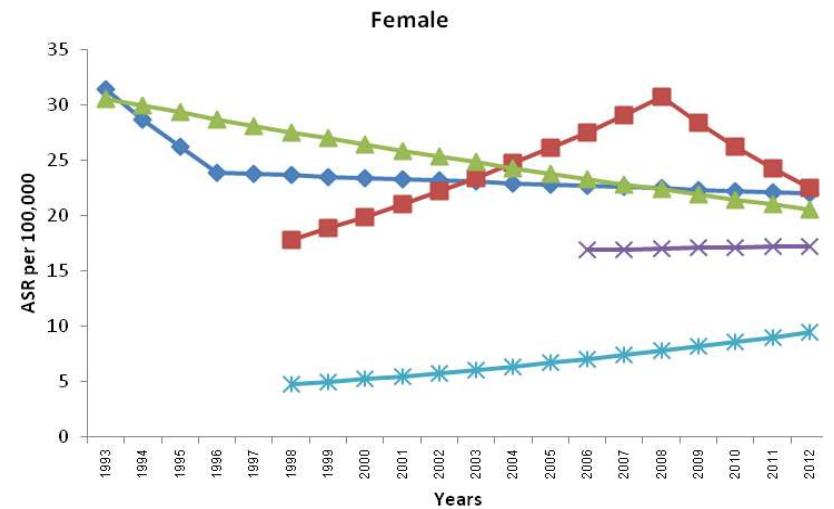
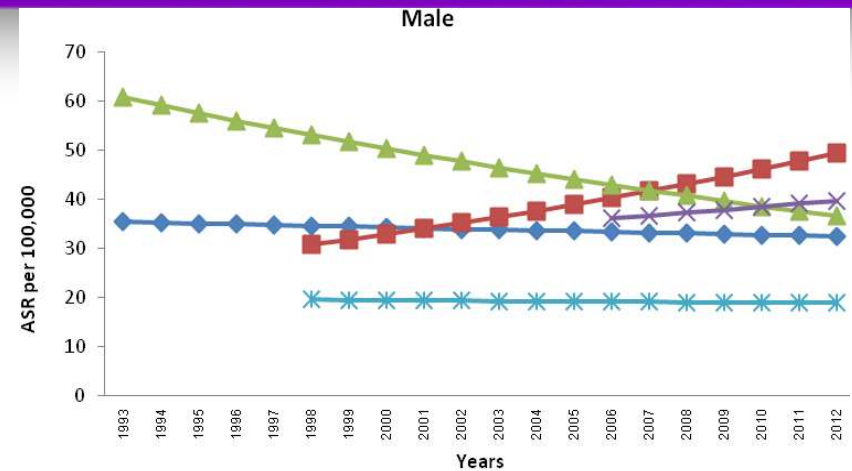
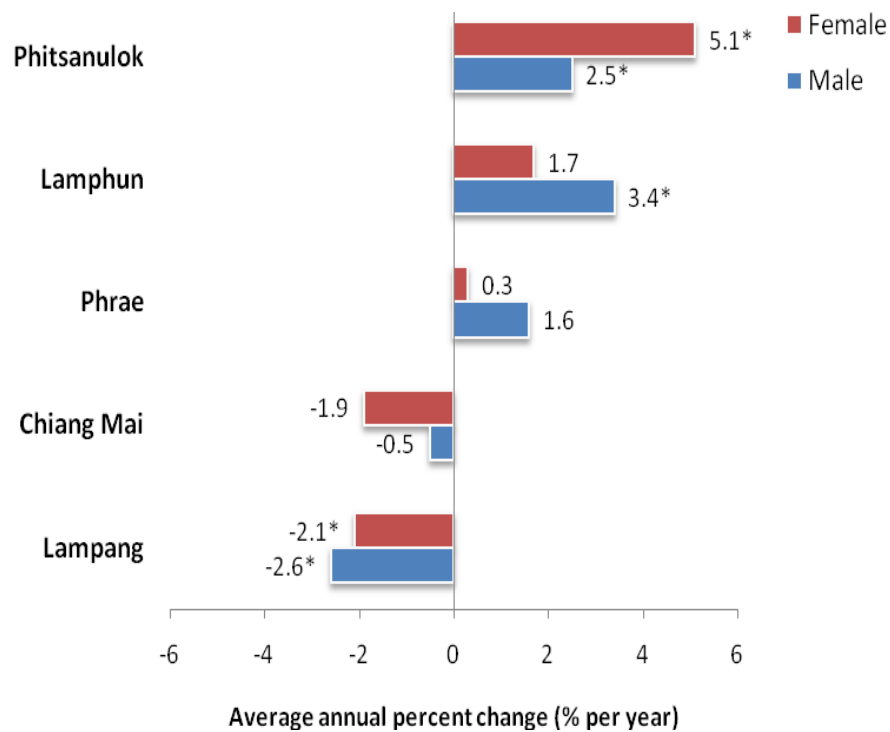


# Trend rectal cancer in Northern Thailand, 2536-2555

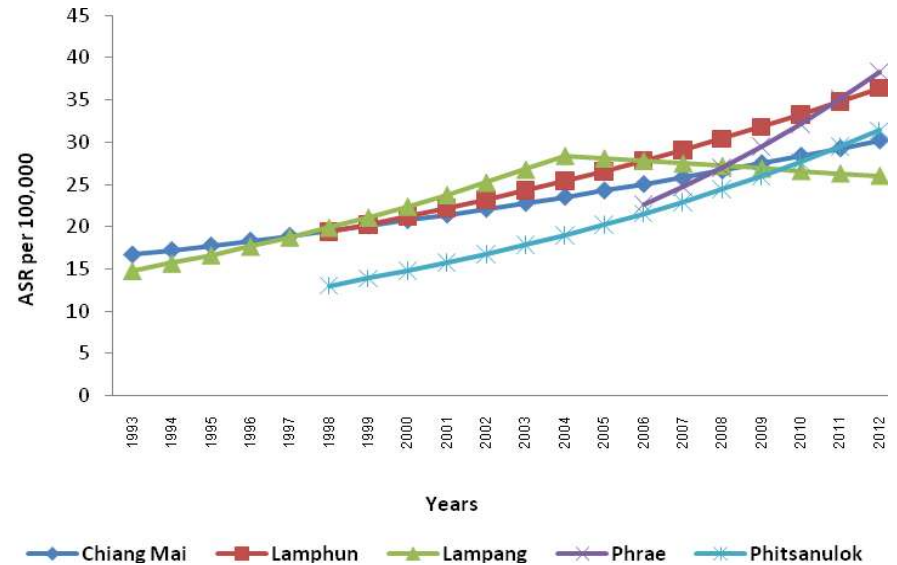
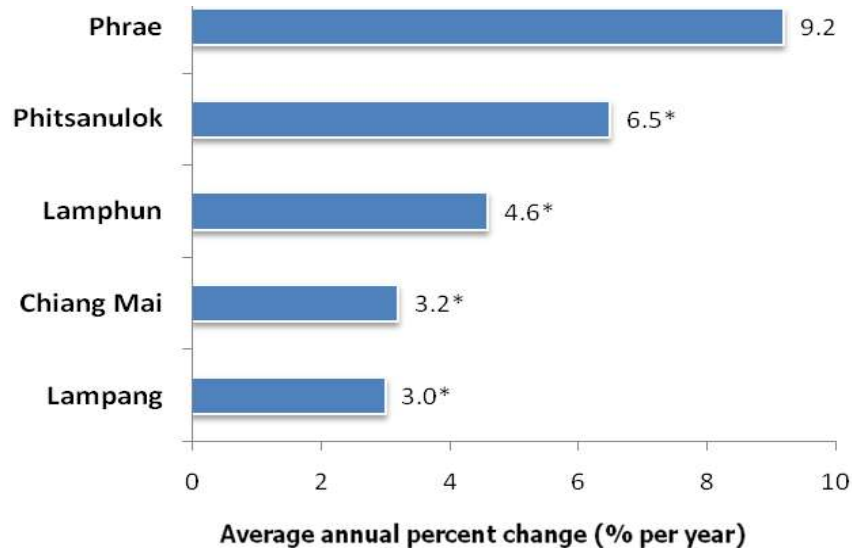




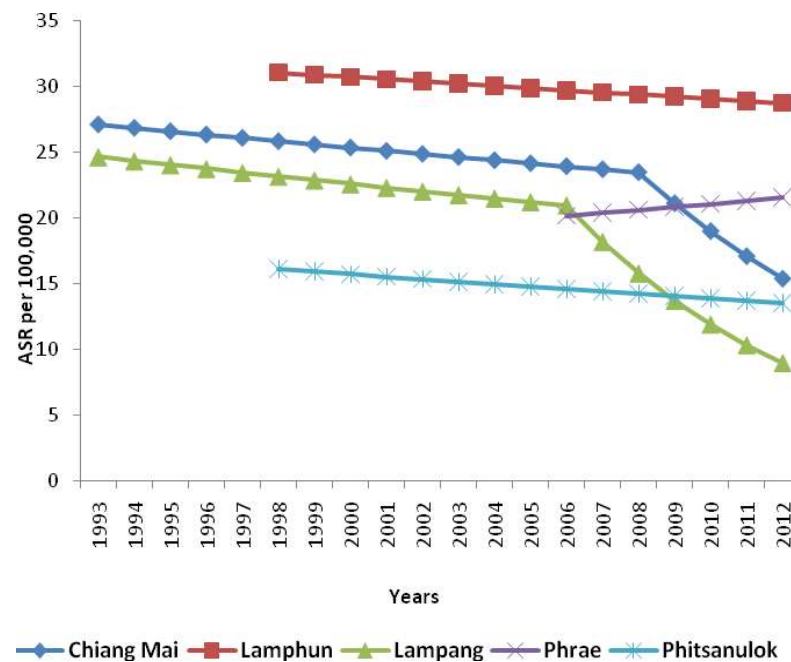
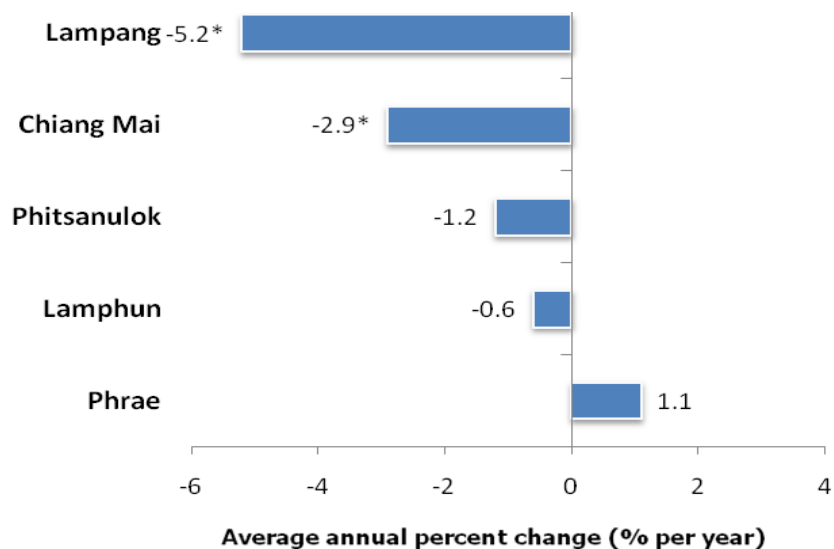
# Trend lung cancer in Northern Thailand, 2536-2555



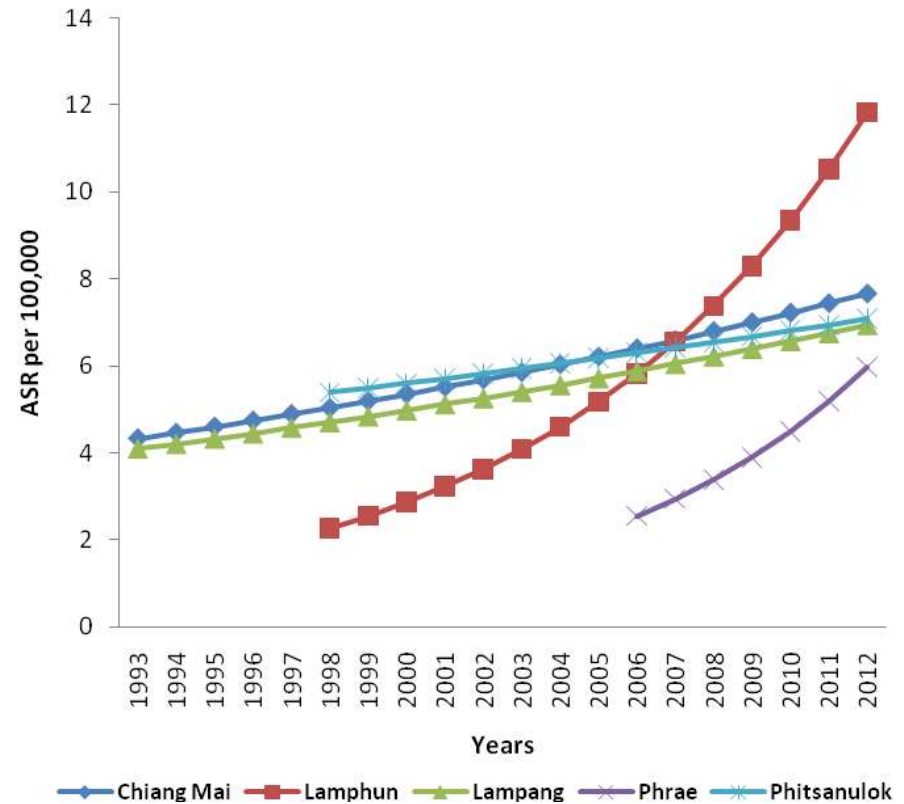
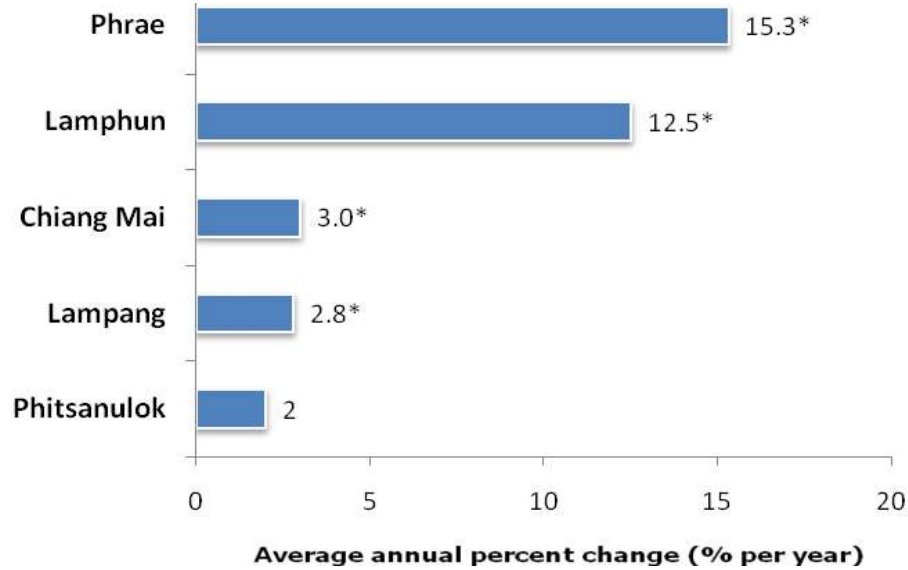
# Trend female breast cancer in Northern Thailand, 2536-2555



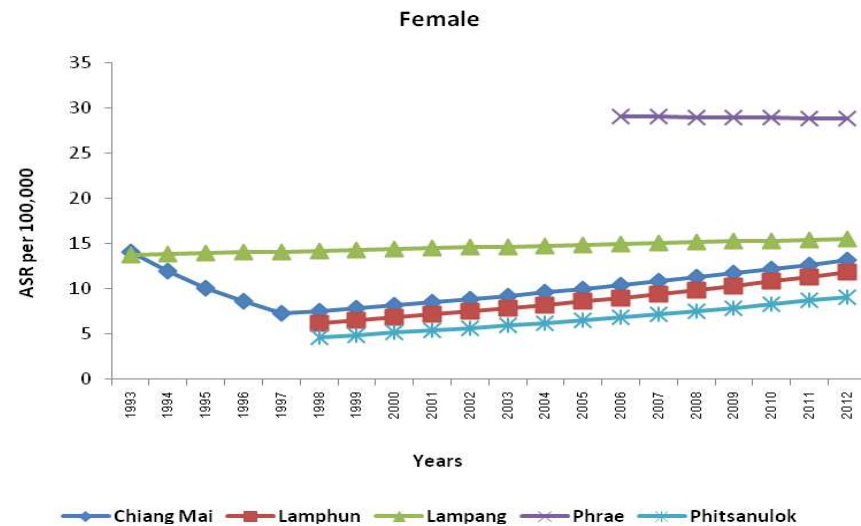
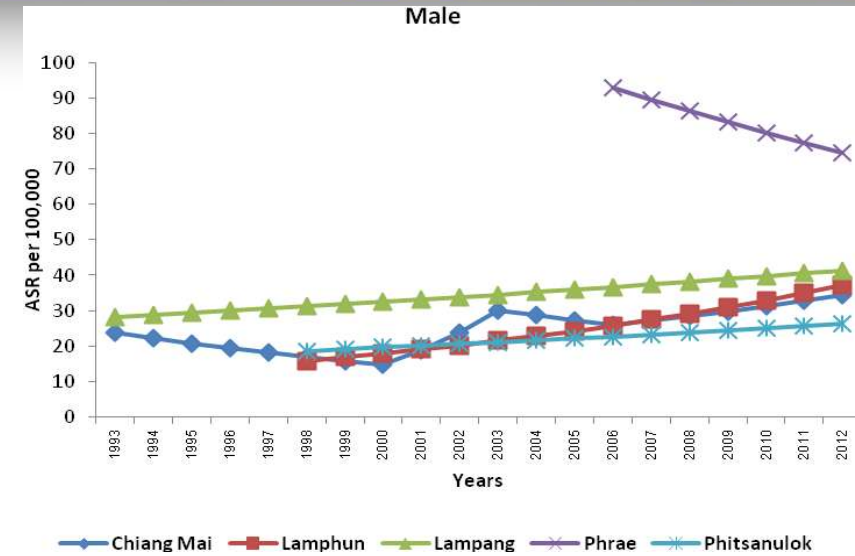
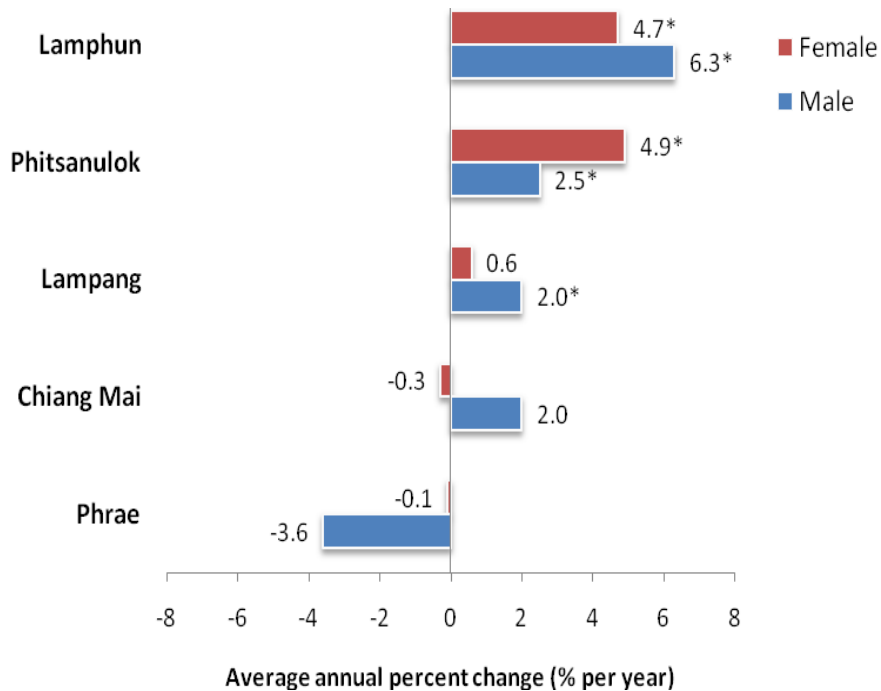
# Trend cervical cancer in Northern Thailand, 2536-2555



# Trend prostate cancer in Northern Thailand, 2536-2555

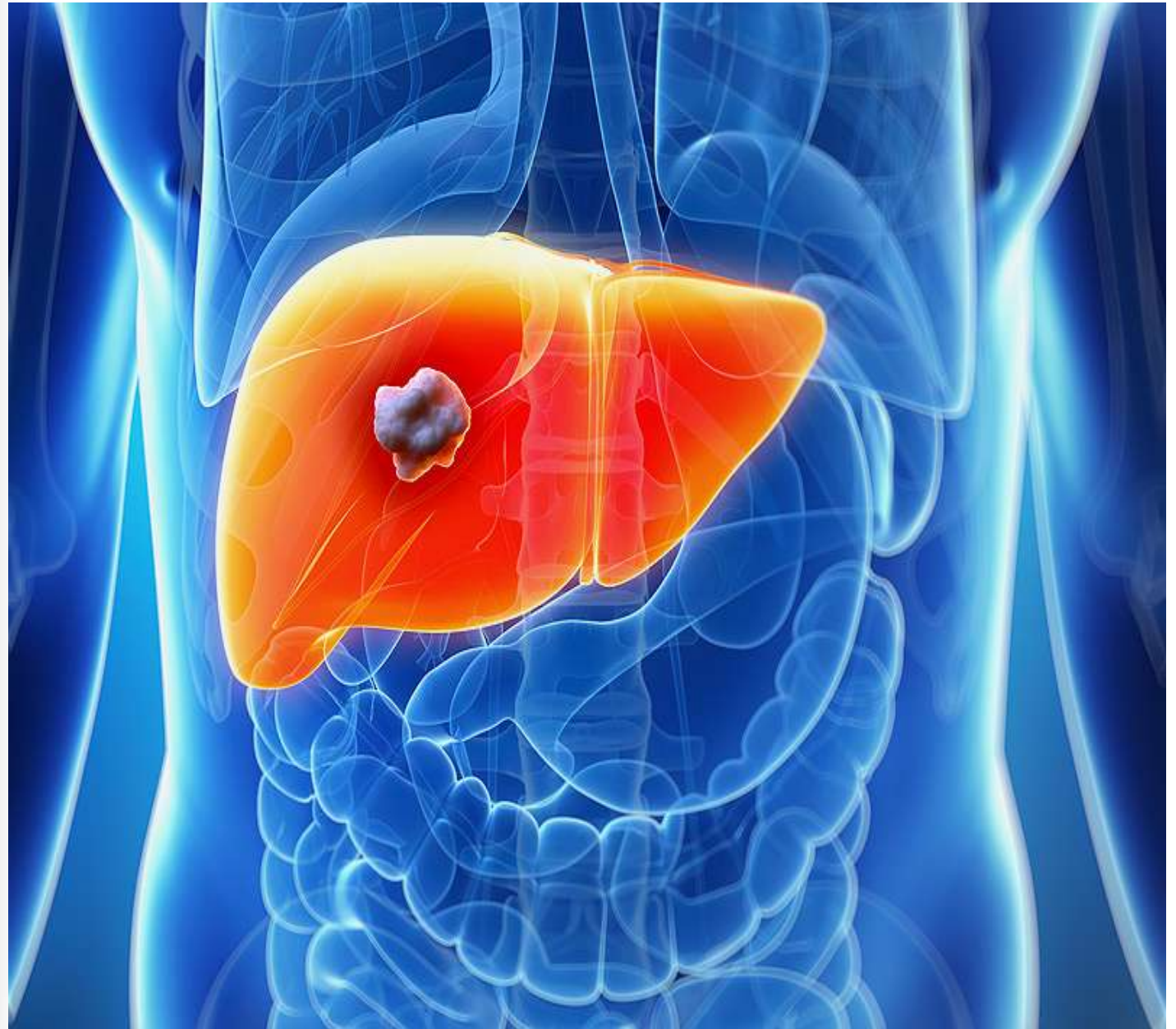


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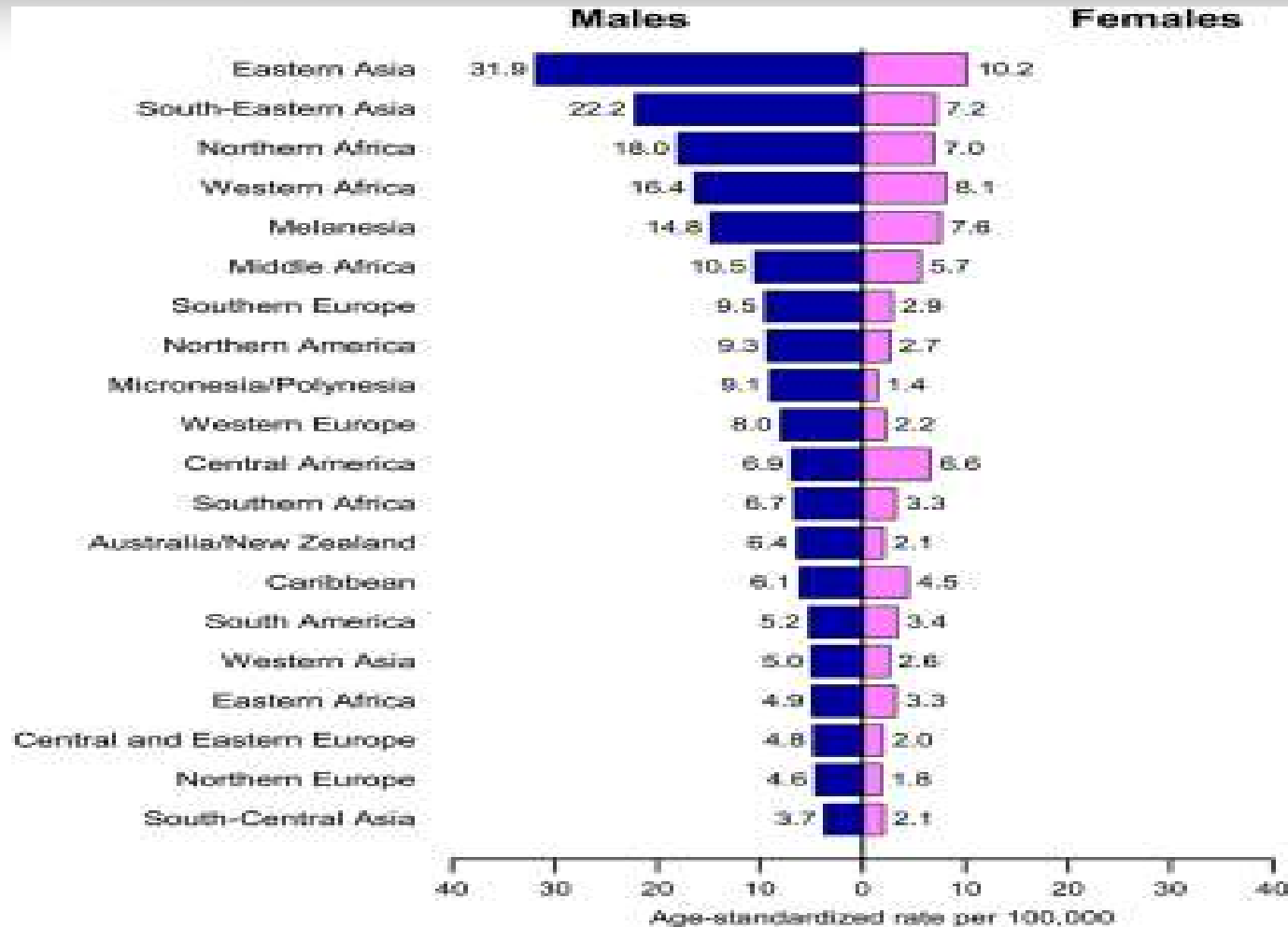




# Liver and bile duct cancer statistic



# Global liver cancer statistics, 2012



CA: A Cancer Journal for Clinicians

Volume 65, Issue 2, pages 87-108, 4 FEB 2015 DOI: 10.3322/caac.21262

<http://onlinelibrary.wiley.com/doi/10.3322/caac.21262/full#caac21262-fig-0009>

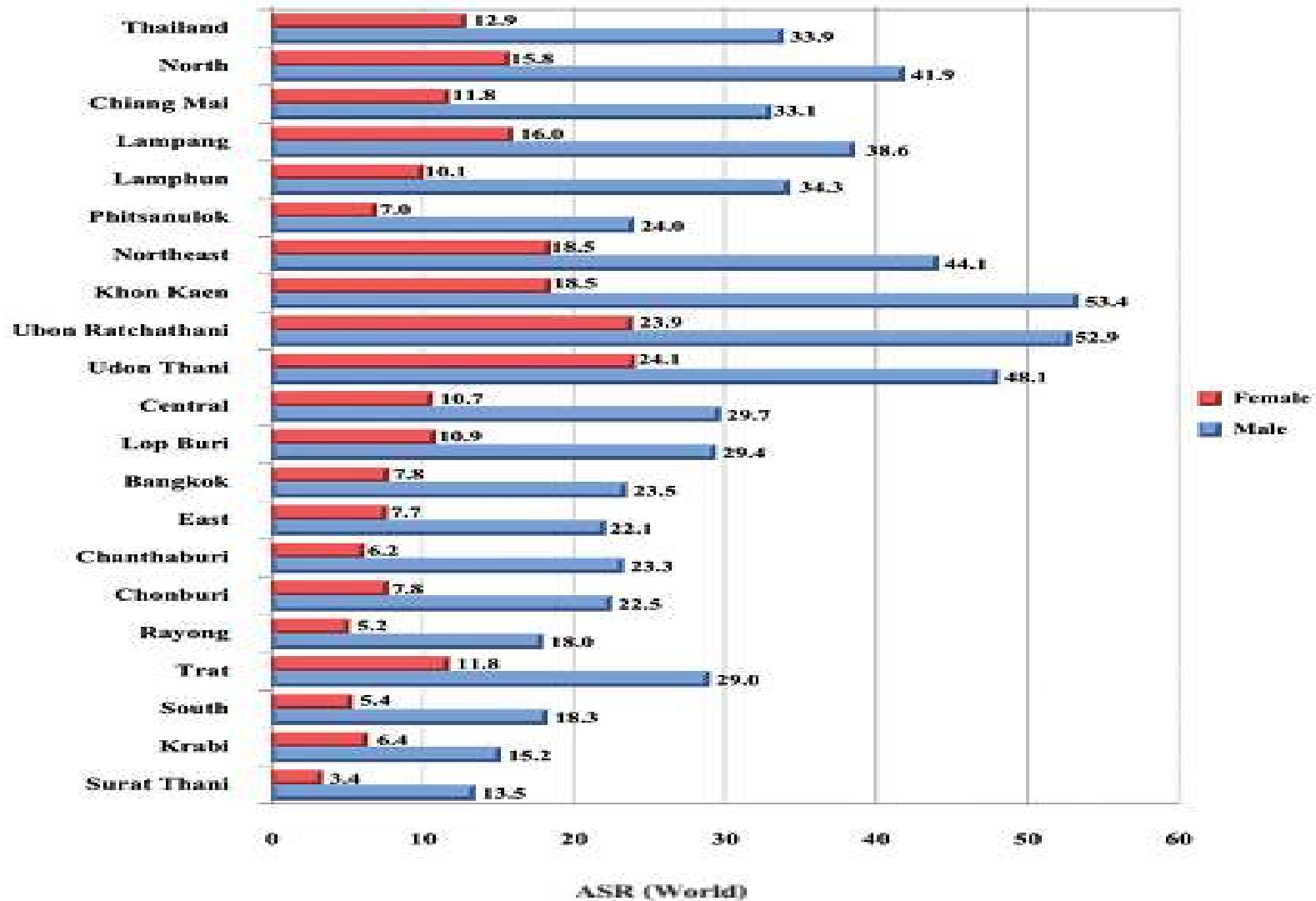


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Lampang Cancer Hospital



# Liver and bile duct cancer in Thailand, 2010-2012

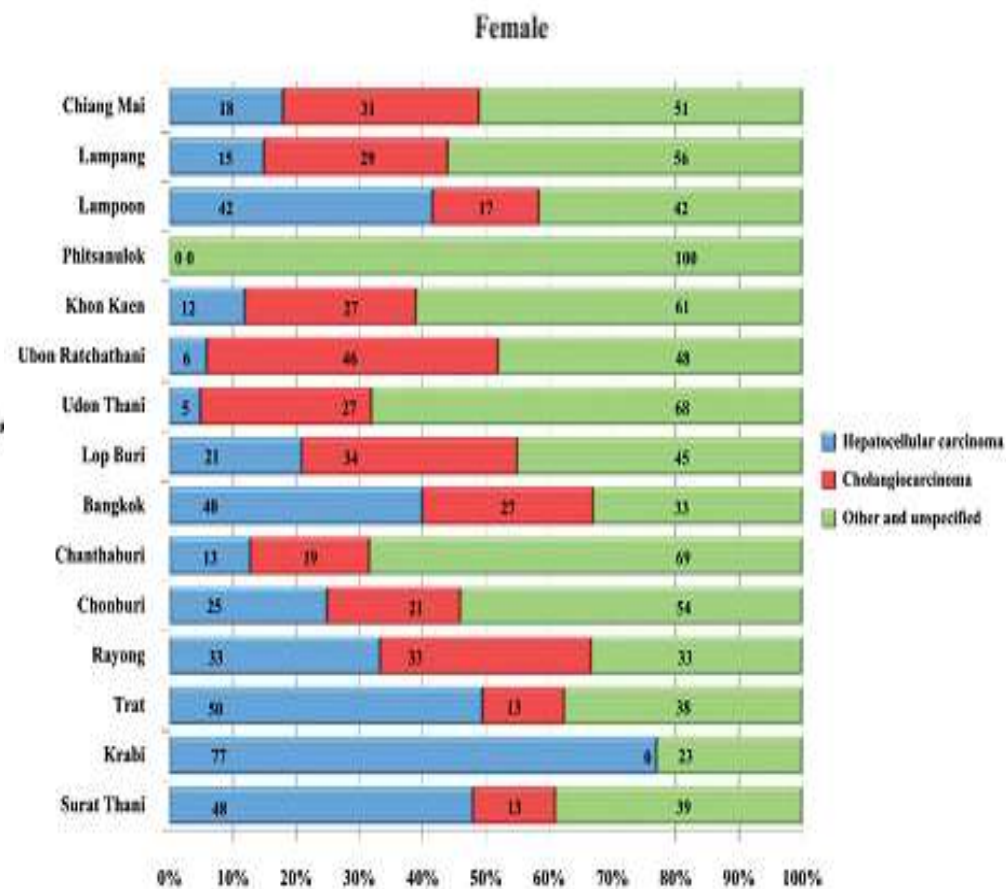
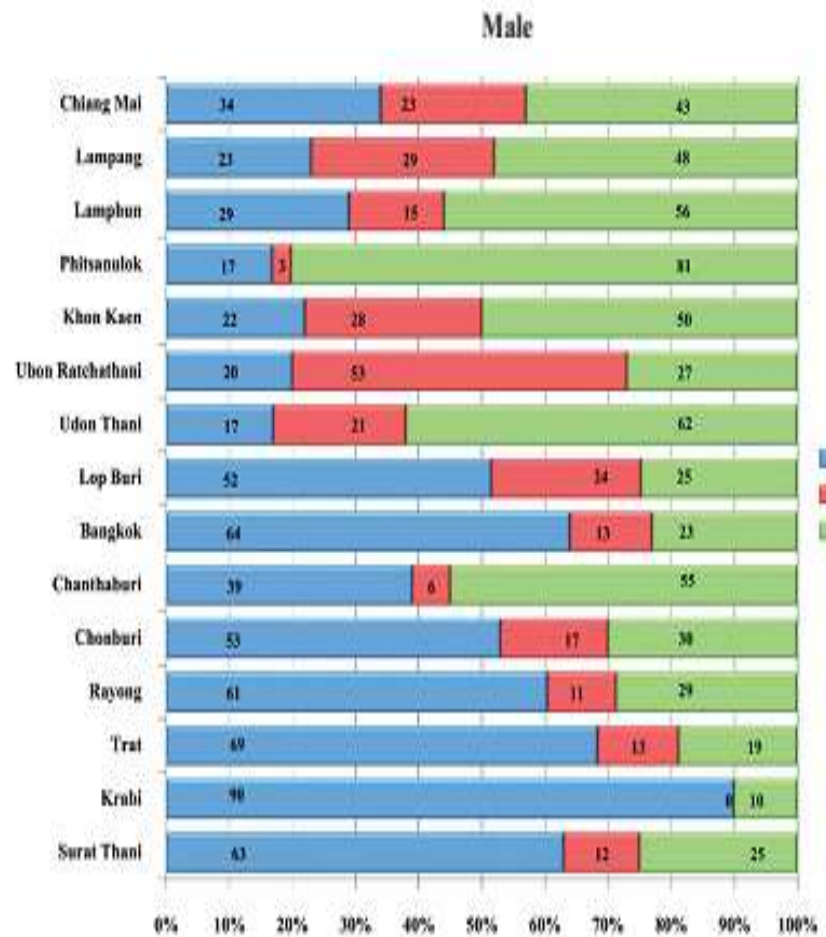


# จำนวนและอุบัติการณ์มะเร็งตับและท่อน้ำดี ภาคเหนือตอนบน 2551-2555

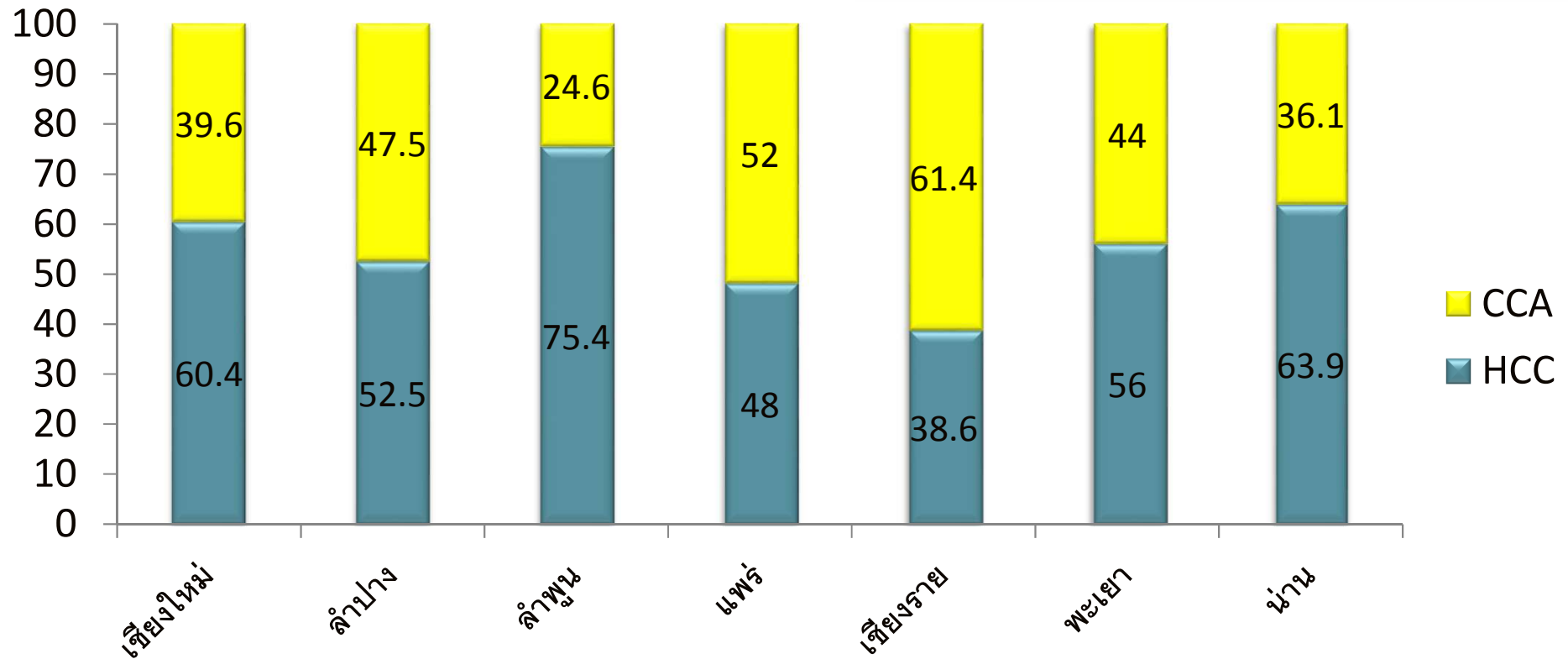
Regions	Male		Female	
	Cases/year	ASR per 100,000	Cases/year	ASR per 100,000
Thailand*	13,152	33.9	5765	12.9
Northeast	NA	44.1	NA	18.5
Northern	2,021	36.7	827	13.3
Chiang Rai	308	39.9	132	15.8
Chiang Mai	342	31.0	143	11.5
Lamphun	95	33.2	35	10.1
Lampang	226	37.8	99	15.0
Phayao	193	58.8	95	27.0
Phrae	264	77.8	110	28.2
Nan	111	33.9	41	11.2



# Histology of liver and bile duct cancer in Thailand, 2010-2012



# โรคมะเร็งตับแยกตามการวินิจฉัย ภาคเหนือ



หมายเหตุ แม่ฮ่องสอนยังไม่ได้จัดทำทะเบียนมะเร็ง

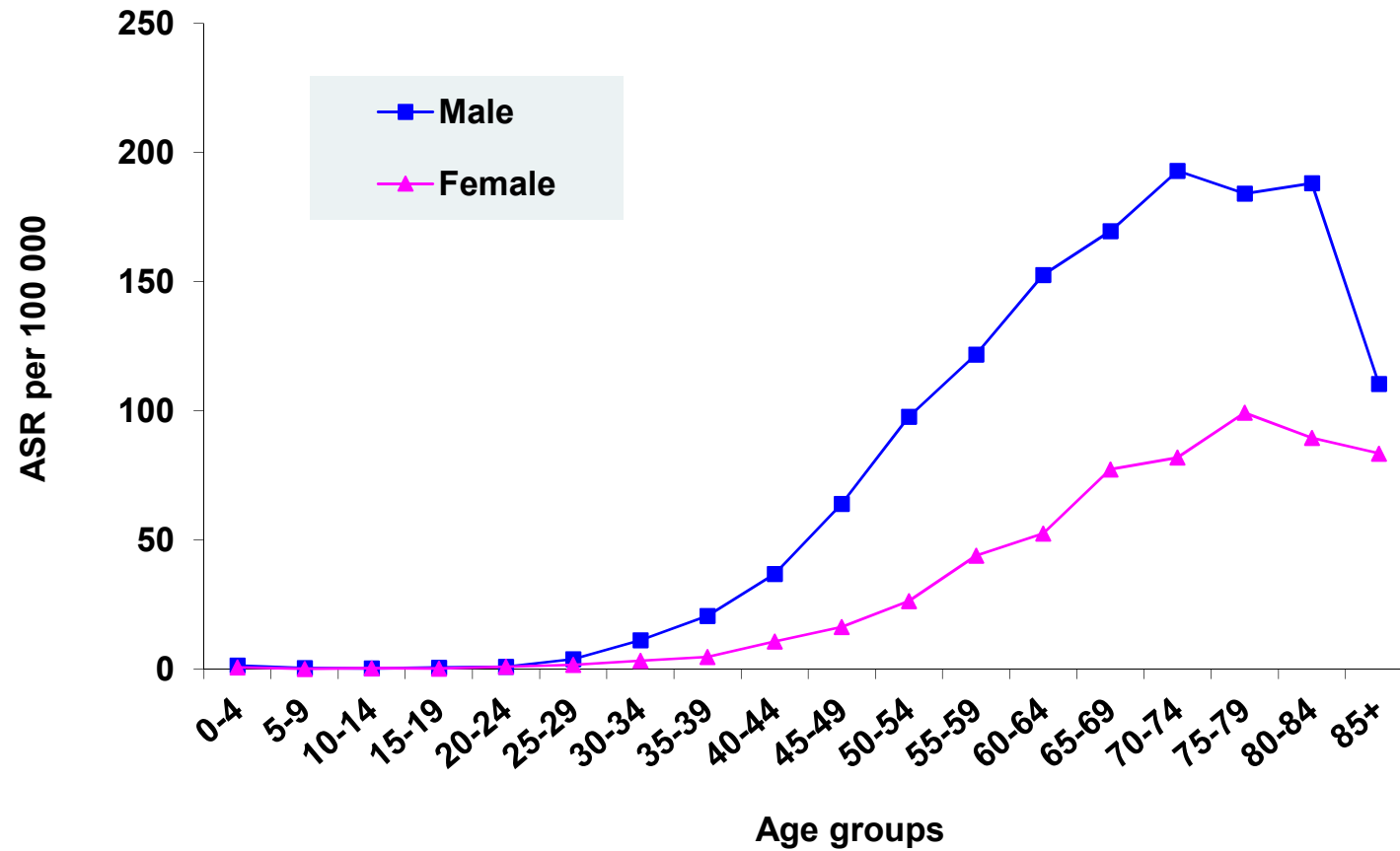


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DEPARTMENT OF MEDICAL SERVICES

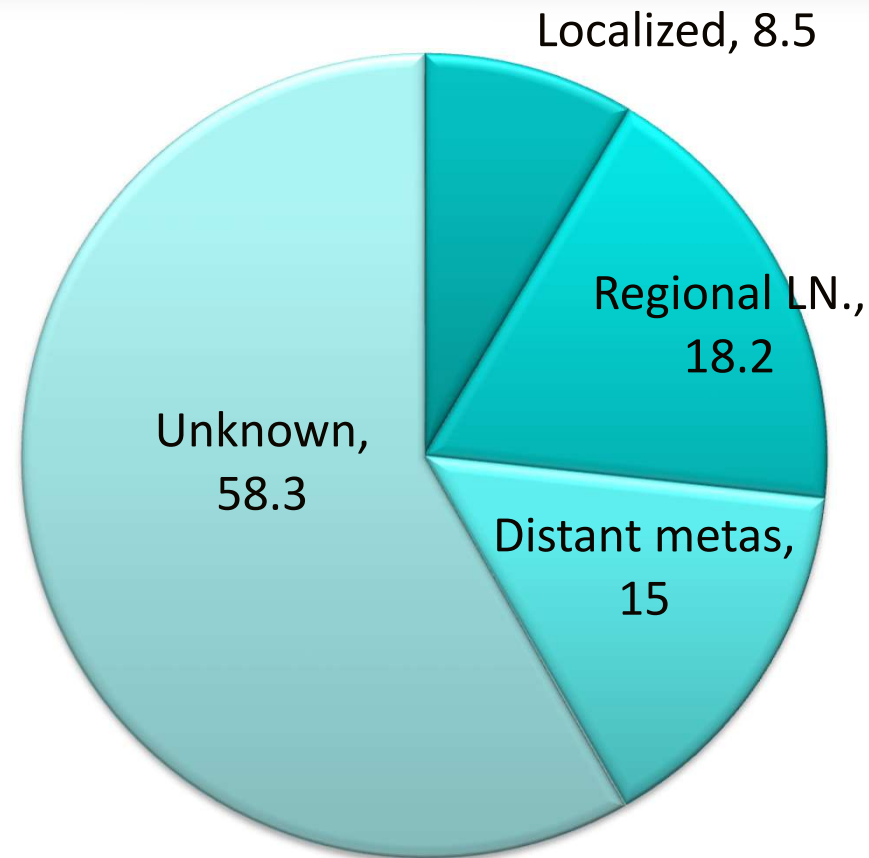
Lampang Cancer Hospital

# มะเร็งตับและท่อน้ำดีแยกตามช่วงอายุ

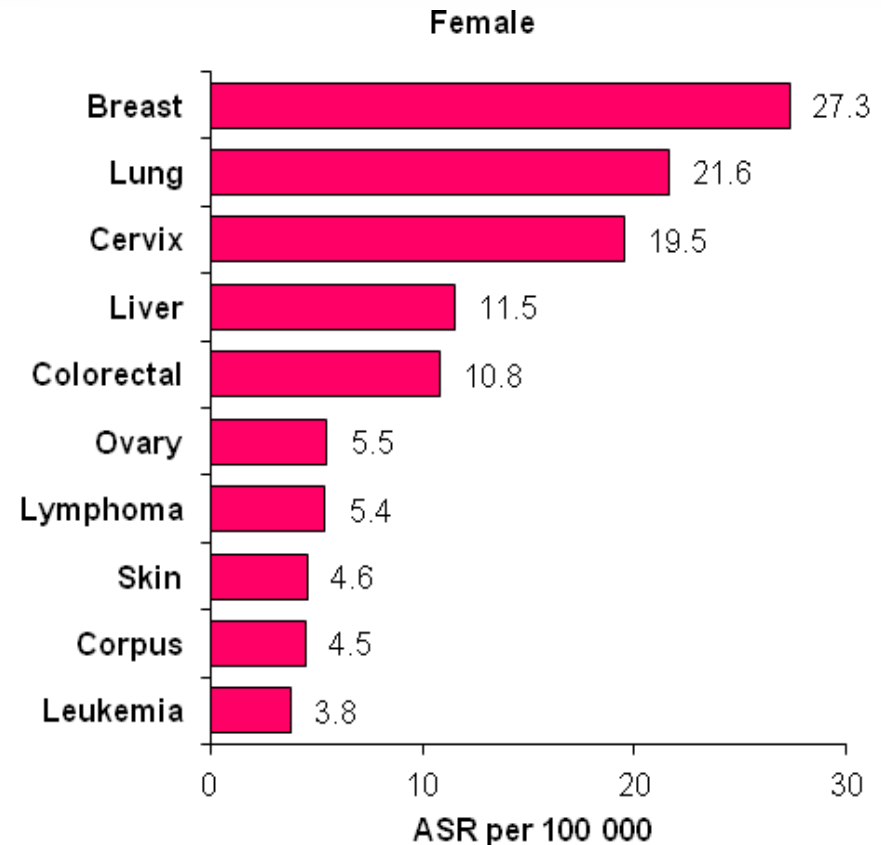
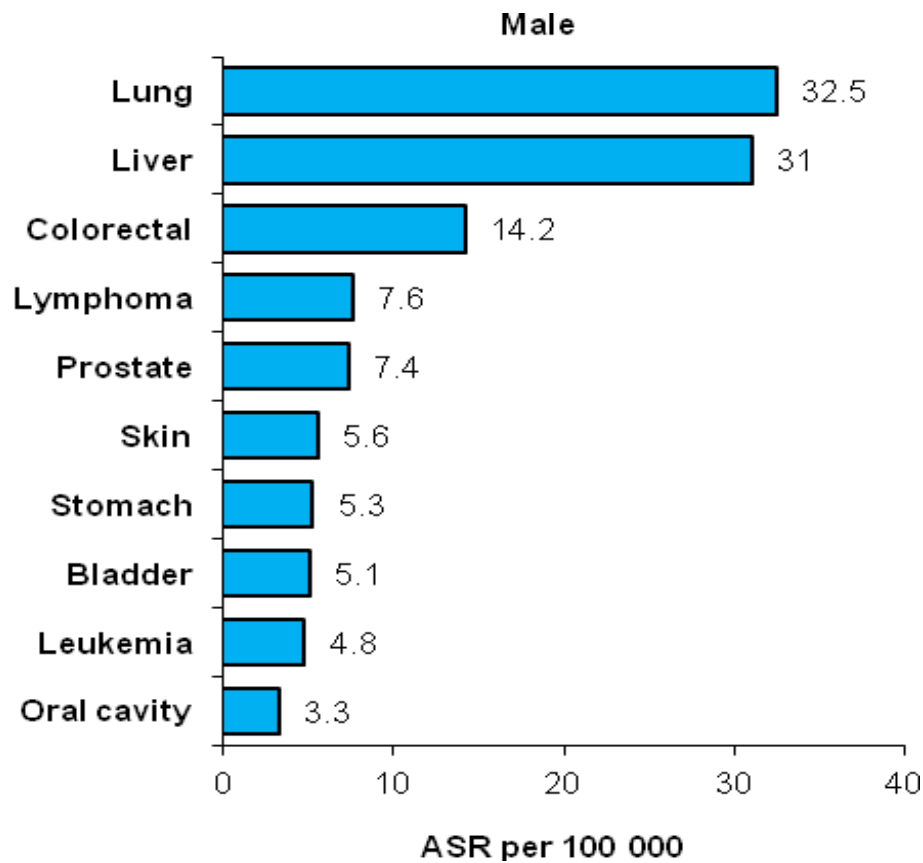
ปีพ.ศ. 2551-2555



# โรคมะเร็งที่แยกตามระยะของโรคใน ภาคเหนือ ปีพ.ศ. 2551-2555



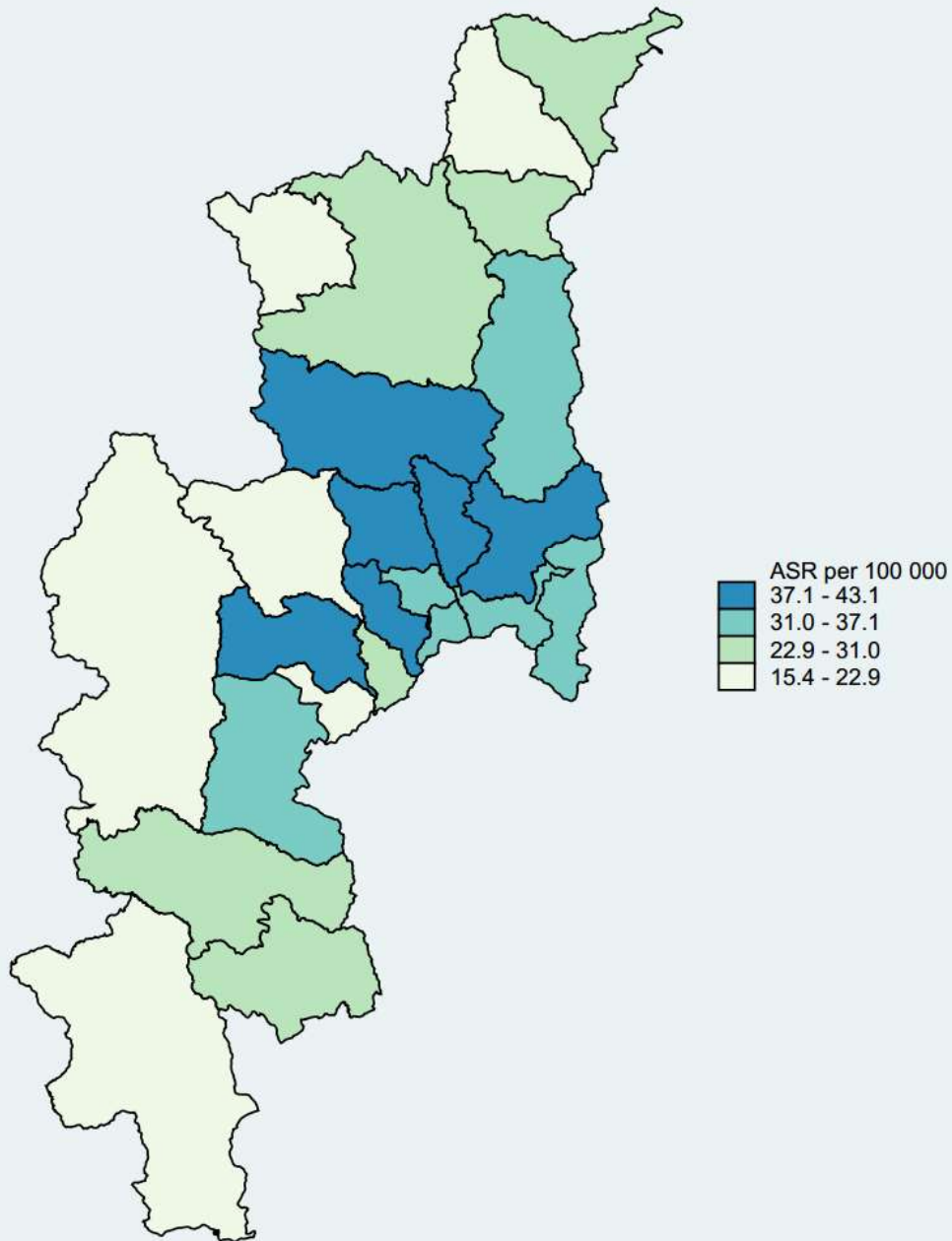
# อุบัติการณ์โรคมะเร็ง จ.เชียงใหม่ปีพ.ศ. 2551-2555



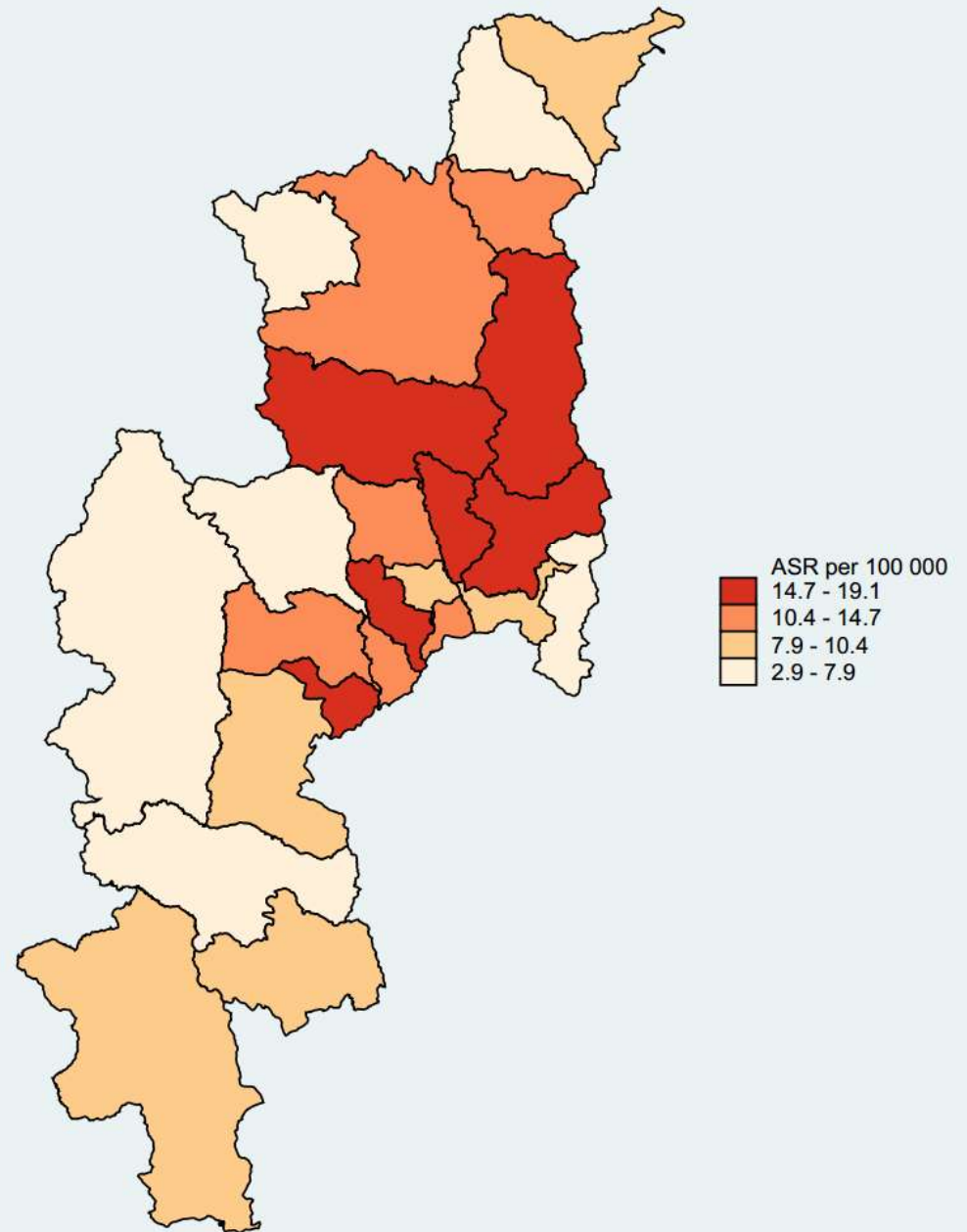


# Chiang Mai, 2008-2012

## Male liver cancer



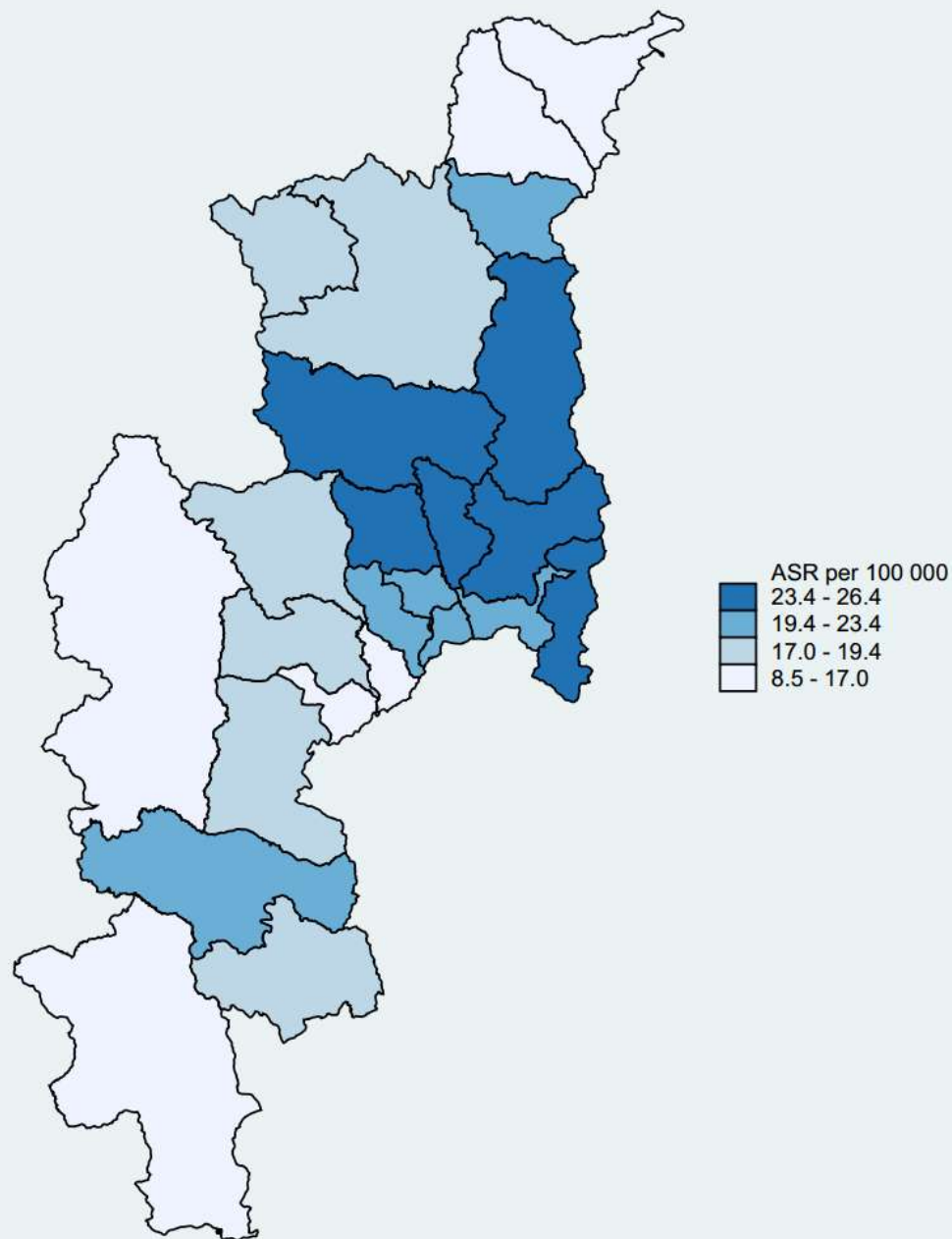
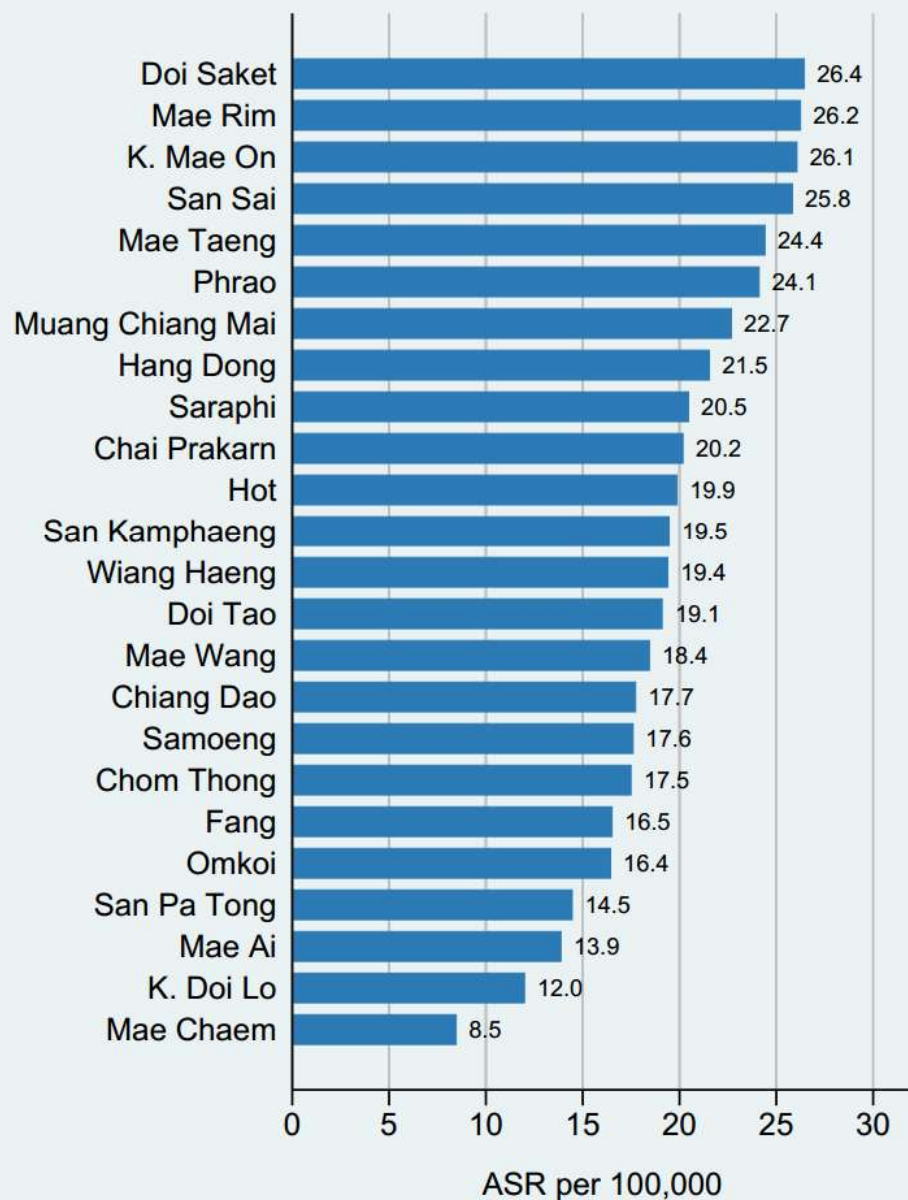
## Female liver cancer



# Liver cancer in Chiang Mai, 2008-2012

## Male HCC cancer

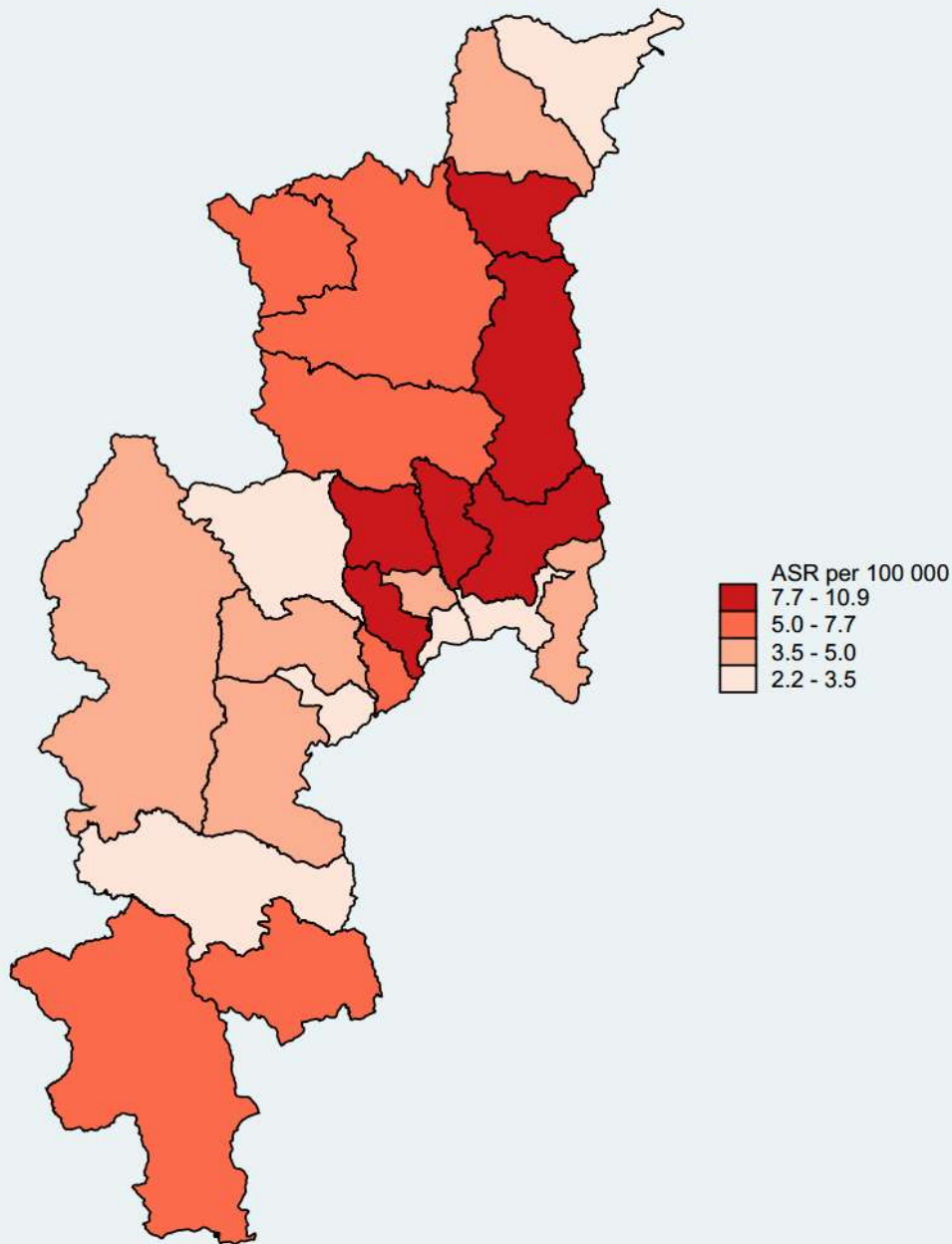
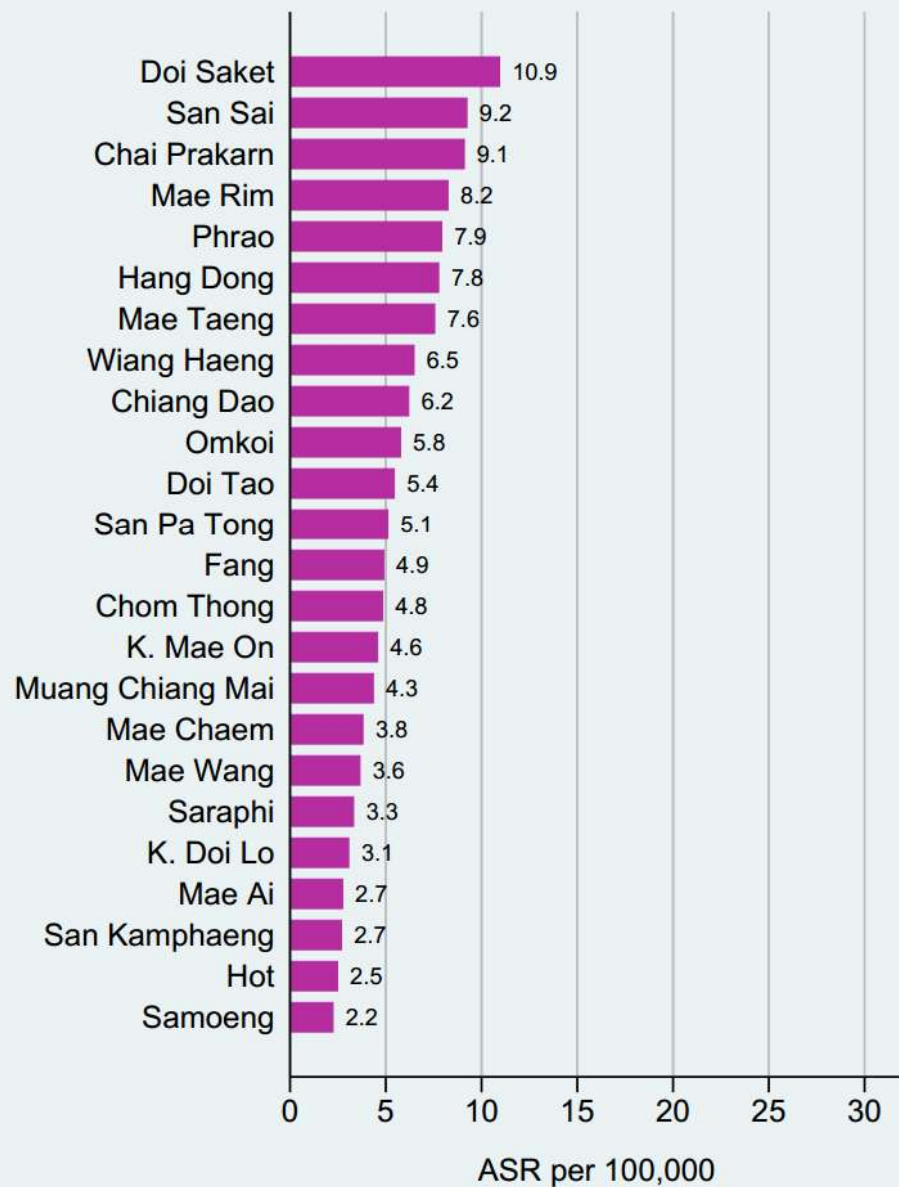
### Male



# Liver cancer in Chiang Mai, 2008-2012

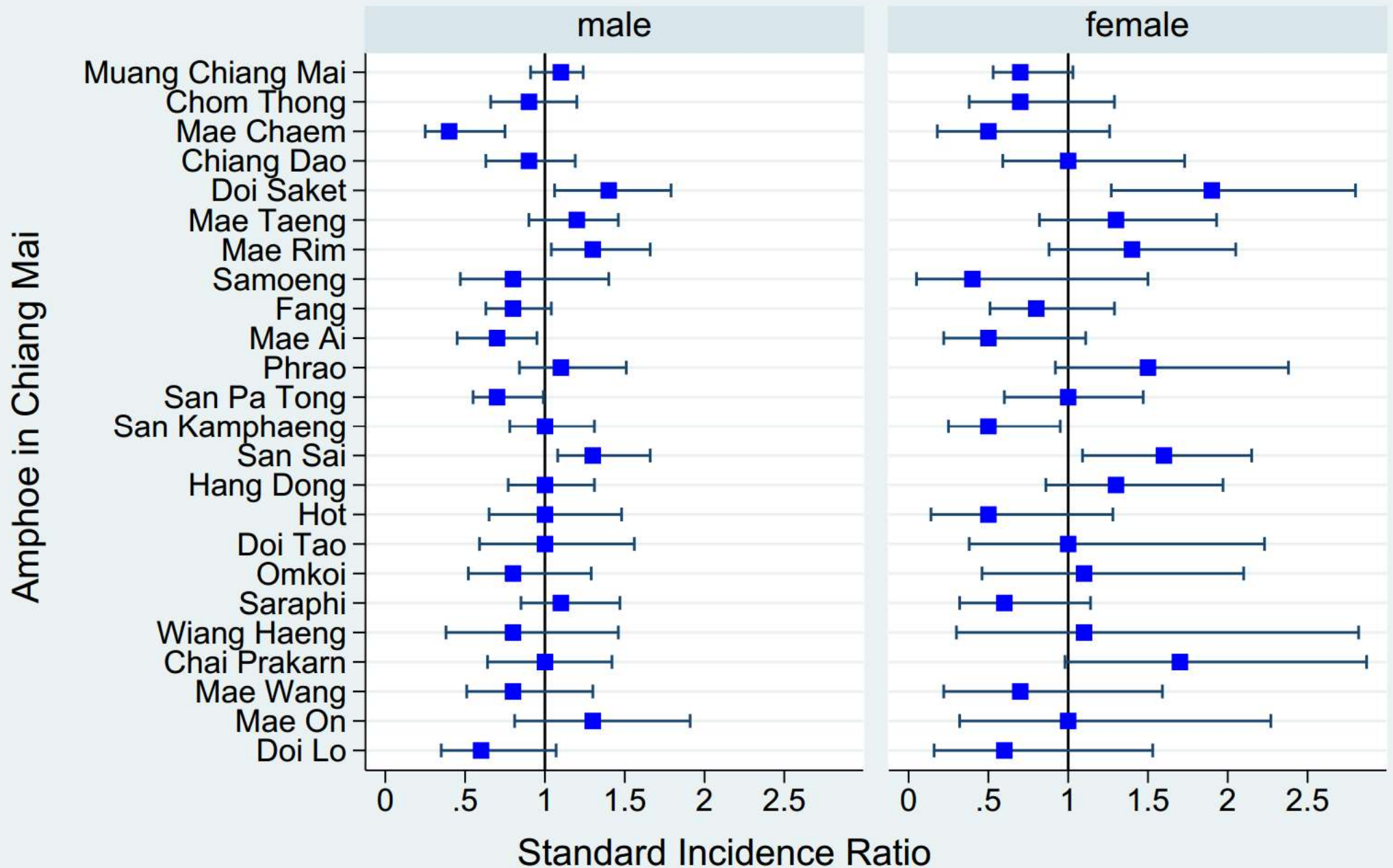
## Female HCC cancer

### Female





# SIR: HCC, 2008-2012

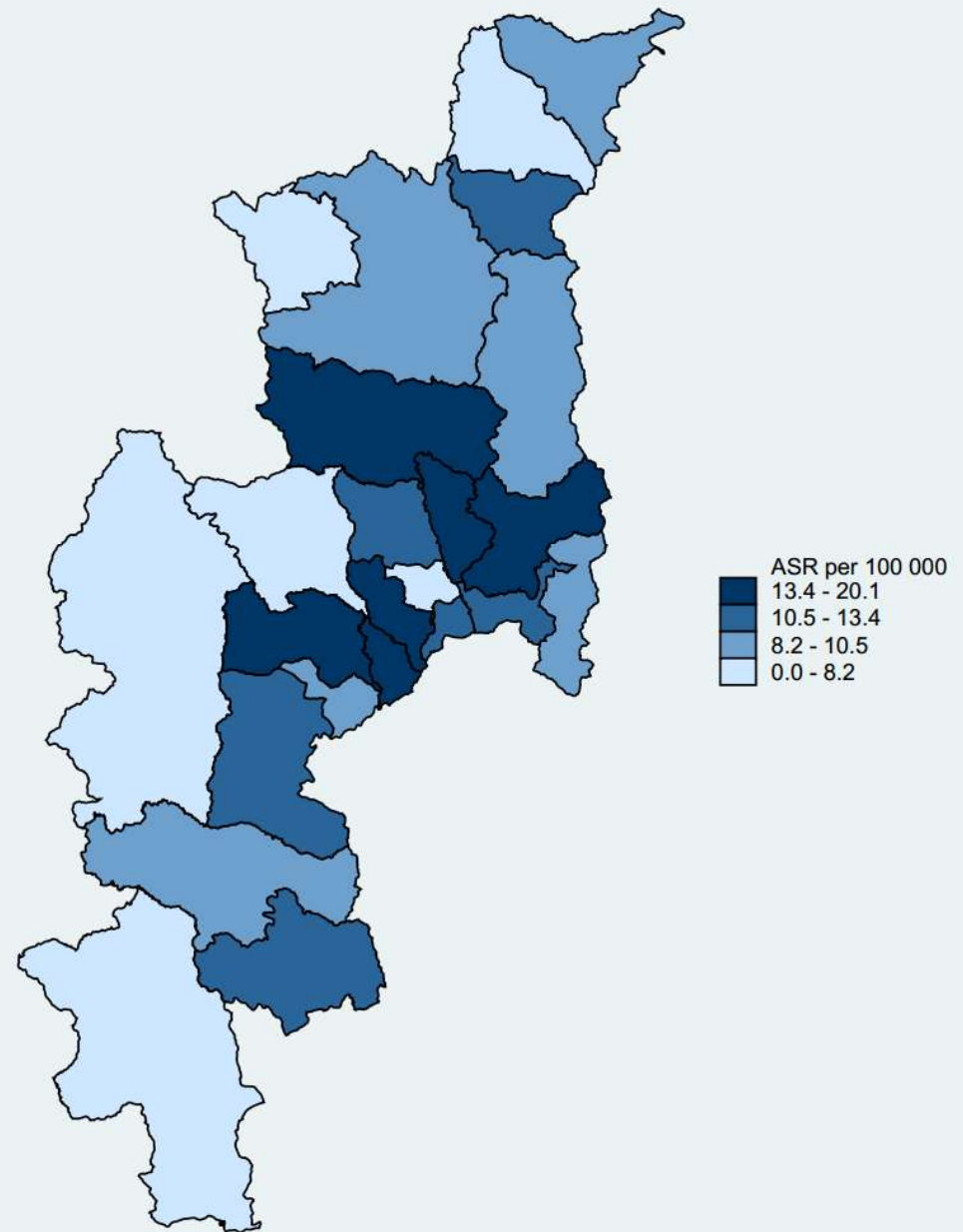
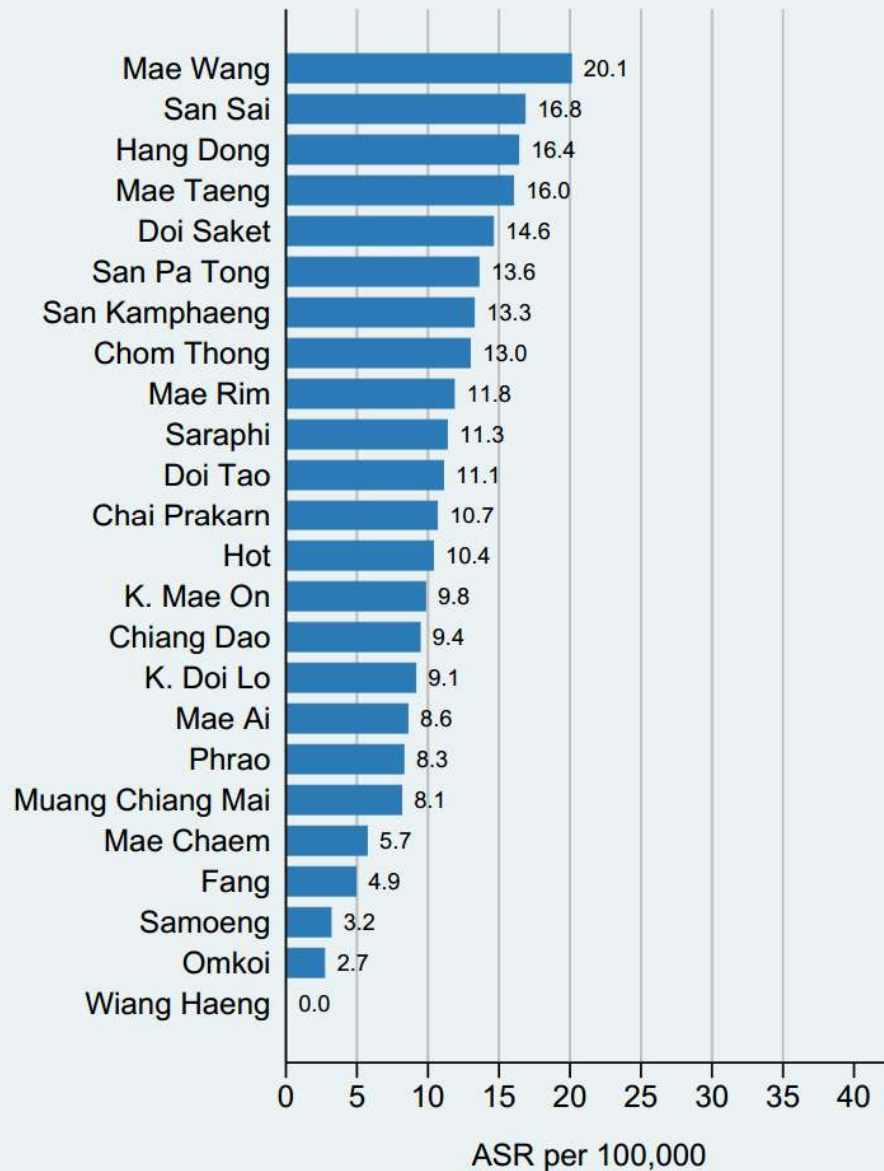


Compare to Mean Annual Incidence Rate of Chiang Mai

# Liver cancer in Chiang Mai, 2008-2012

## Male CCA cancer

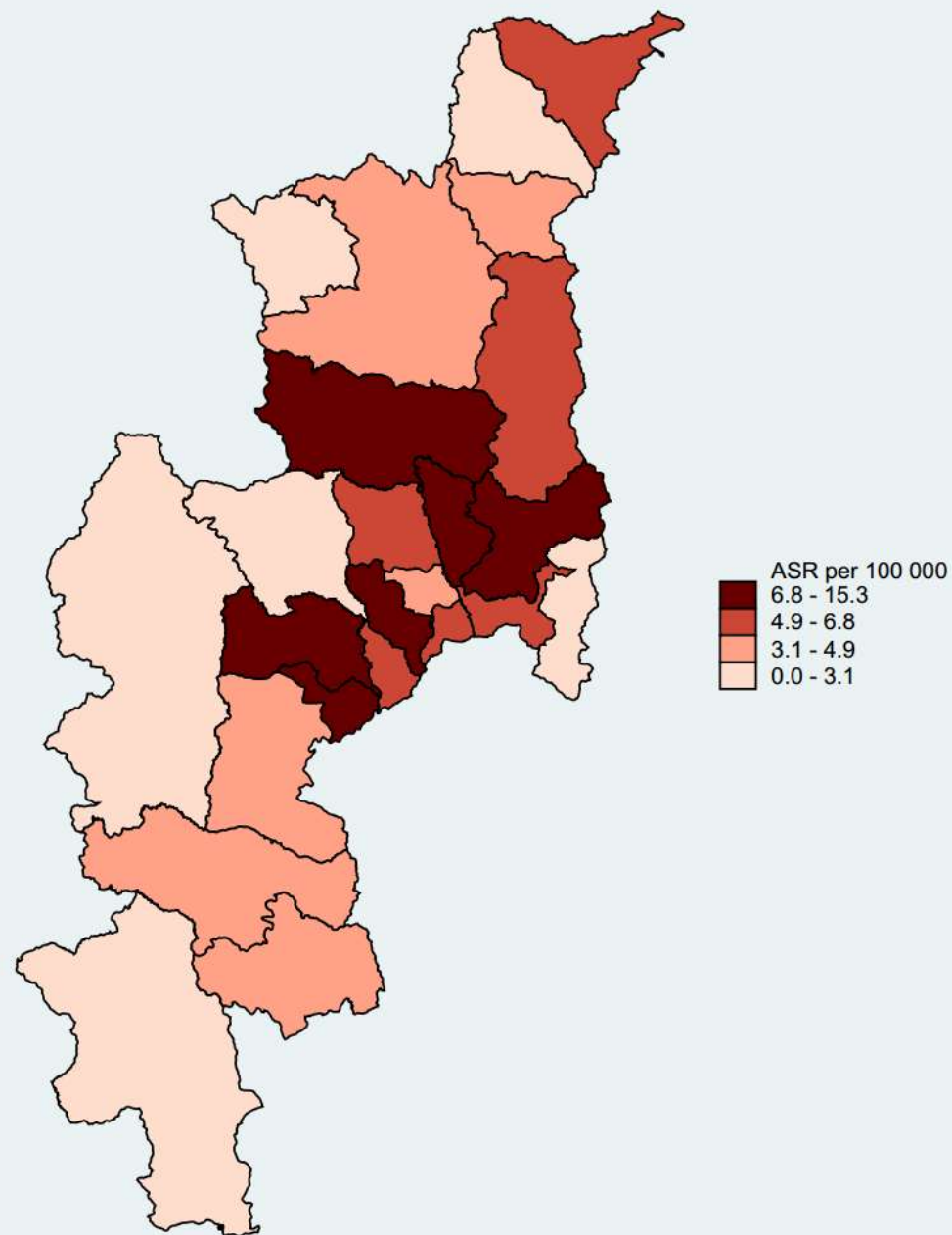
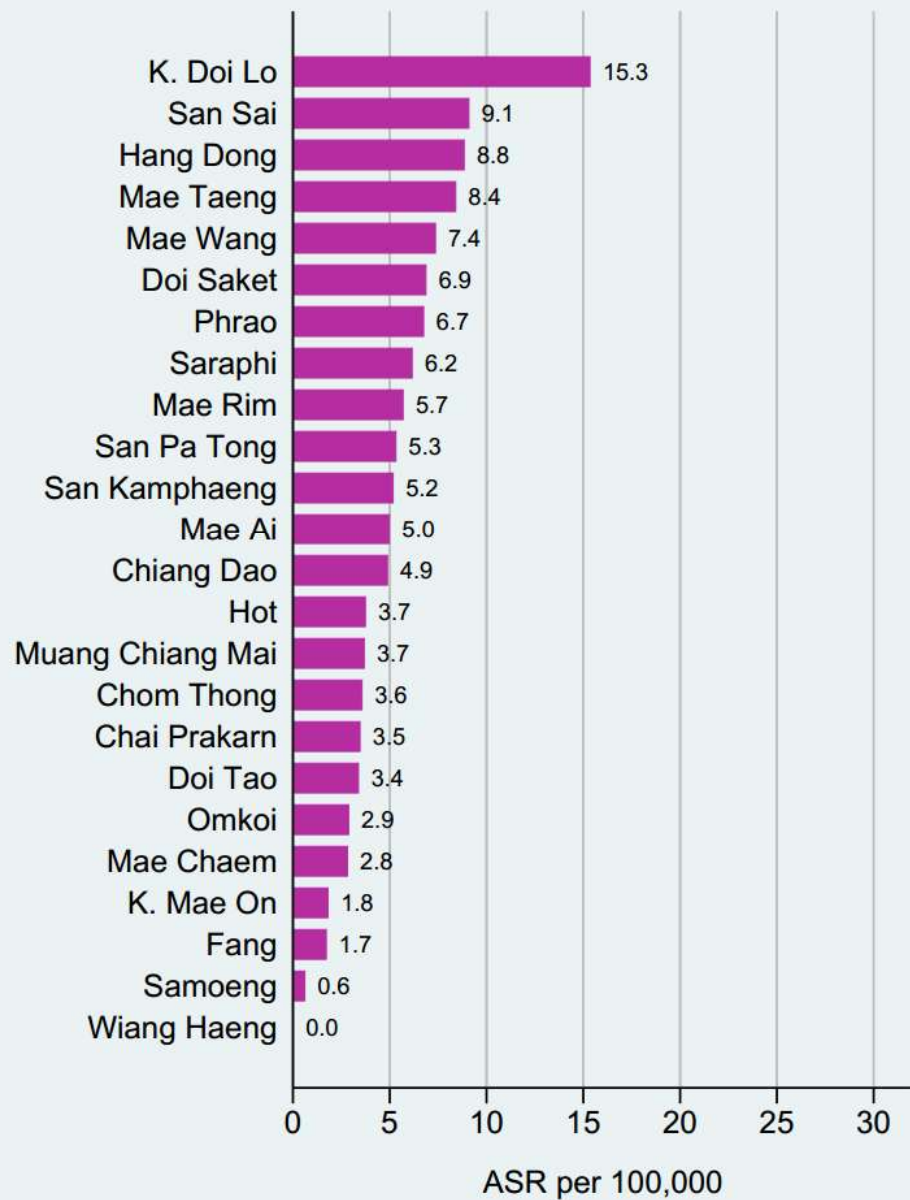
### Male



# Liver cancer in Chiang Mai, 2008-2012

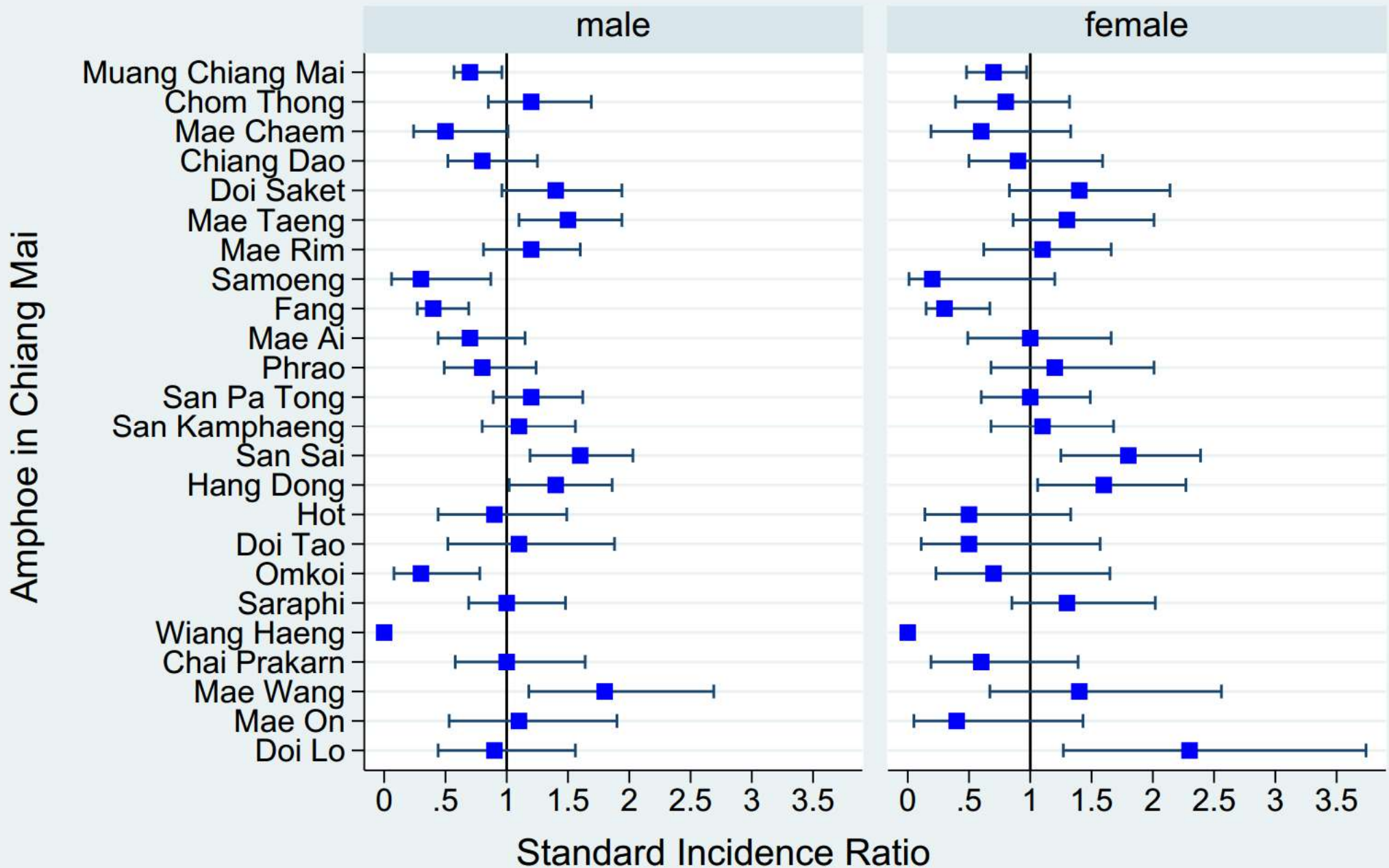
## Female CCA cancer

### Female





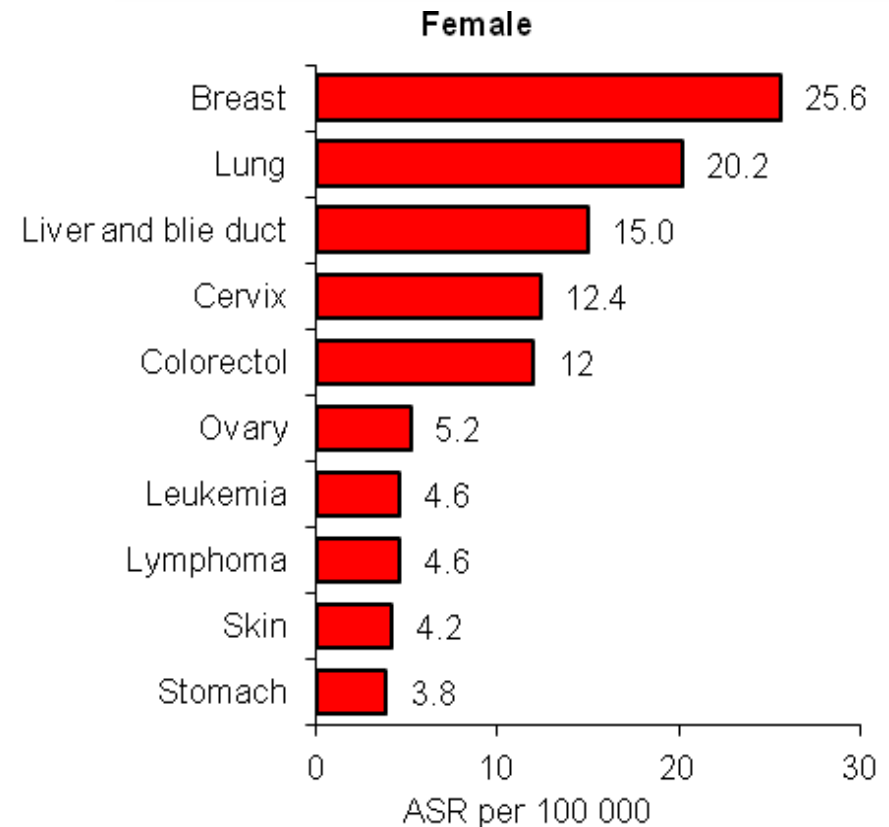
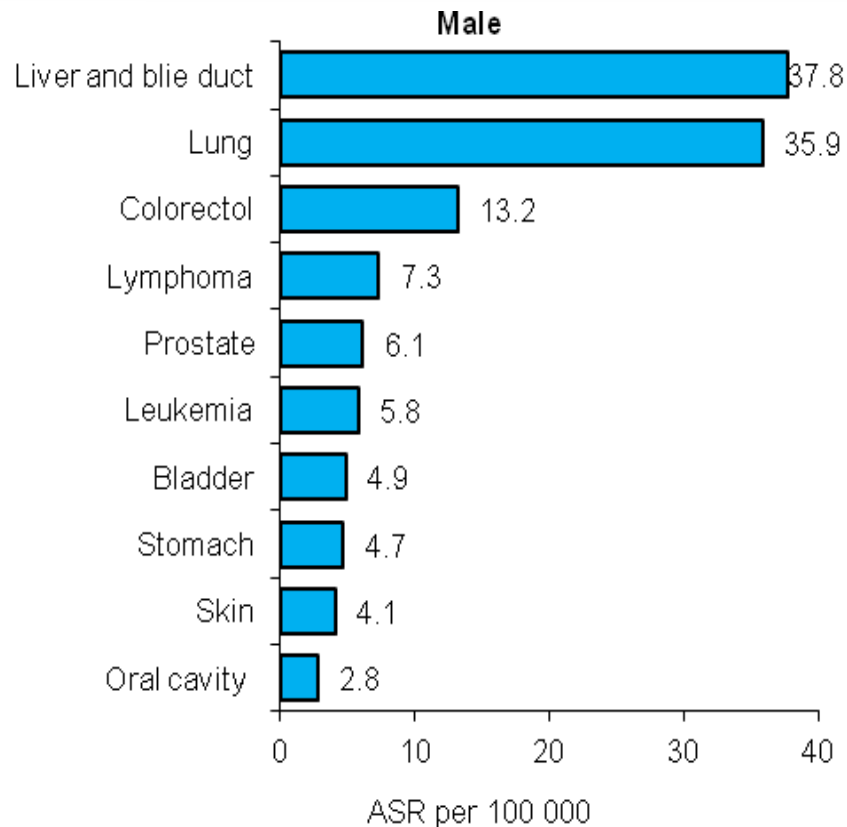
# SIR: CCA, 2008-2012



Compare to Mean Annual Incidence Rate of Chiang Mai



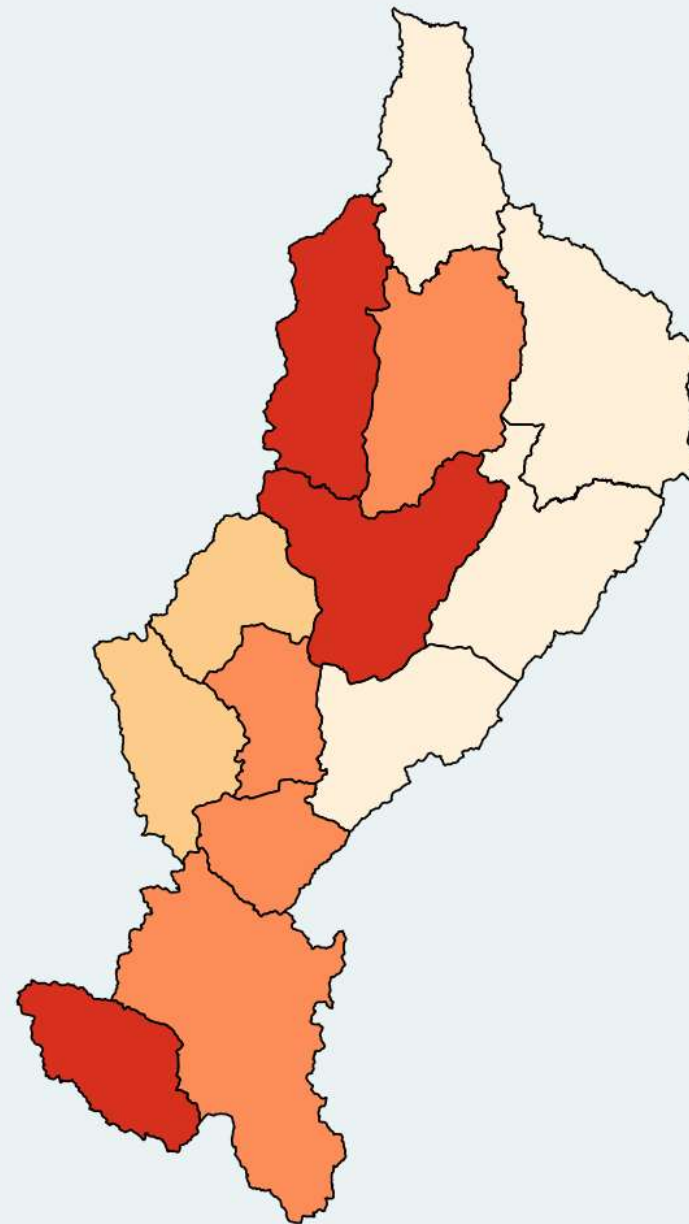
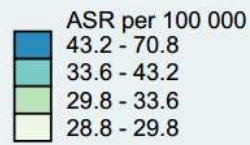
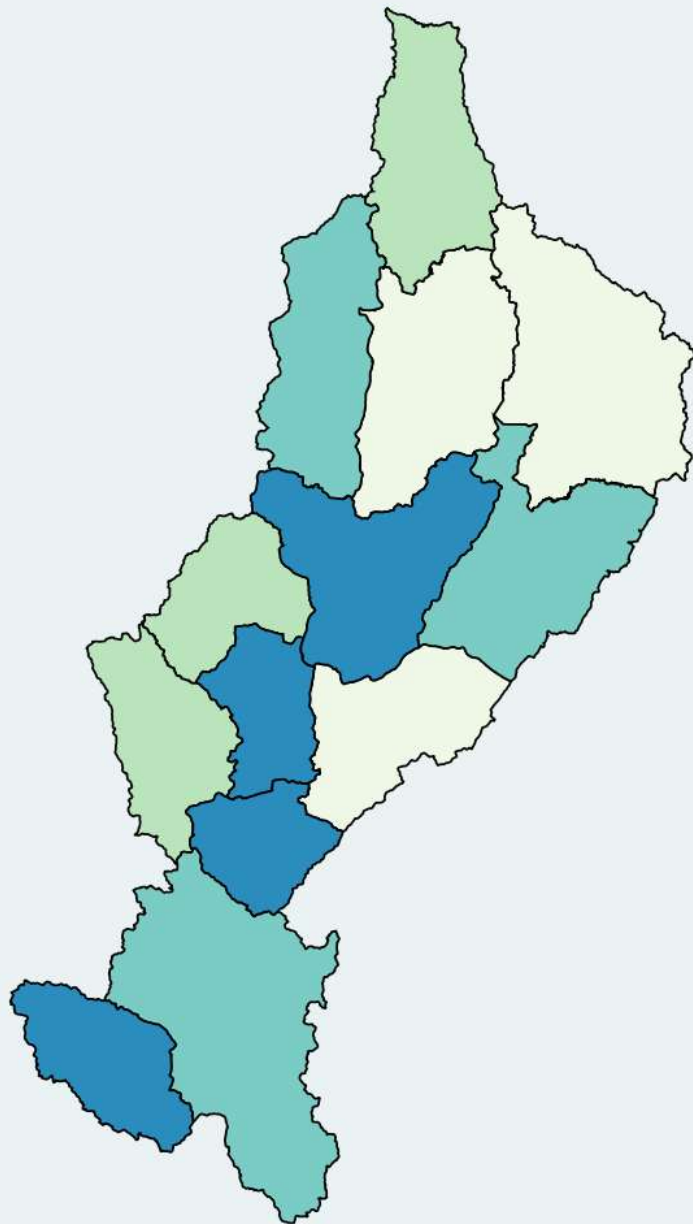
# อุบัติการณ์โรคมะเร็ง จ.ลำปาง ปีพ.ศ. 2551-2555



# Lampang, 2008-2012

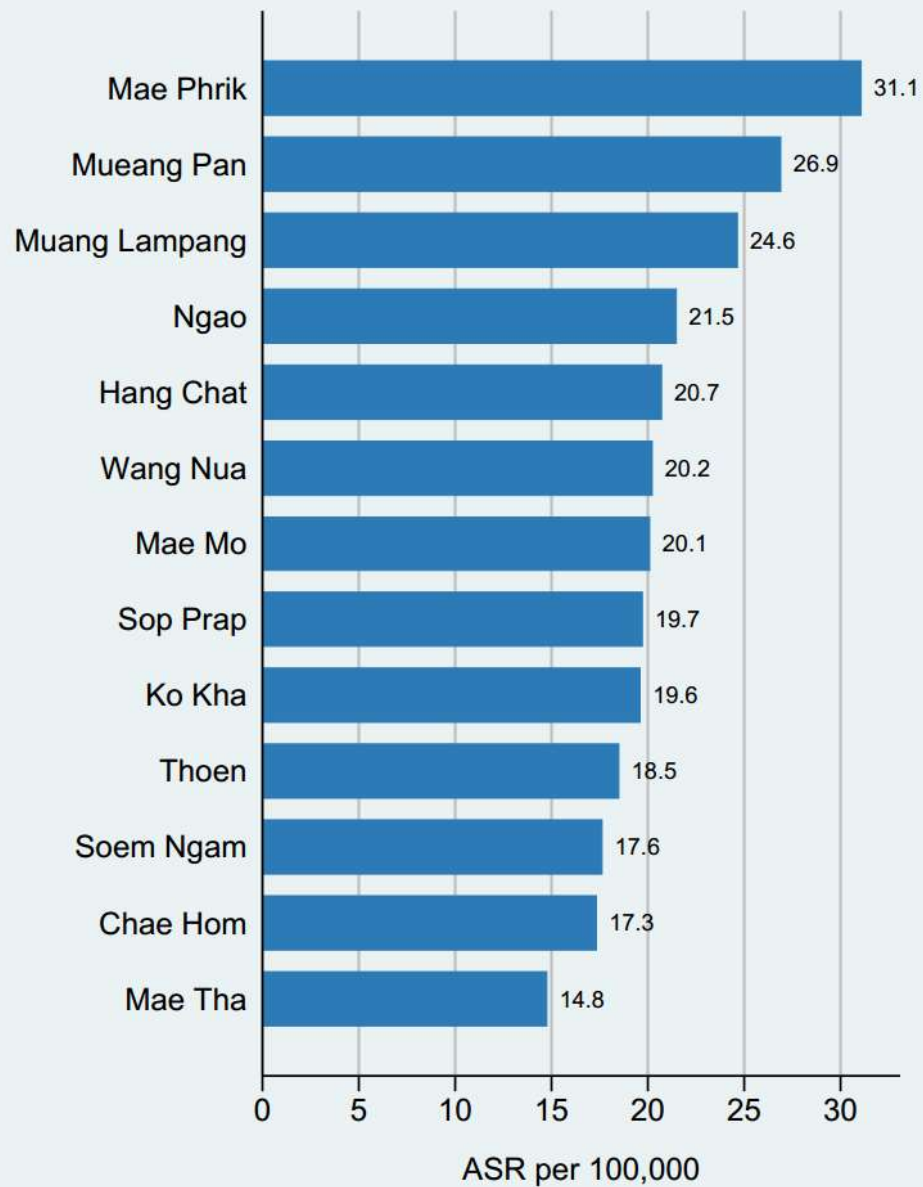
## Male liver cancer

## Female liver cancer

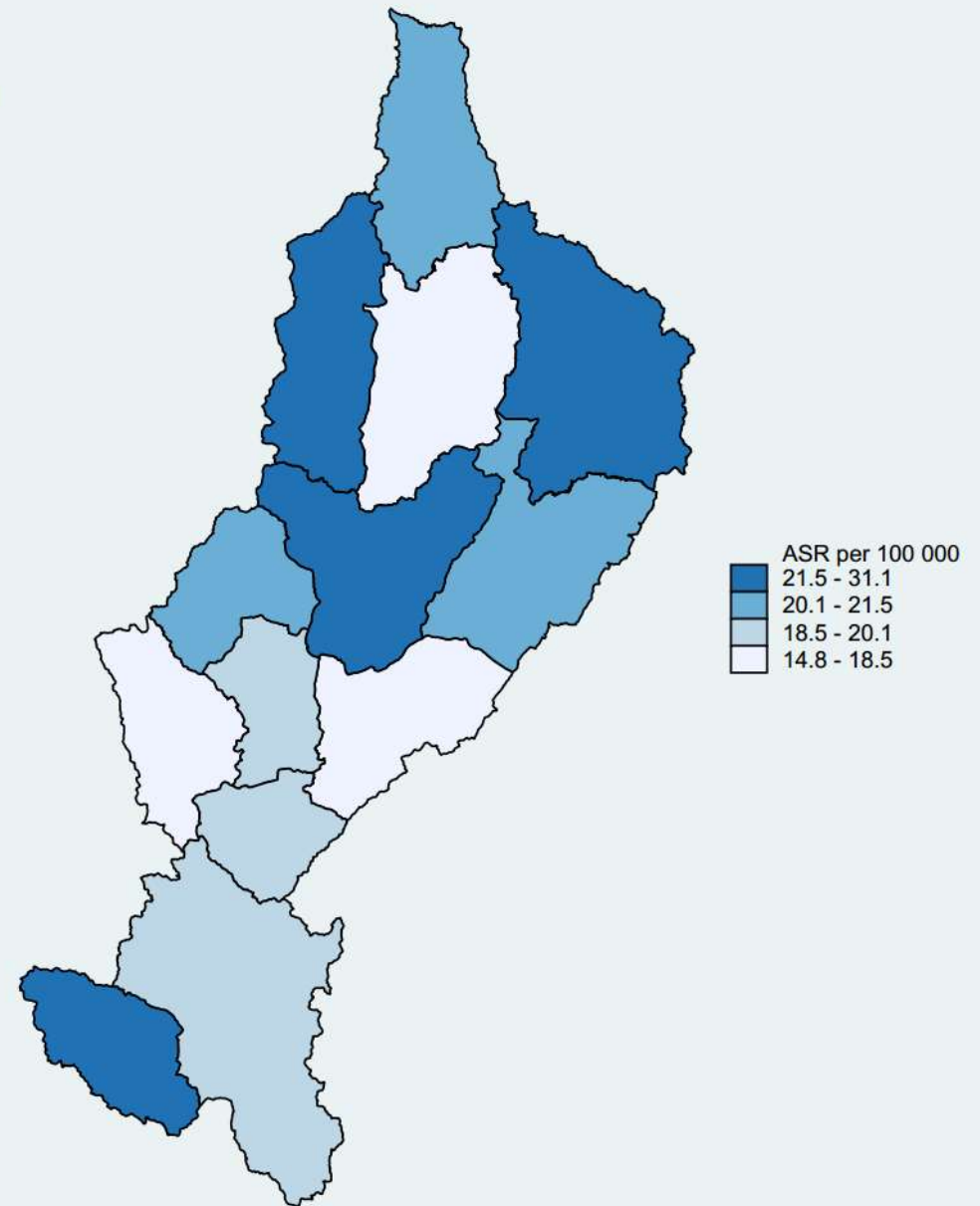


# Liver cancer in Lampang, 2008-2012

## Male

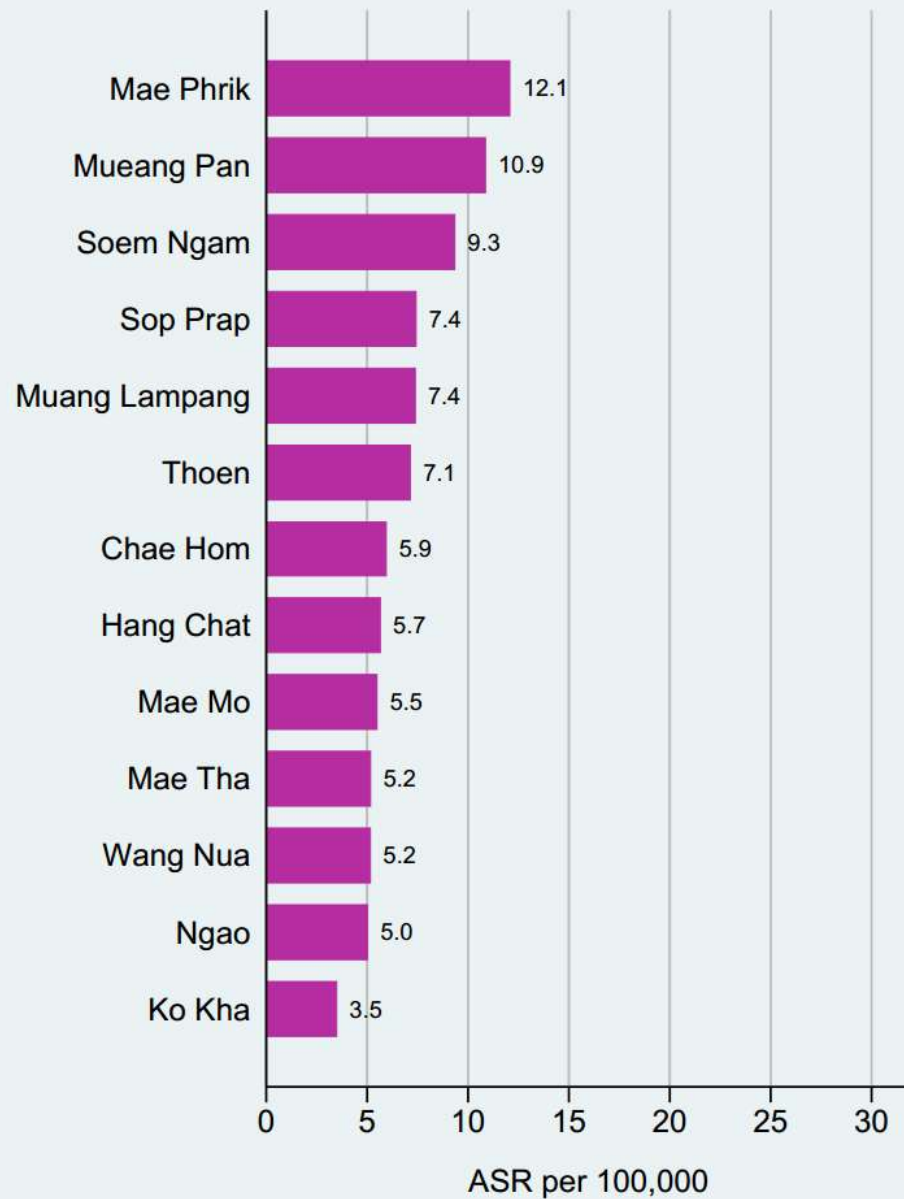


## Male HCC cancer

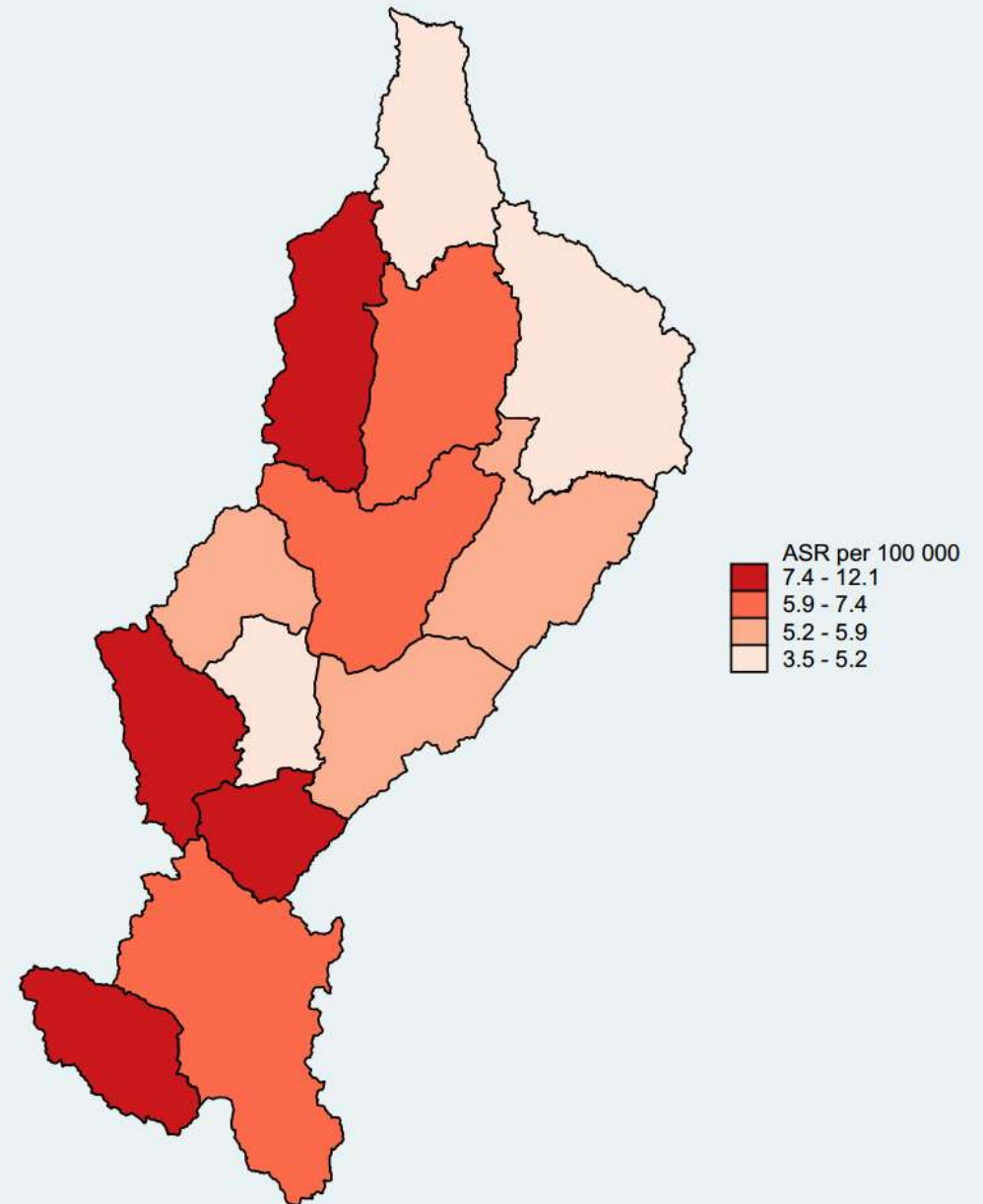


# Liver cancer in Lampang, 2008-2012

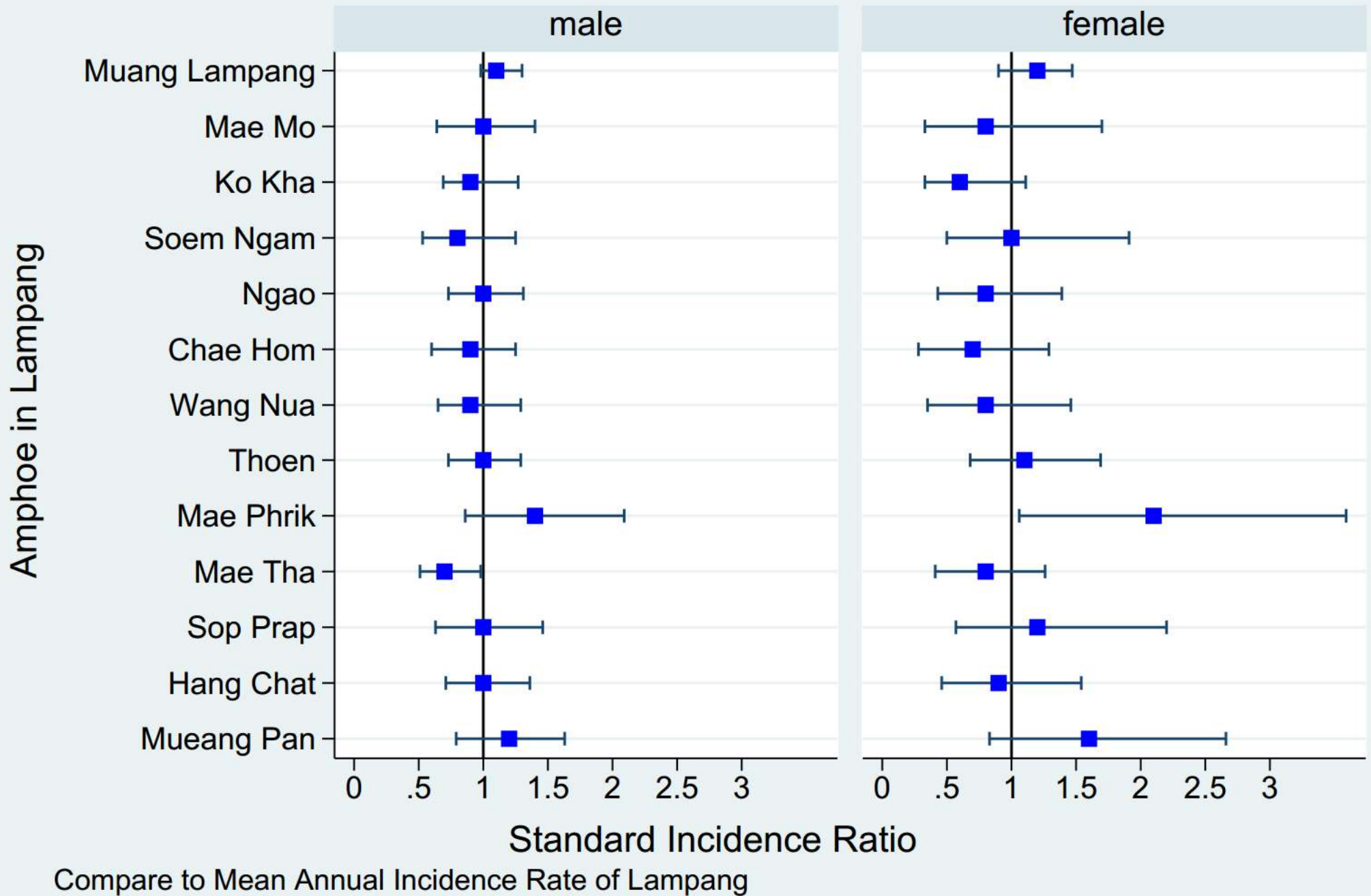
## Female



## Female HCC cancer



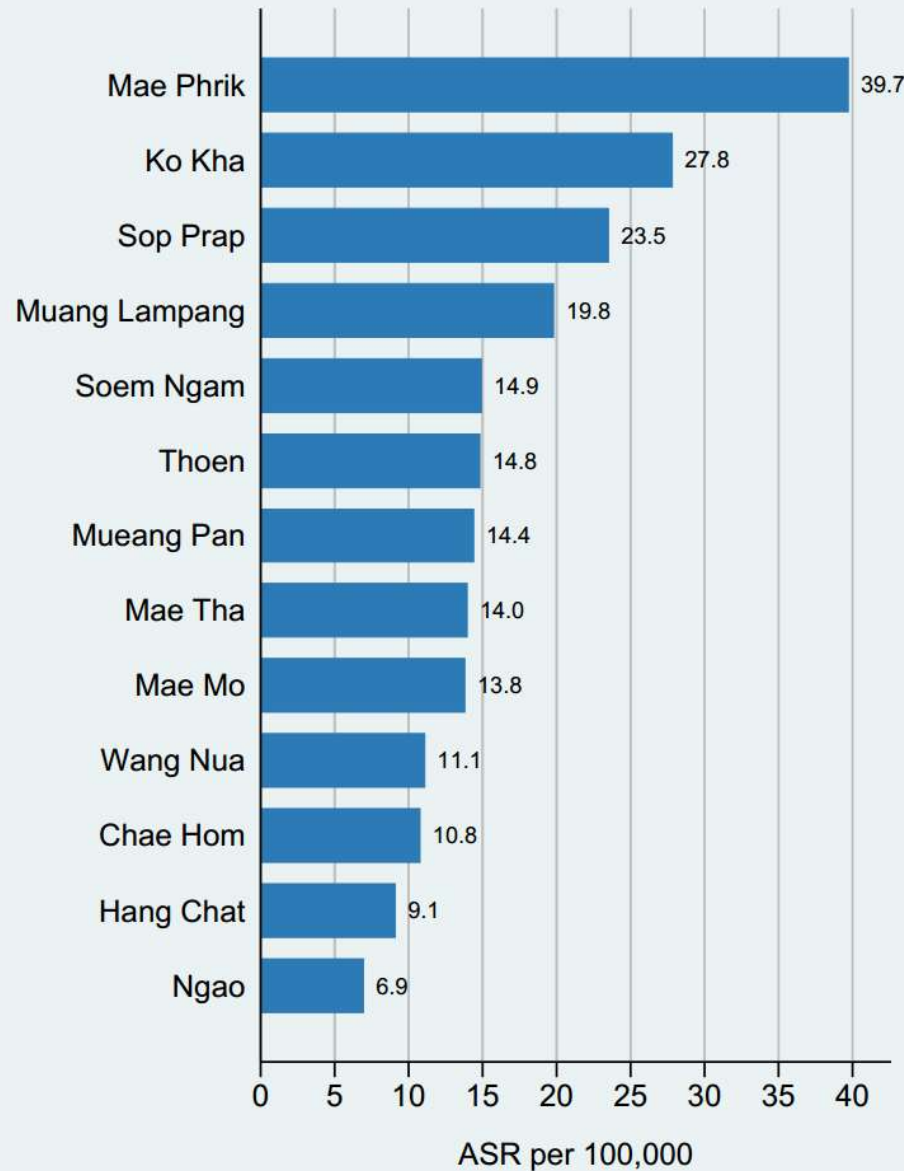
# SIR: HCC, 2008-2012



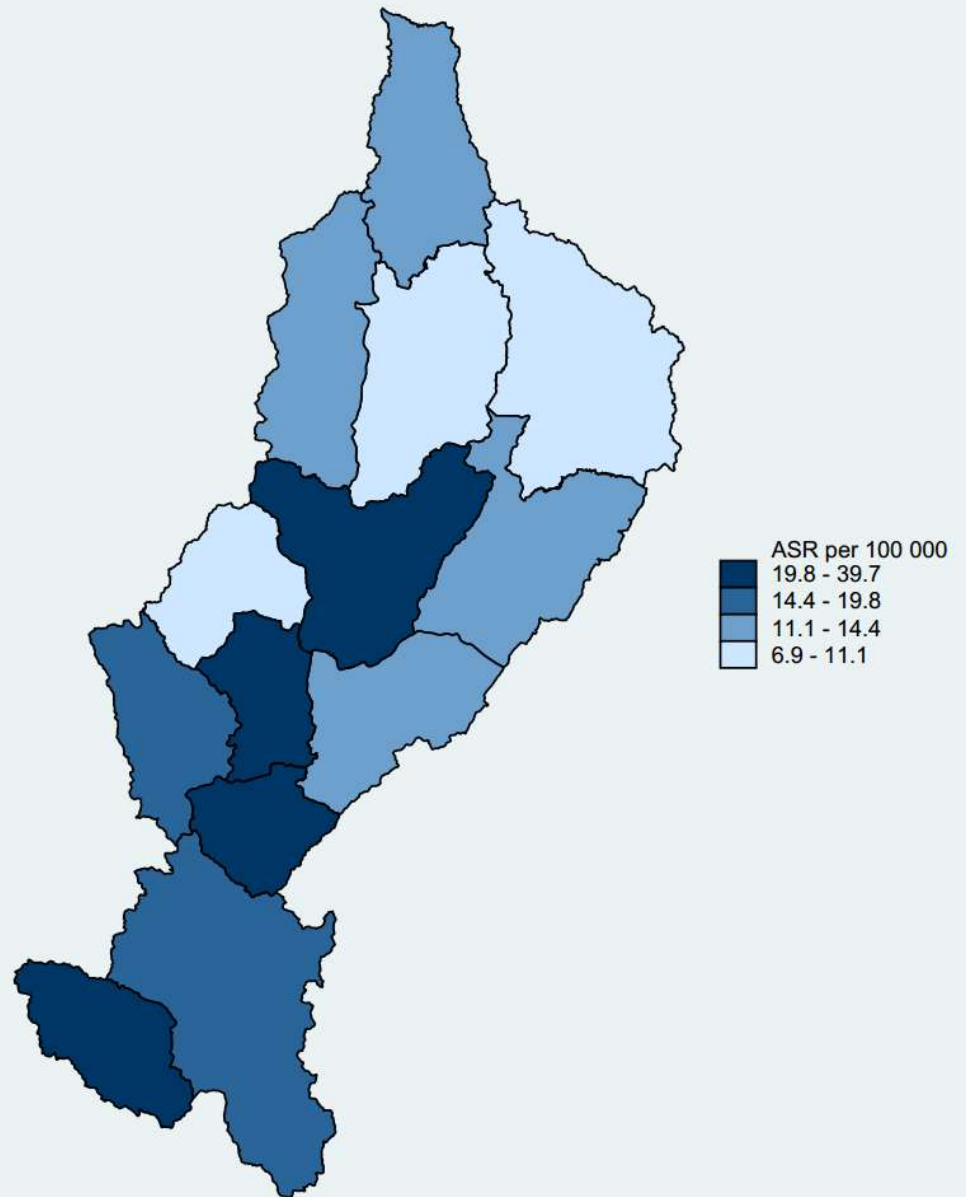


# Liver cancer in Lampang, 2008-2012

## Male

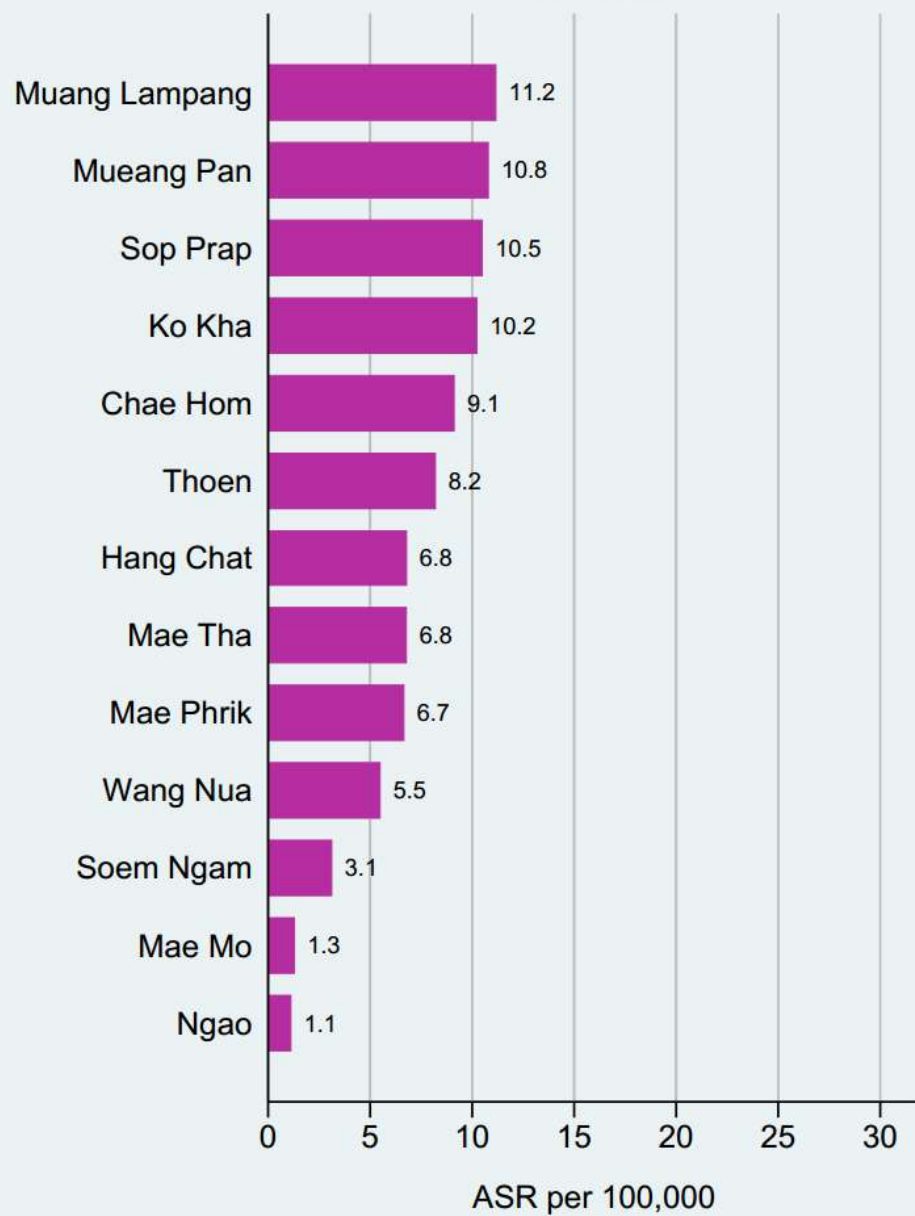


## Male CCA cancer

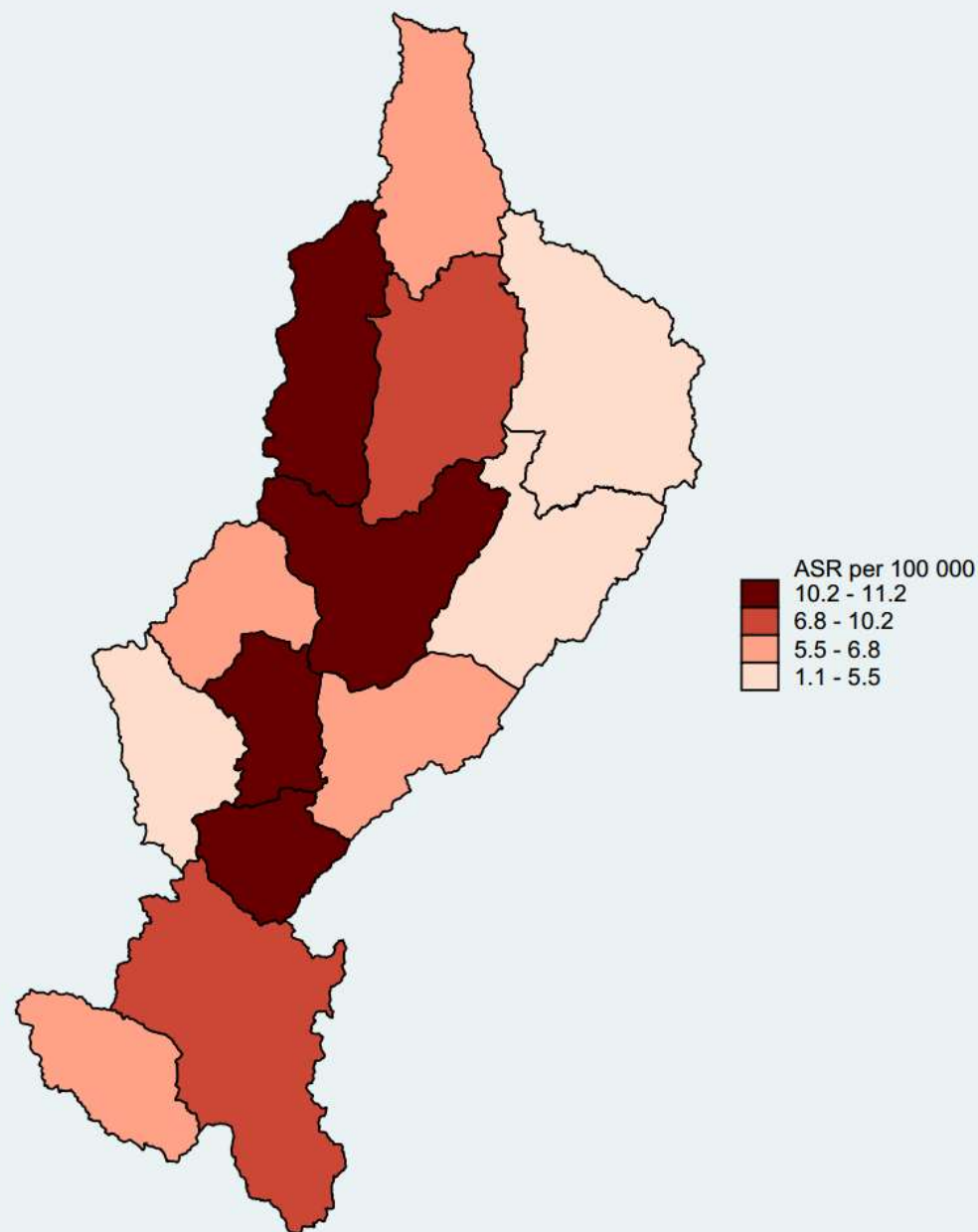


# Liver cancer in Lampang, 2008-2012

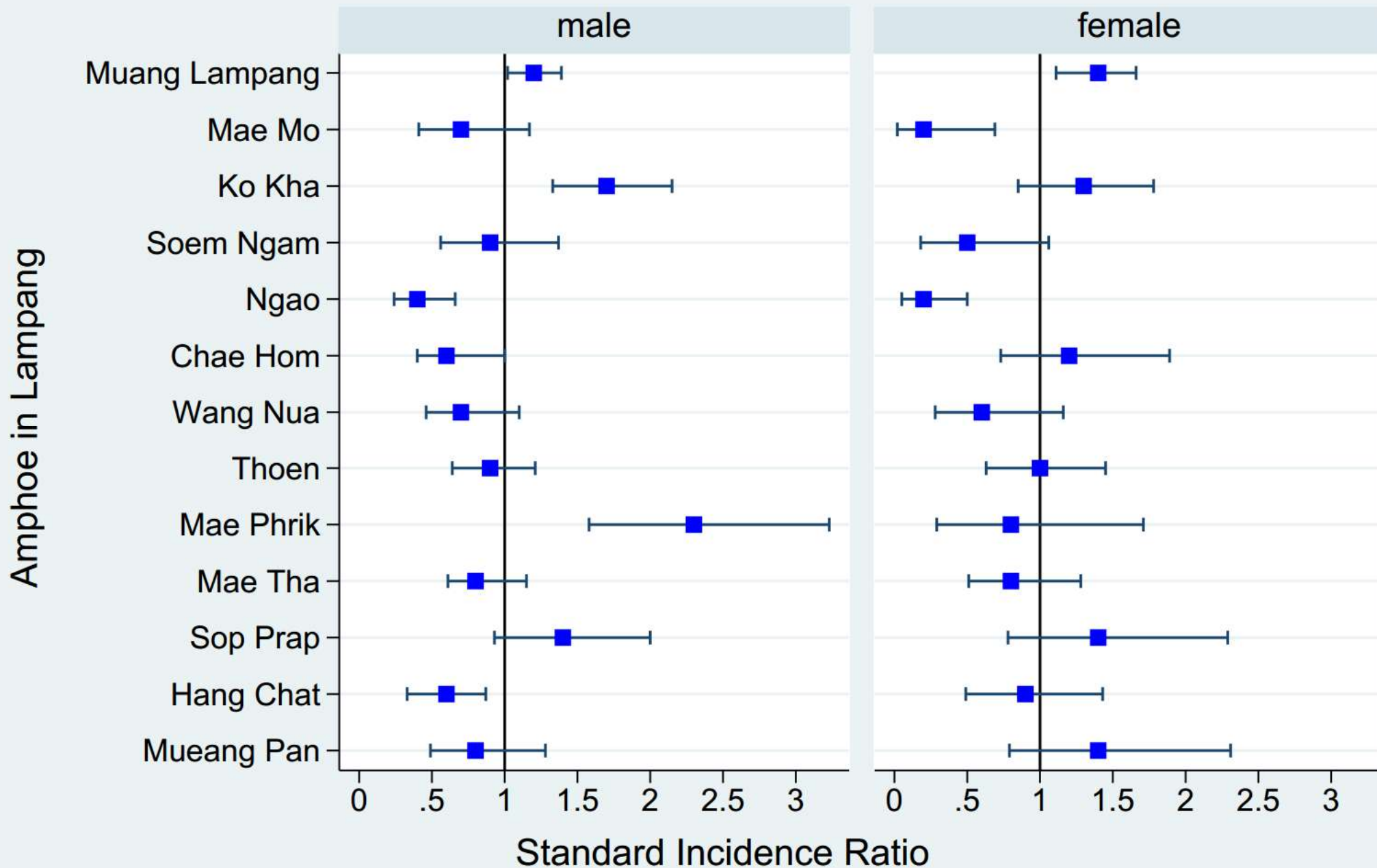
## Female



## Female CCA cancer

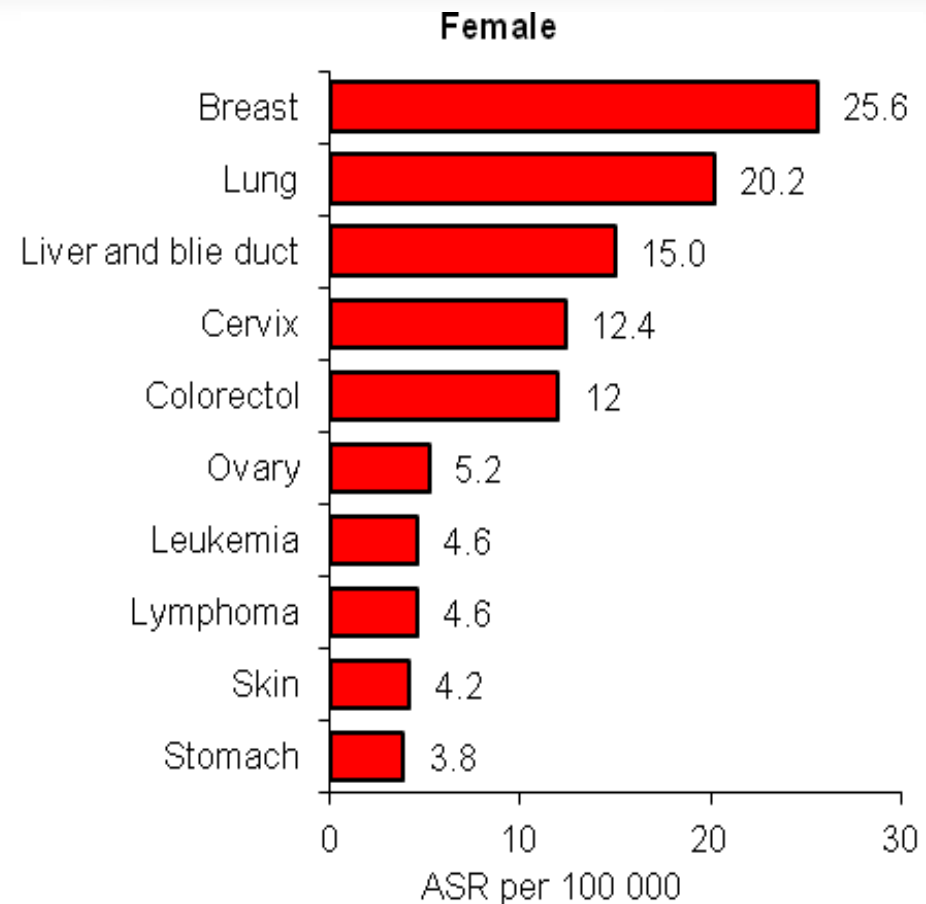
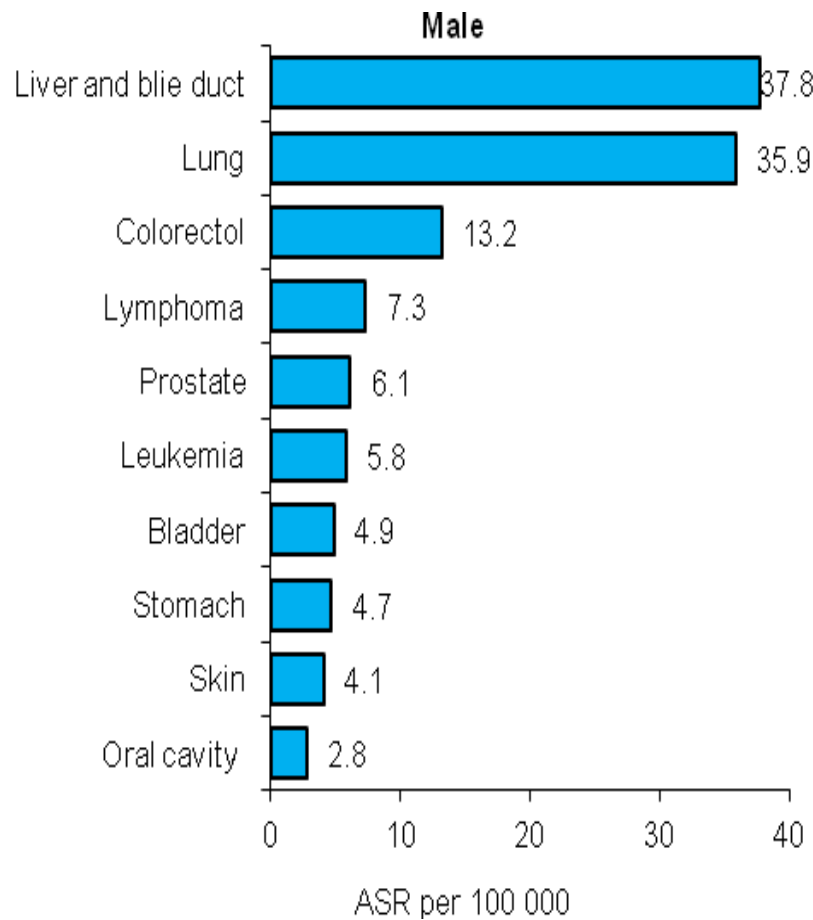


# SIR: CCA, 2008-2012



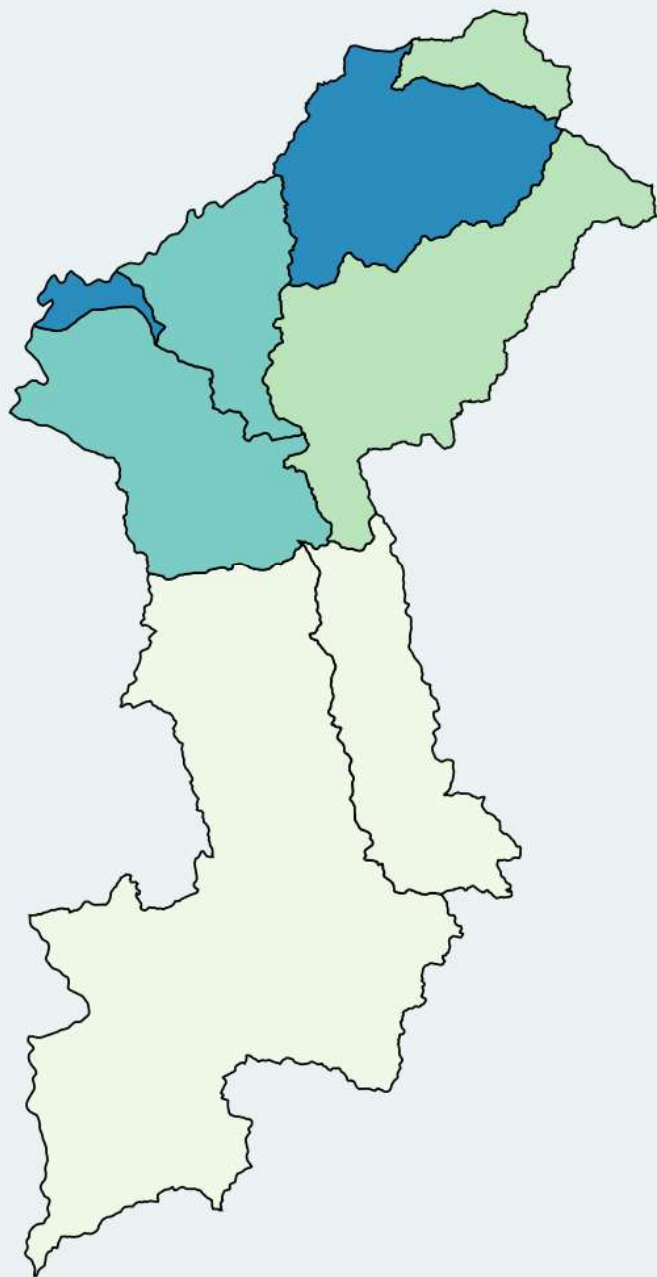
Compare to Mean Annual Incidence Rate of Lampang

# อุบัติการณ์โรคมะเร็ง จ.ลำพูน ปีพ.ศ. 2551-2555



# Lamphun, 2008-2012

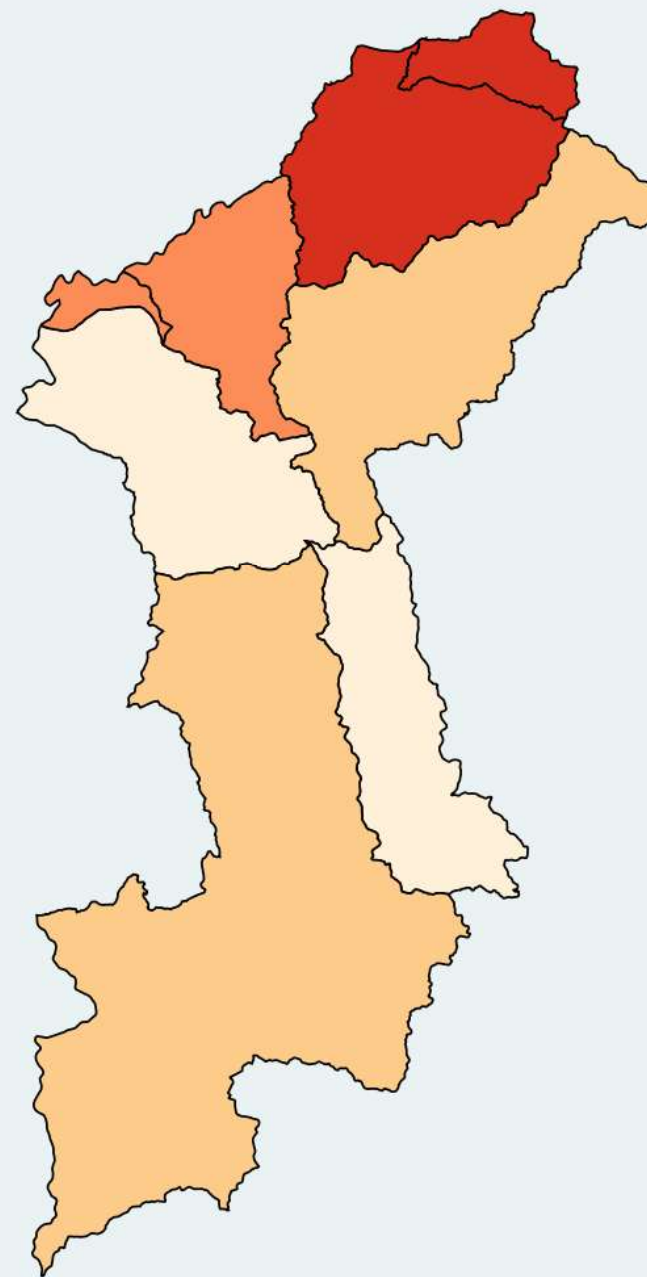
## Male liver cancer



ASR per 100 000

- 39.3 - 39.8
- 30.9 - 39.3
- 23.7 - 30.9
- 4.5 - 23.7

## Female liver cancer



ASR per 100 000

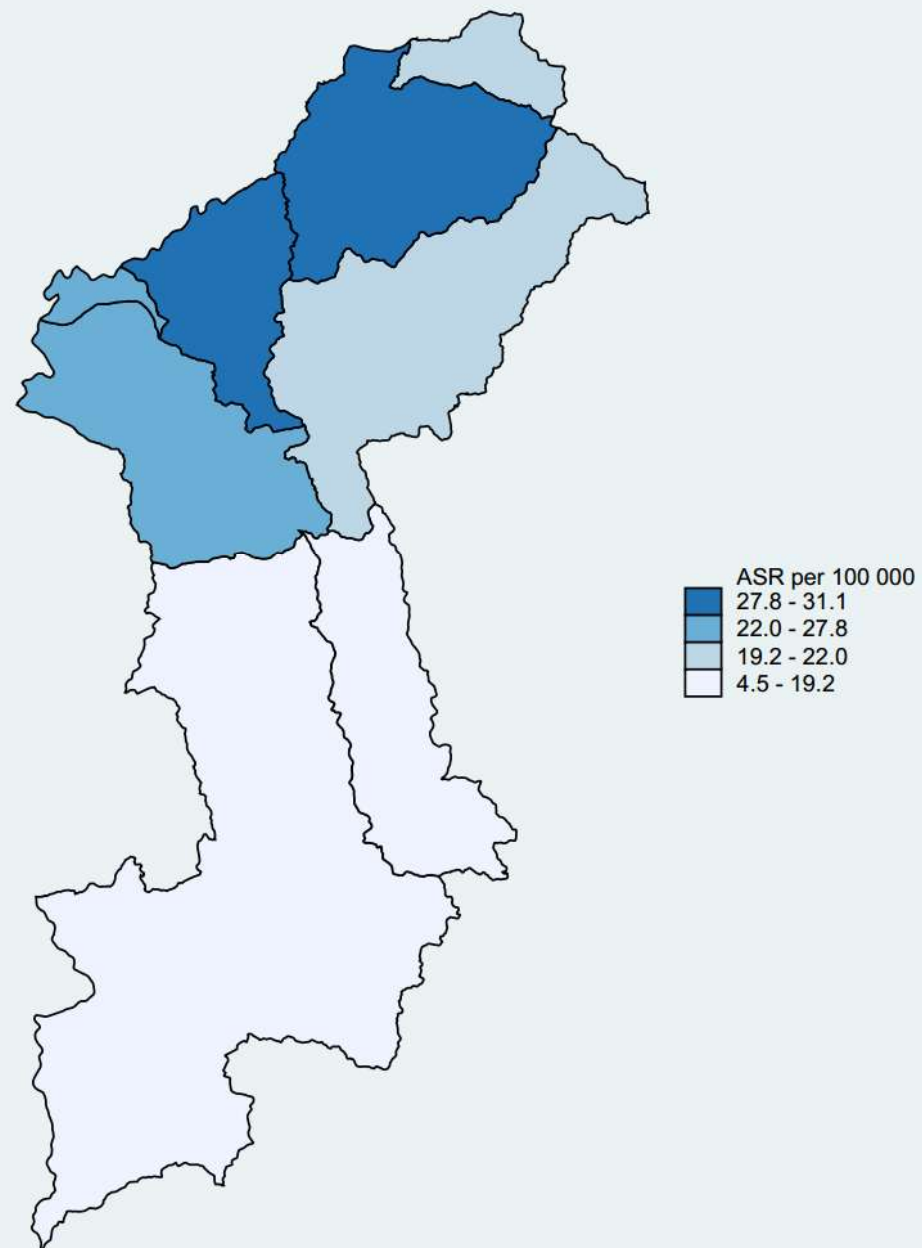
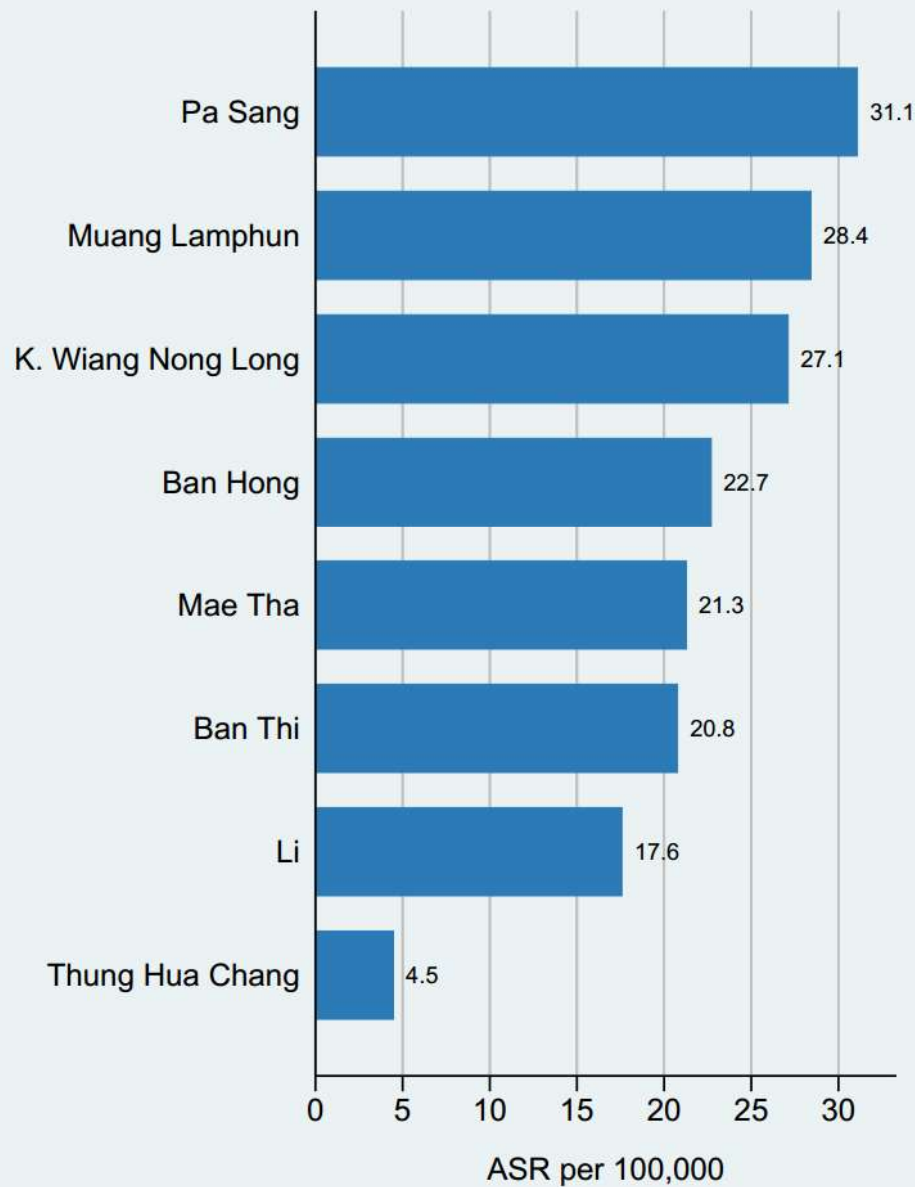
- 10.7 - 13.6
- 9.8 - 10.7
- 8.7 - 9.8
- 7.9 - 8.7



# Liver cancer in Lamphun, 2008-2012

## Male HCC cancer

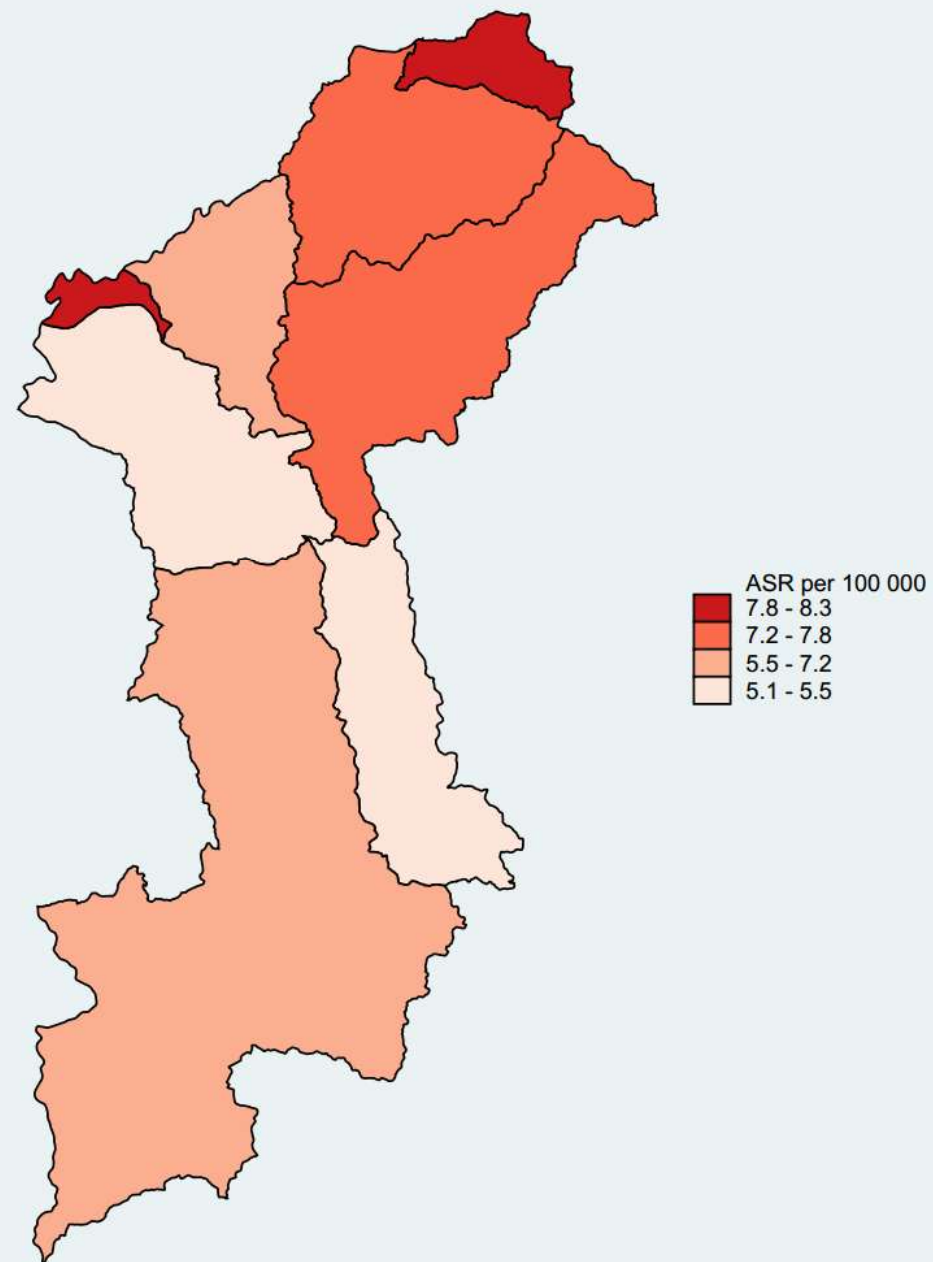
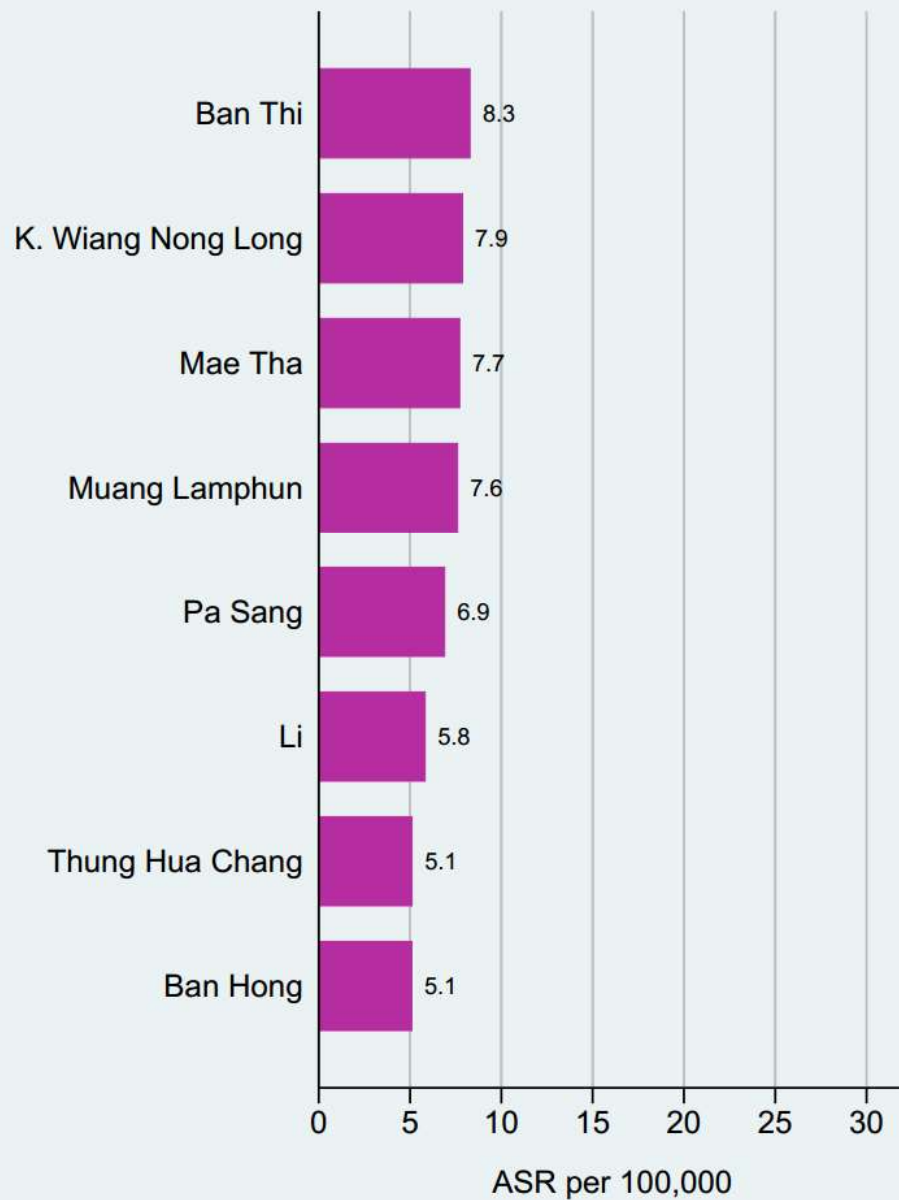
### Male



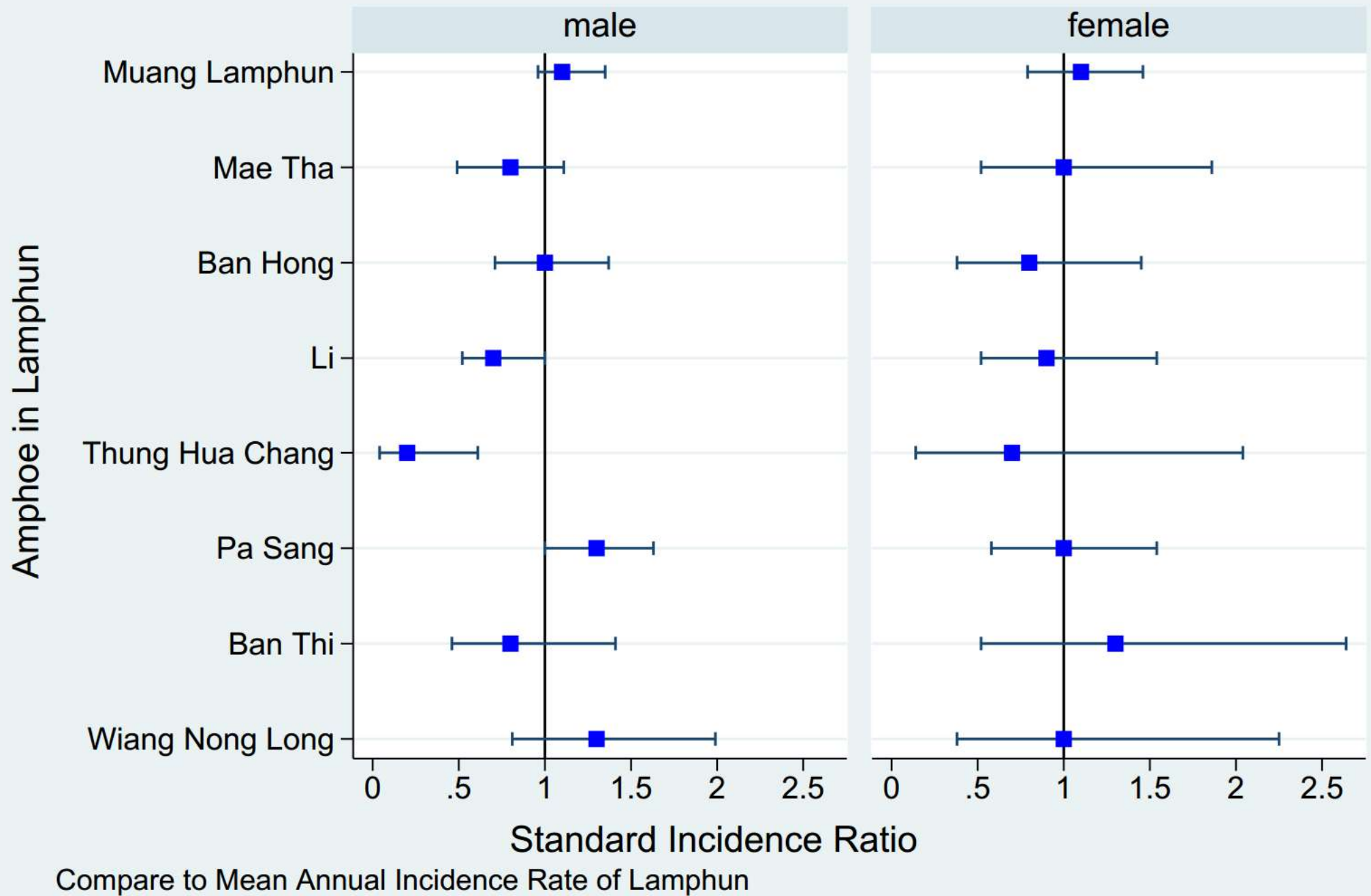
# Liver cancer in Lamphun, 2008-2012

## Female HCC cancer

### Female



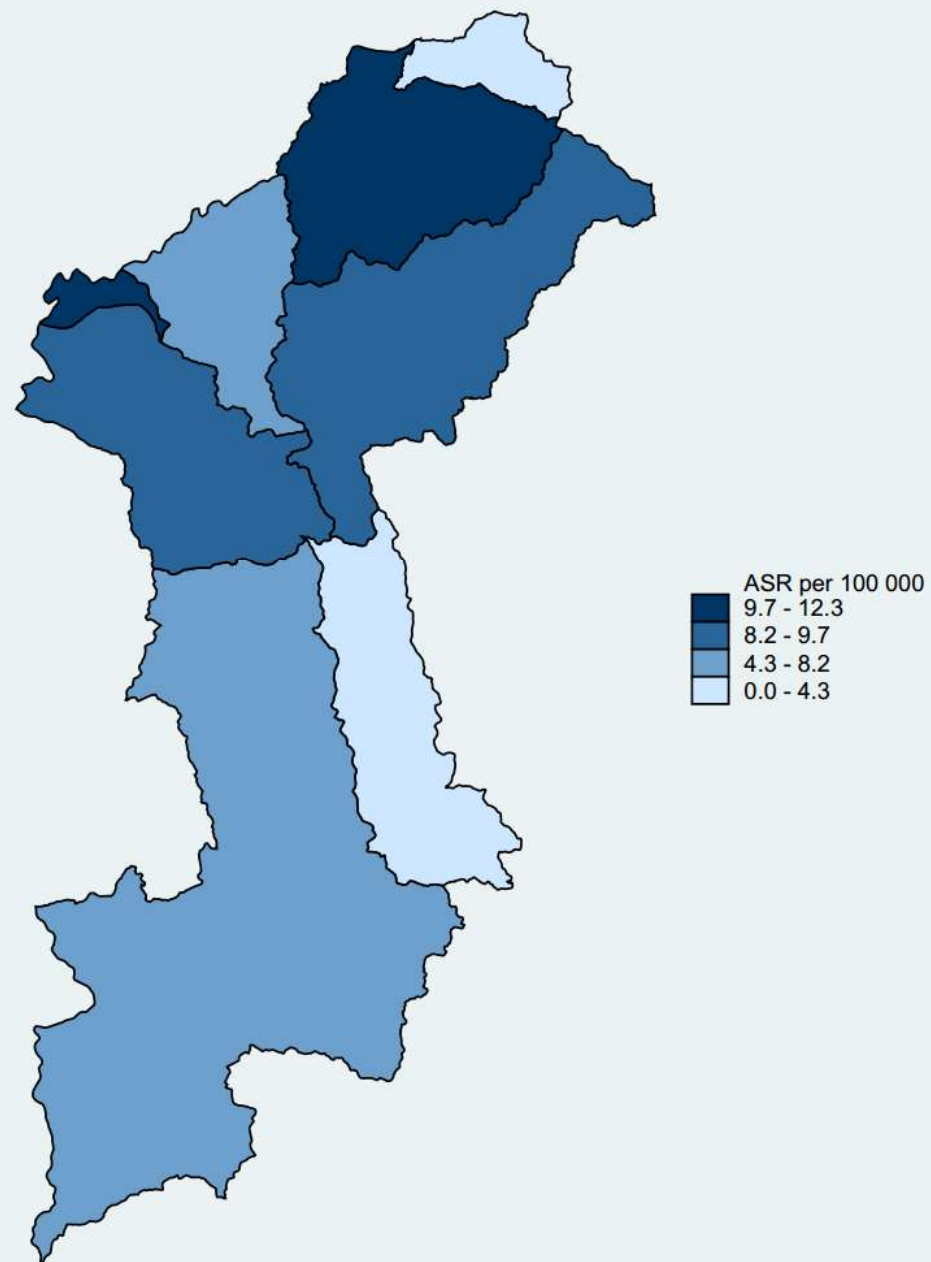
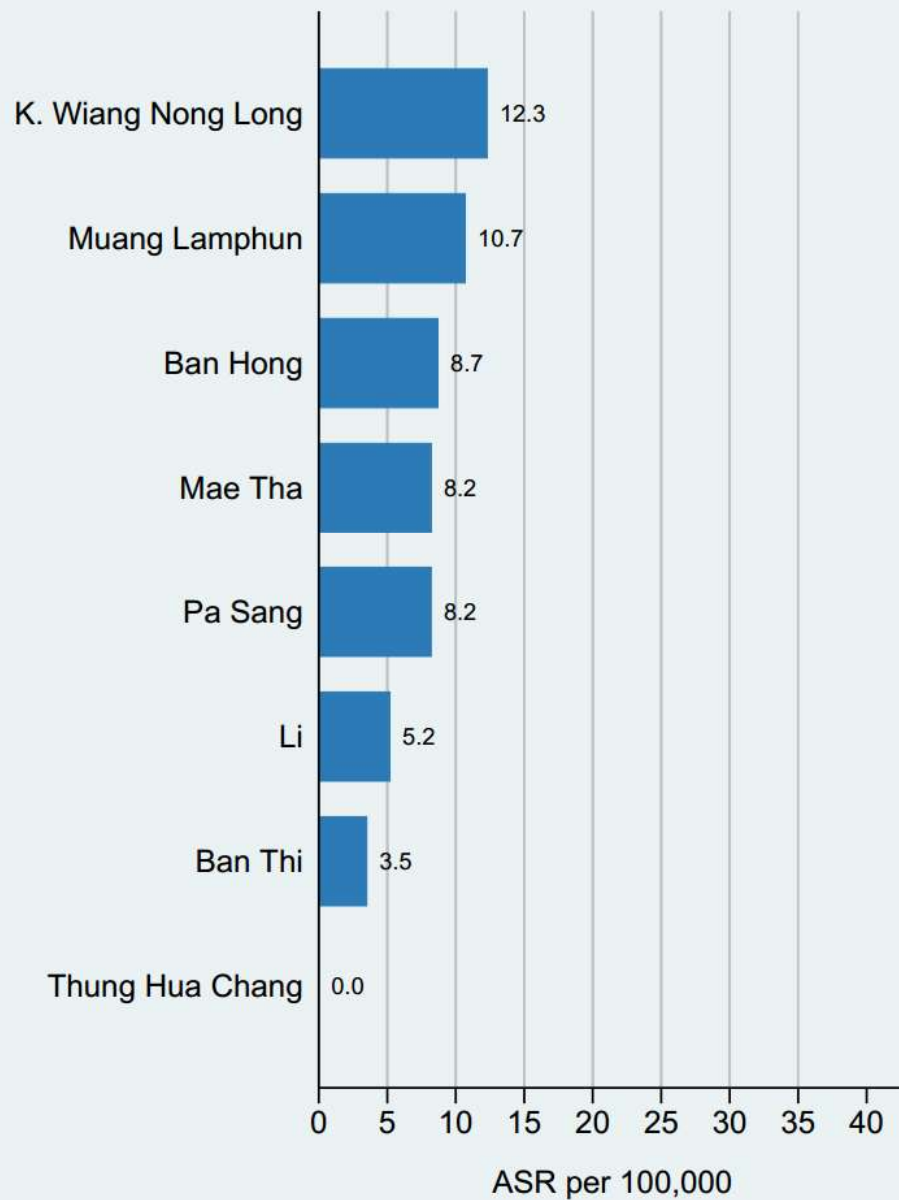
# SIR: HCC, 2008-2012



# Liver cancer in Lamphun, 2008-2012

## Male CCA cancer

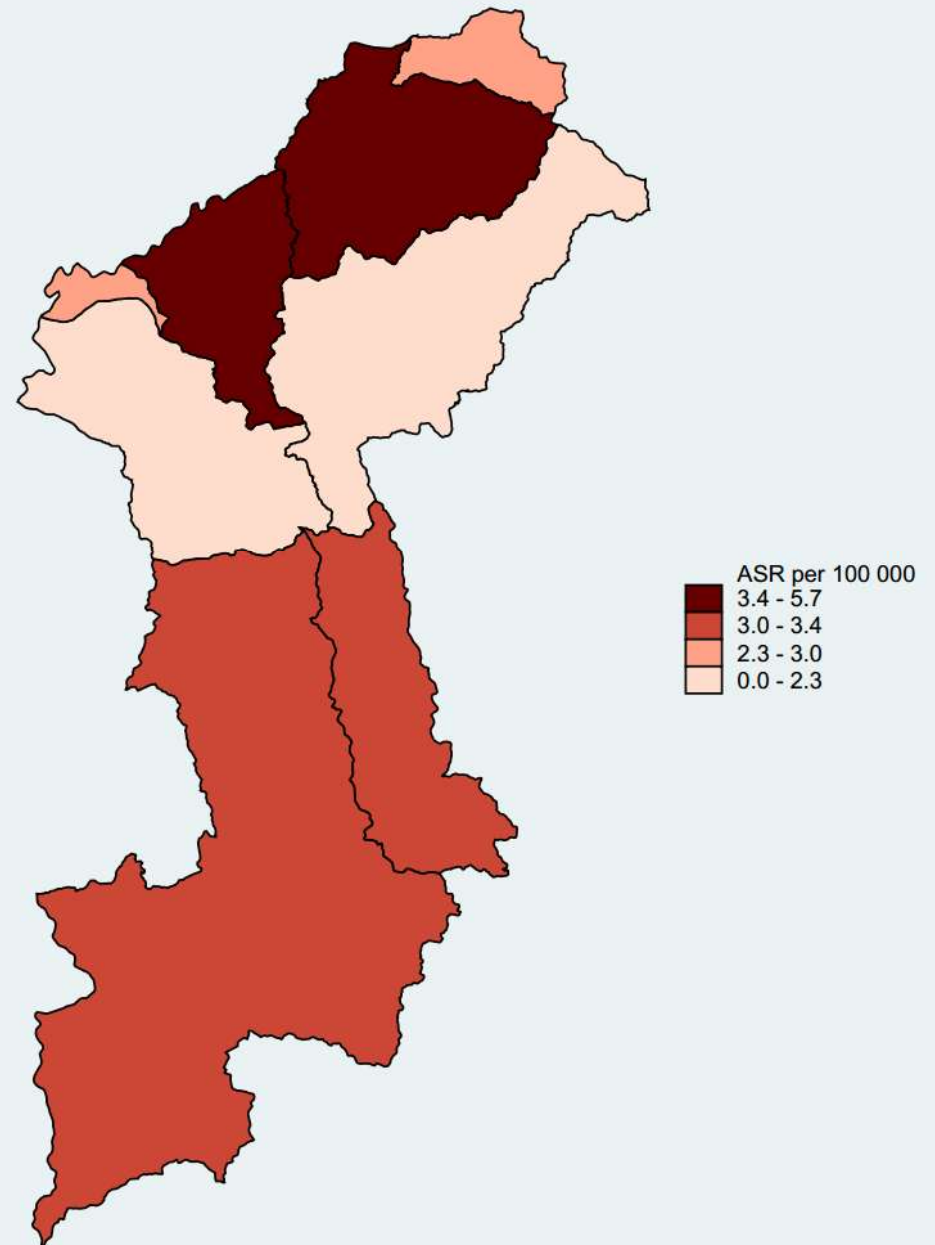
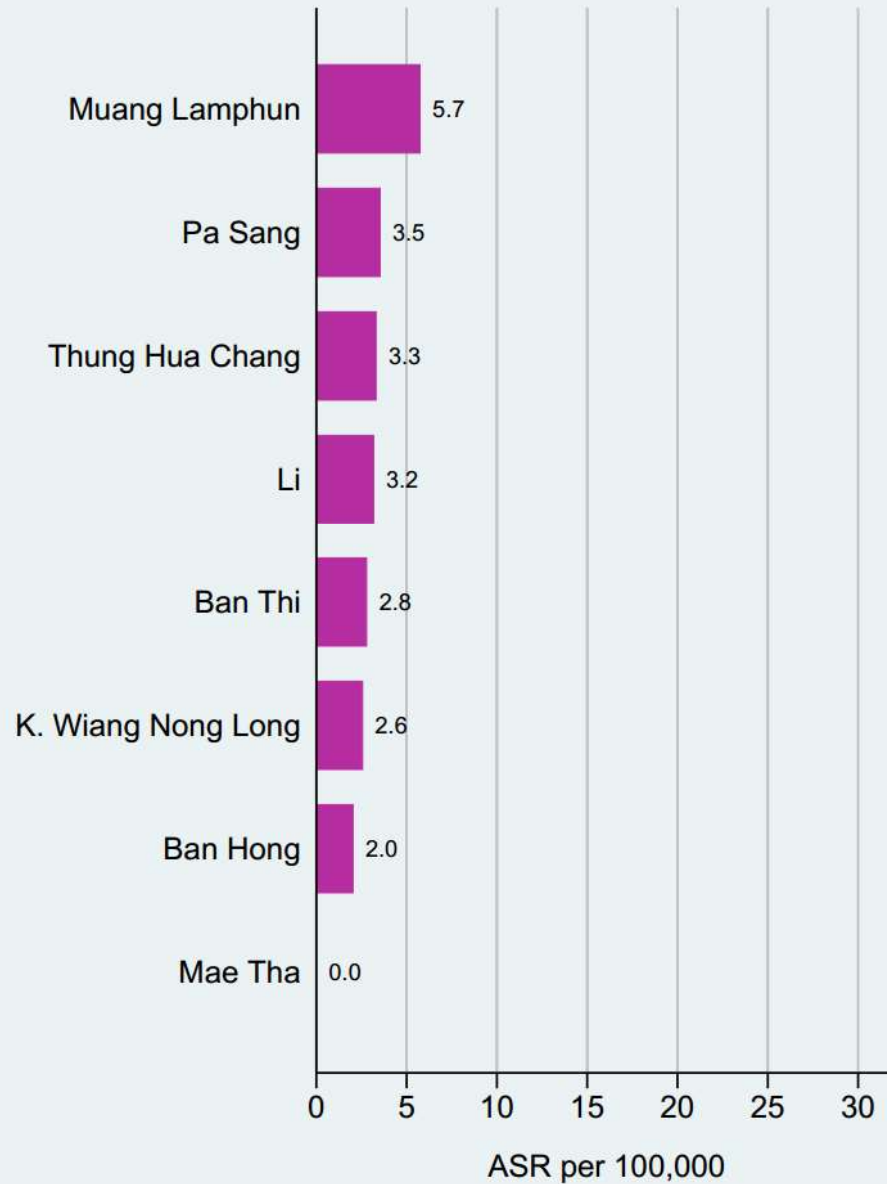
### Male



# Liver cancer in Lamphun, 2008-2012

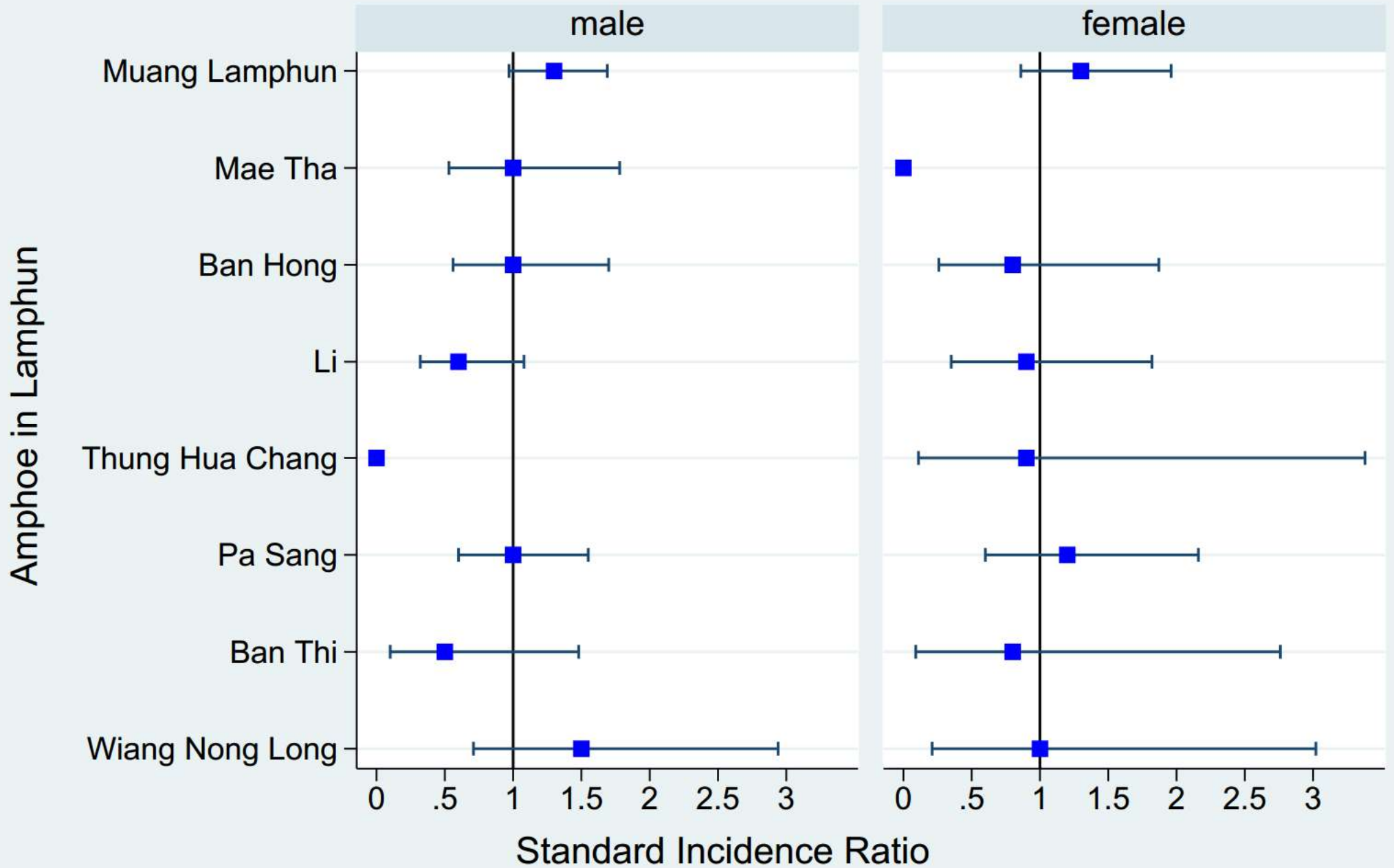
## Female CCA cancer

### Female



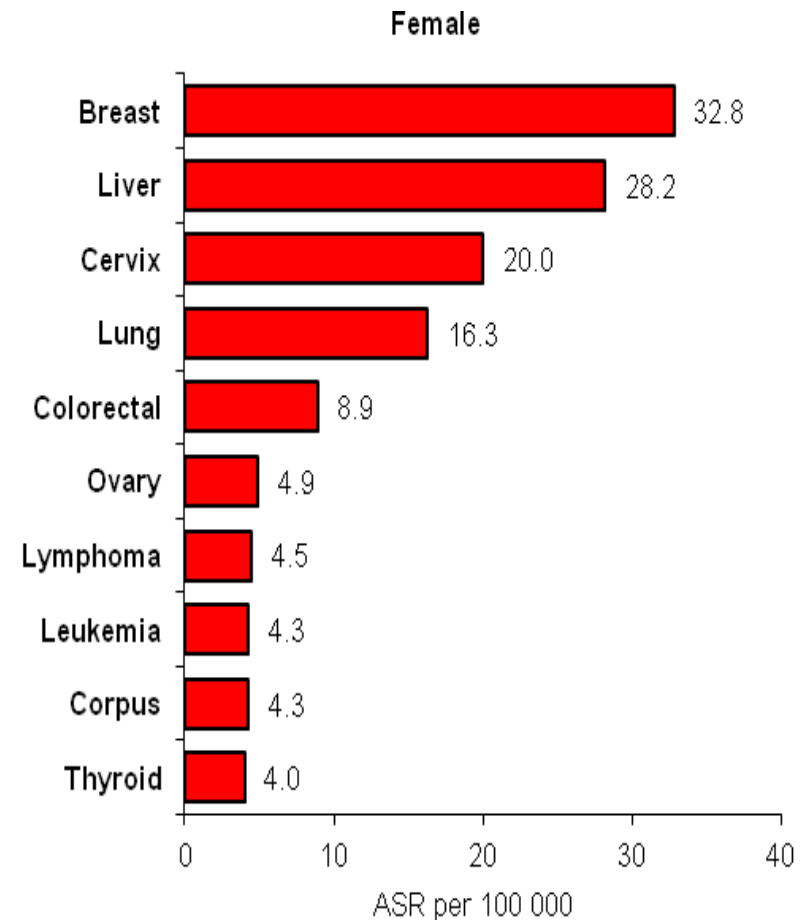
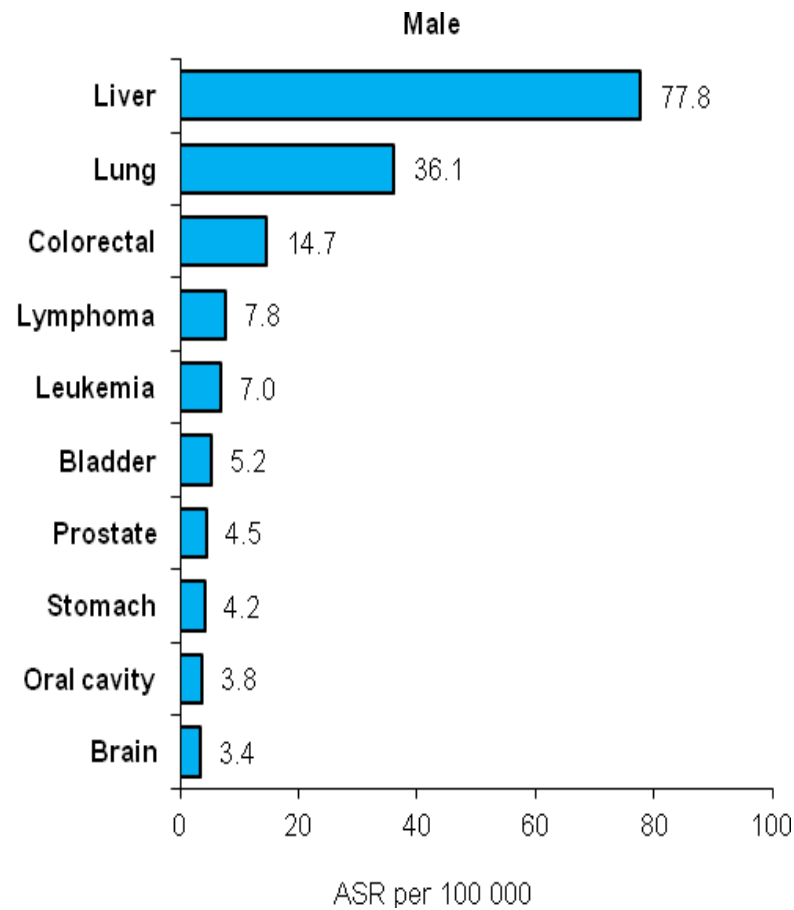


# SIR: CCA, 2008-2012



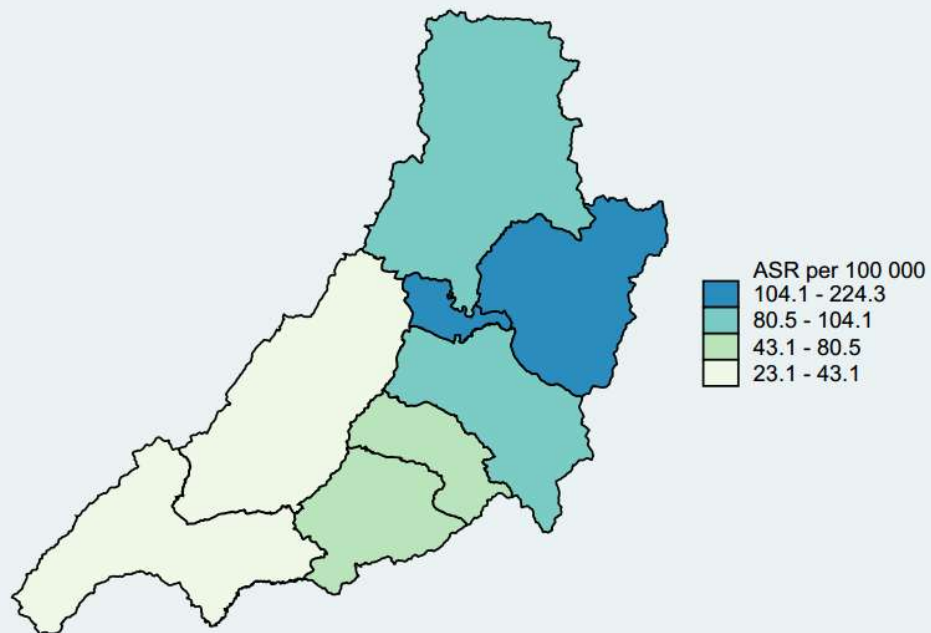
Compare to Mean Annual Incidence Rate of Lamphun

# อุบัติการณ์โรคมะเร็ง จ .แพร่ ปีพ.ศ. 2551-2555

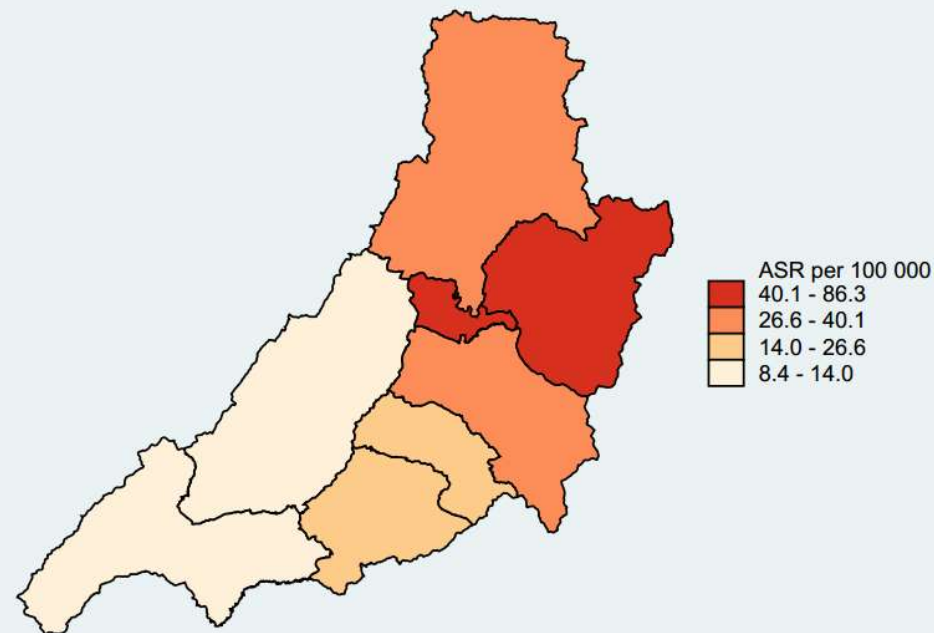


# Phrae, 2008-2012

## Male liver cancer

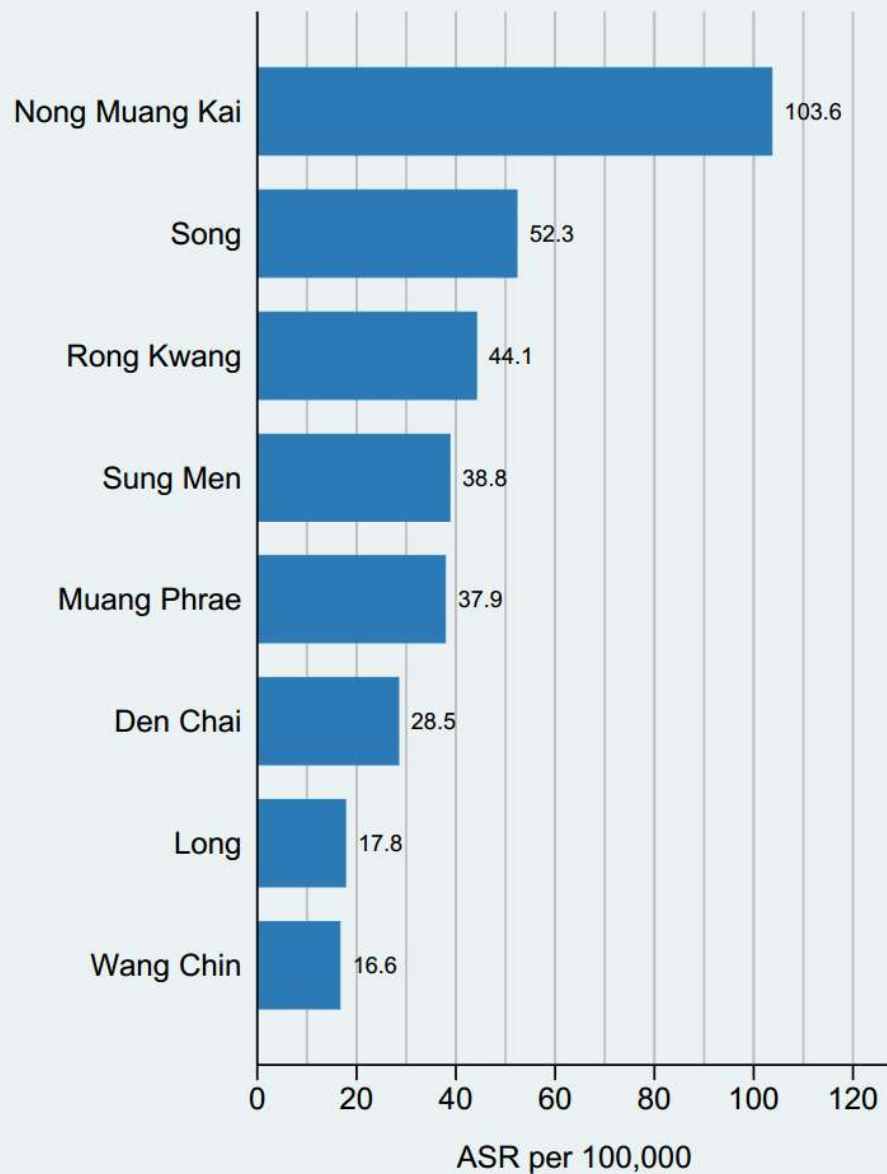


## Female liver cancer

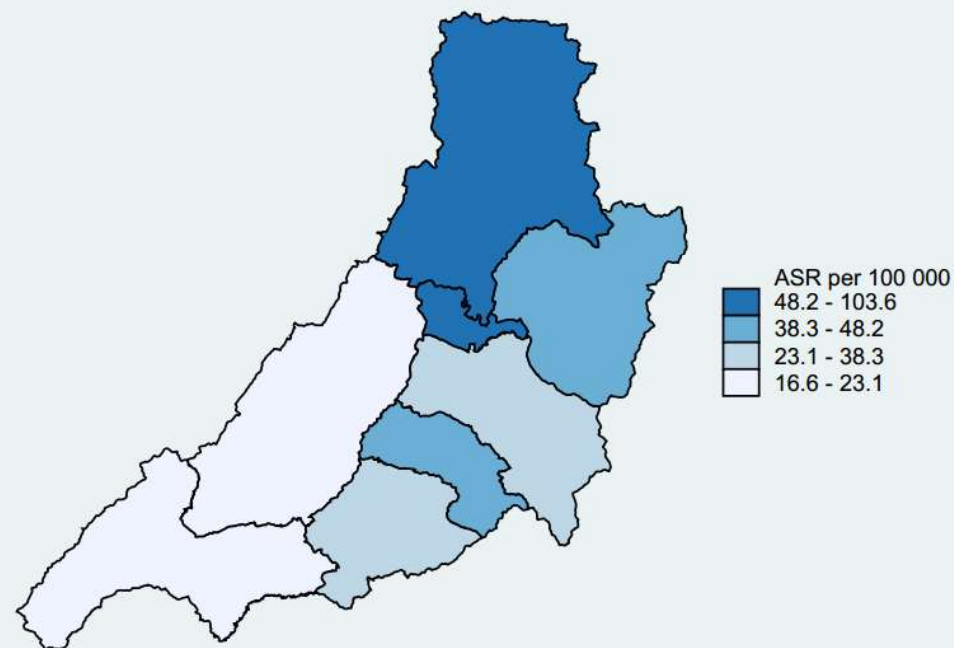


# Liver cancer in Phrae, 2008-2012

## Male

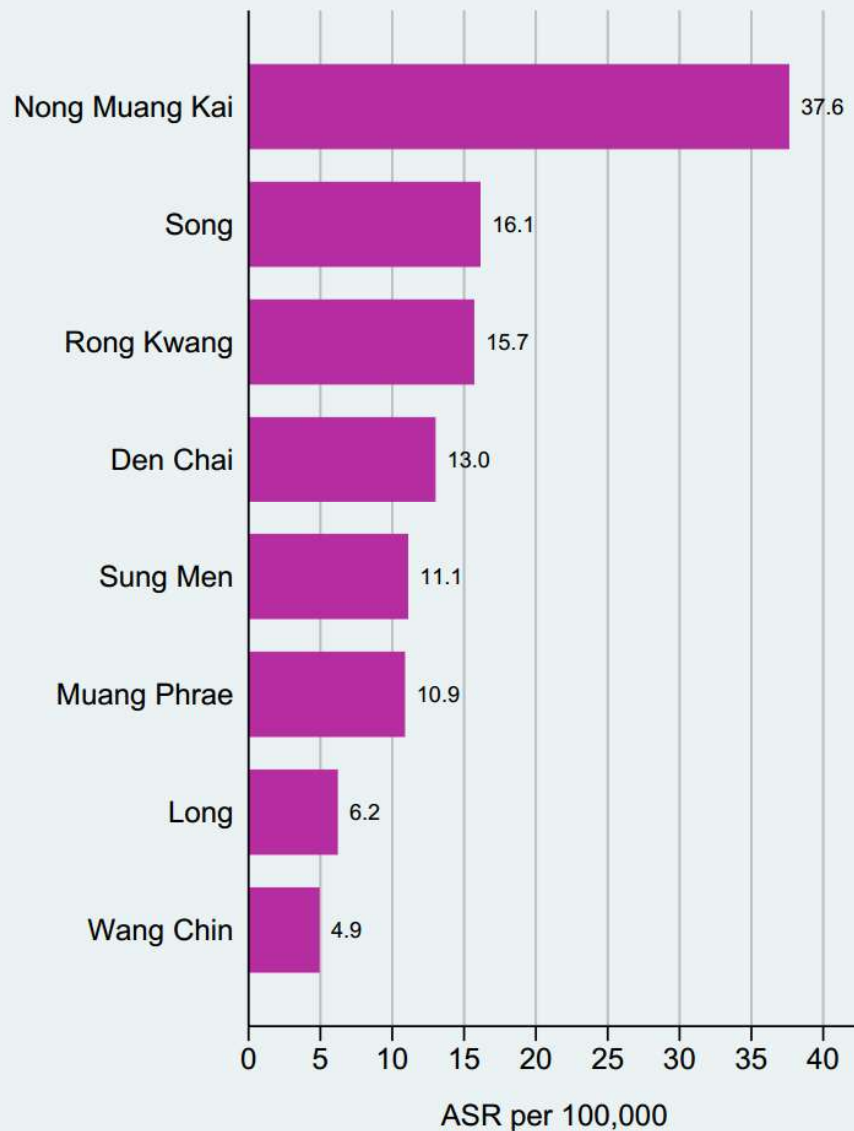


## Male HCC cancer

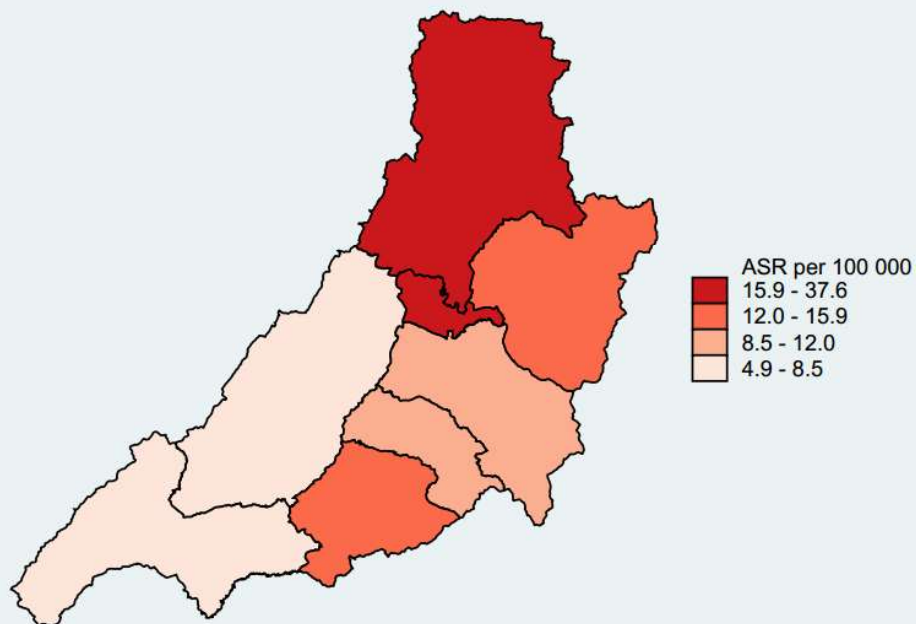


# Liver cancer in Phrae, 2008-2012

## Female

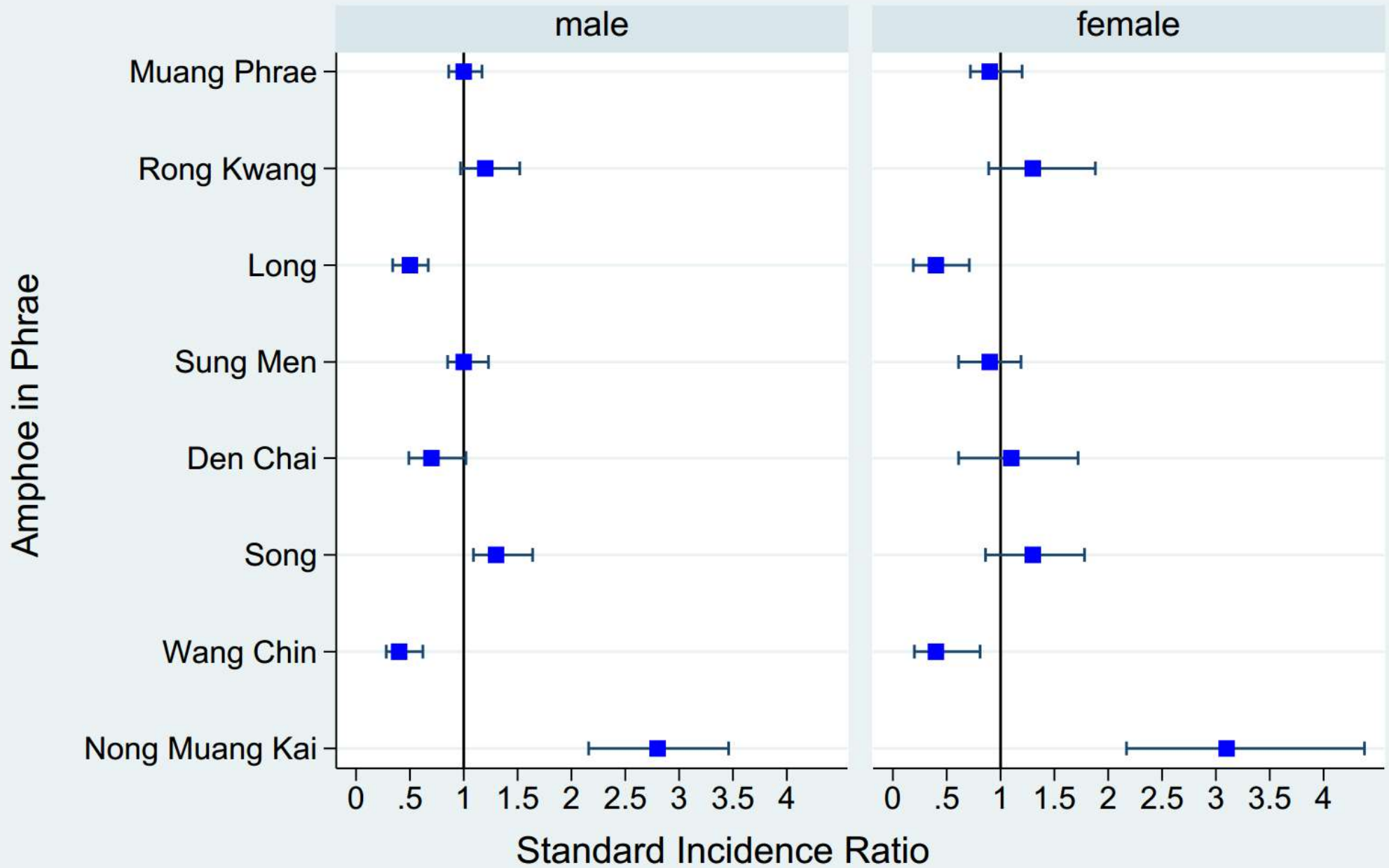


## Female HCC cancer





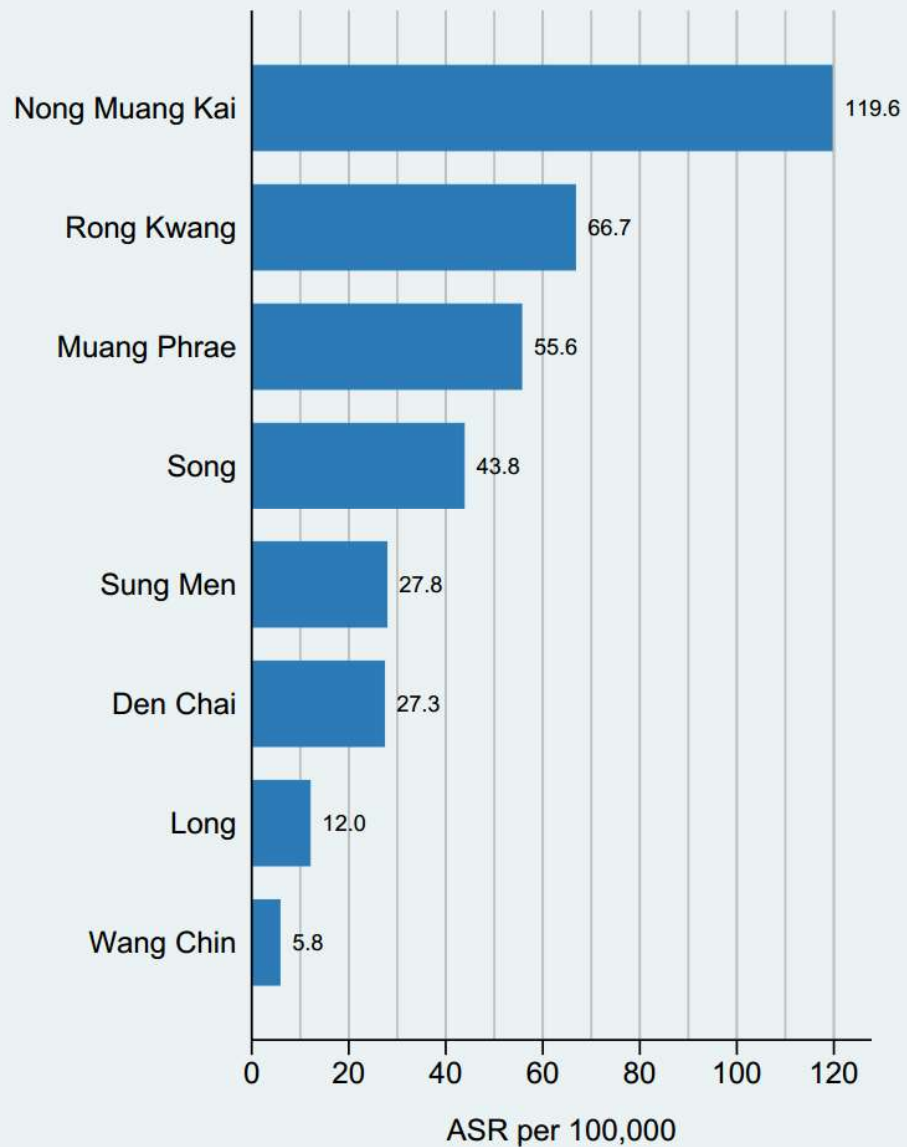
# SIR: HCC, 2008-2012



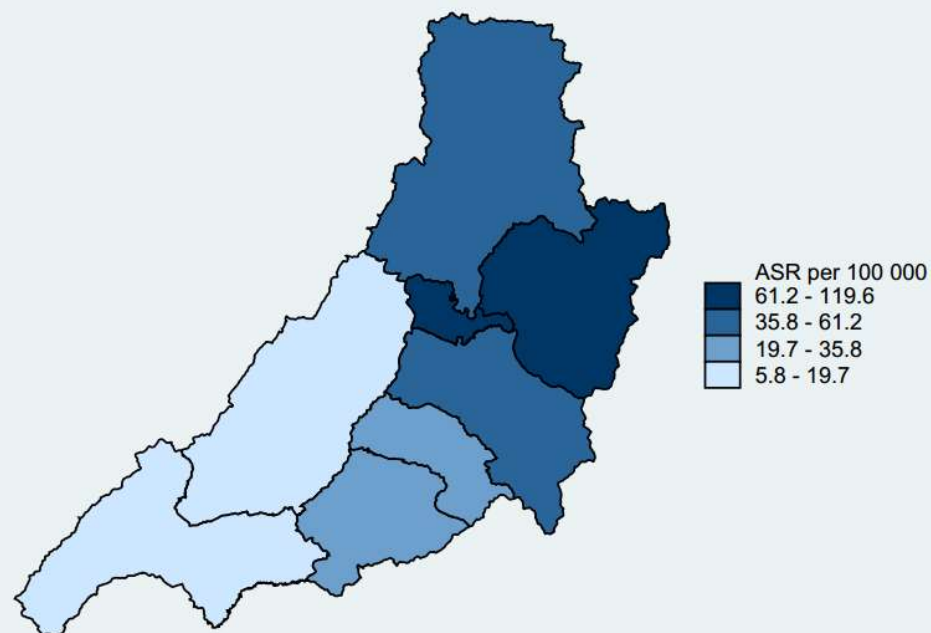
Compare to Mean Annual Incidence Rate of Phrae

# Liver cancer in Phrae, 2008-2012

## Male

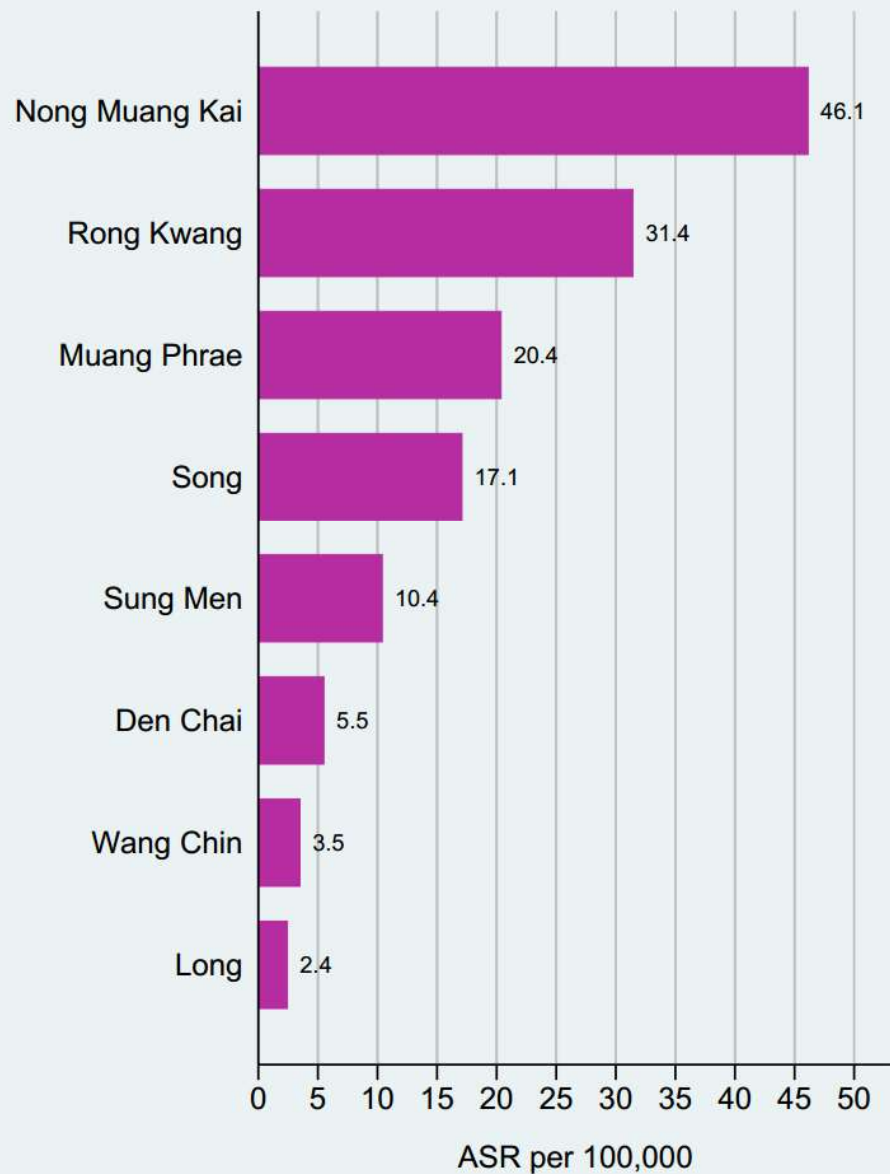


## Male CCA cancer

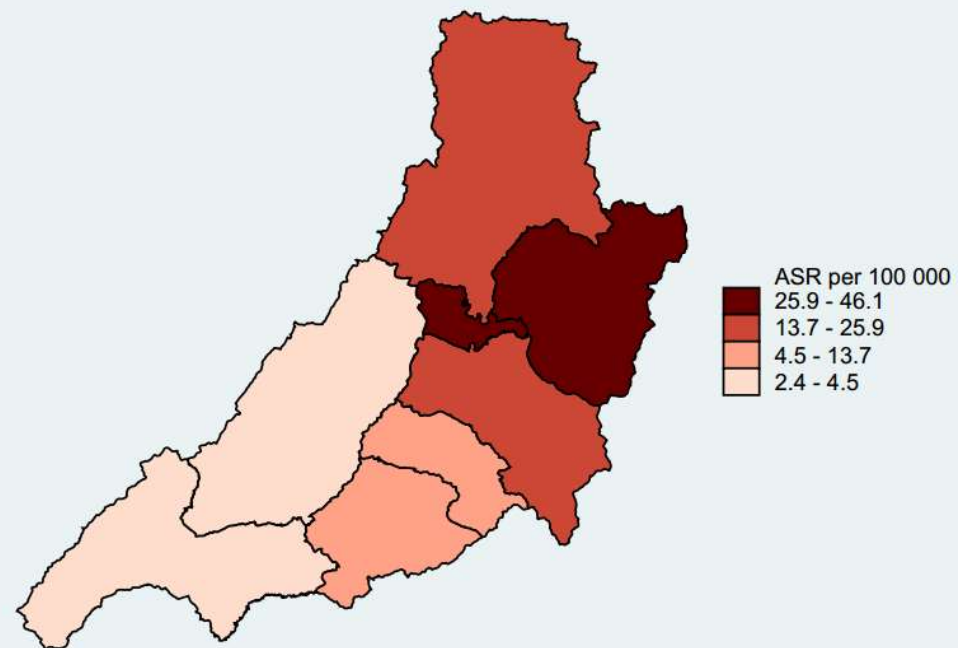


# Liver cancer in Phrae, 2008-2012

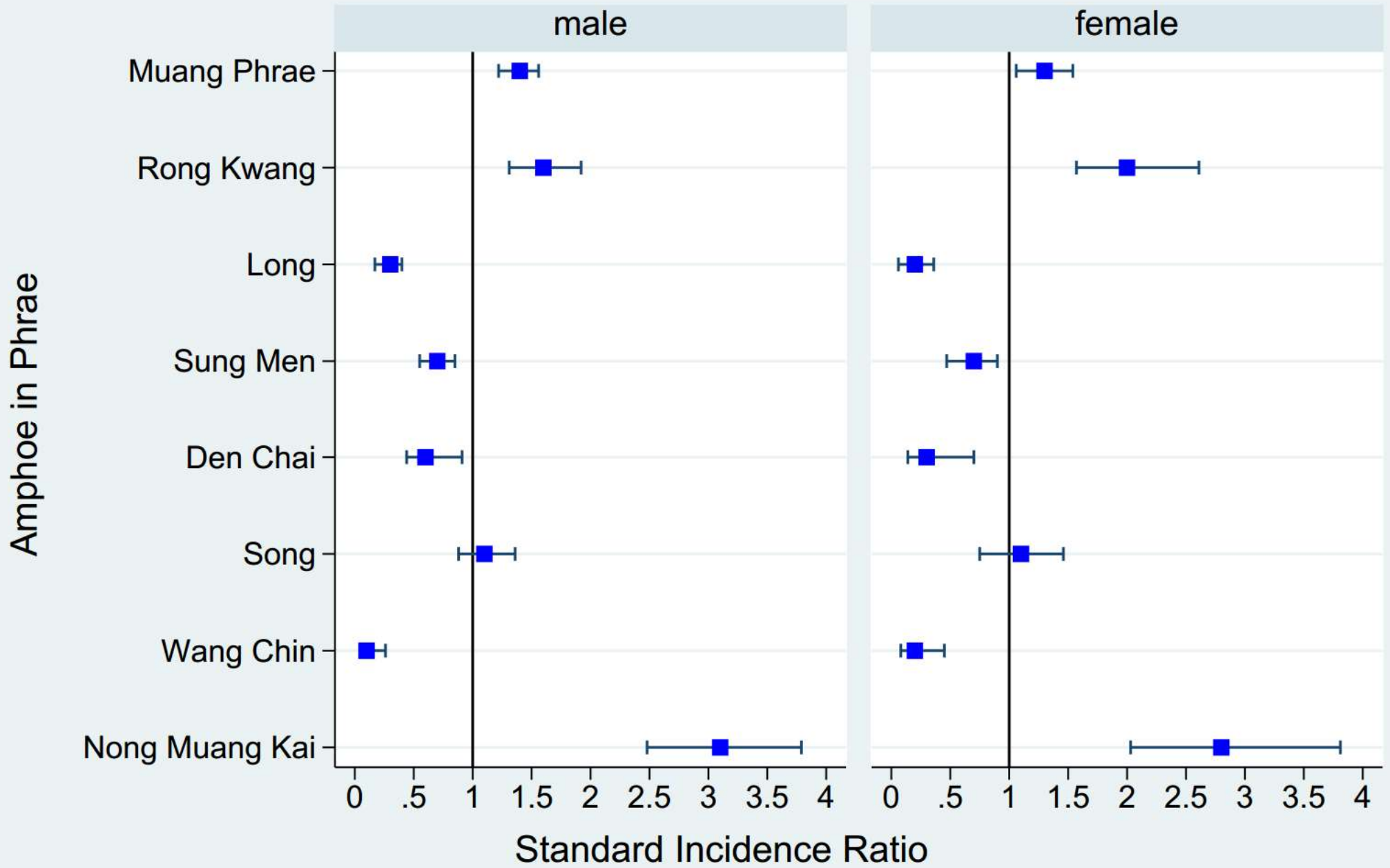
## Female



## Female CCA cancer

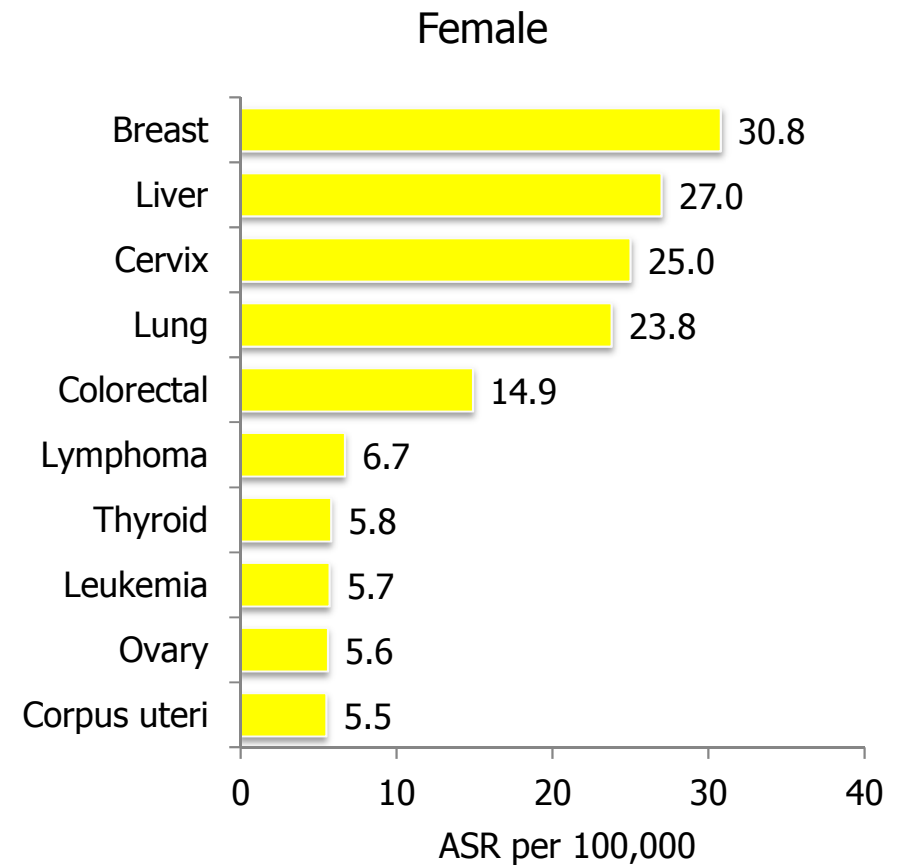
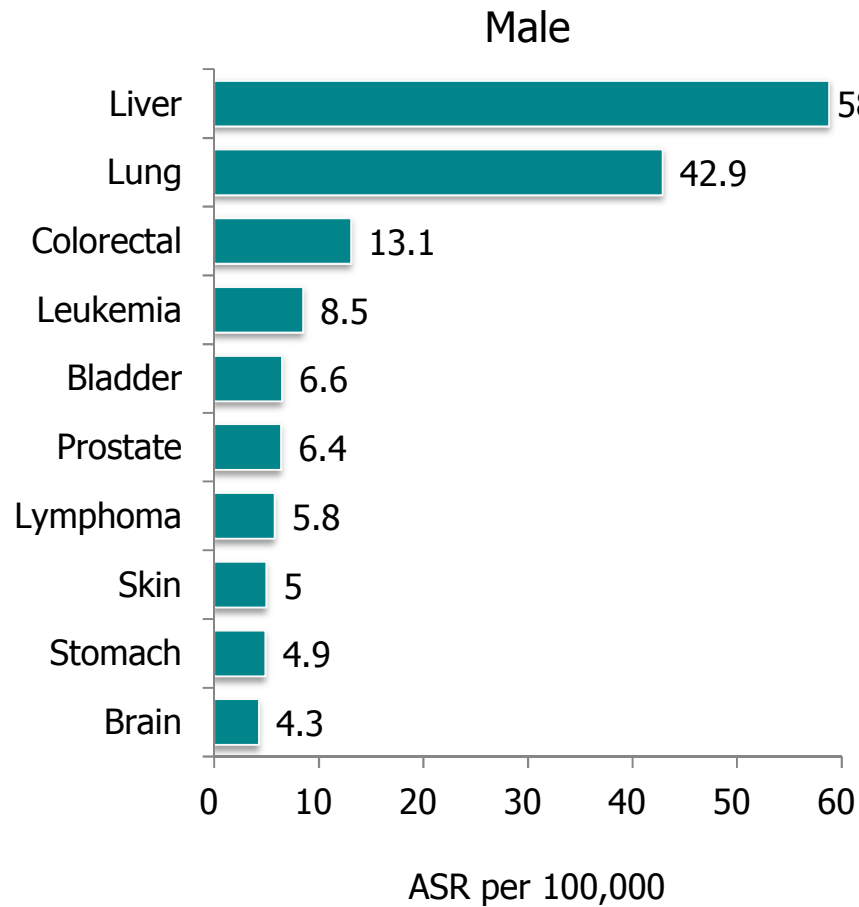


# SIR: CCA, 2008-2012



Compare to Mean Annual Incidence Rate of Phrae

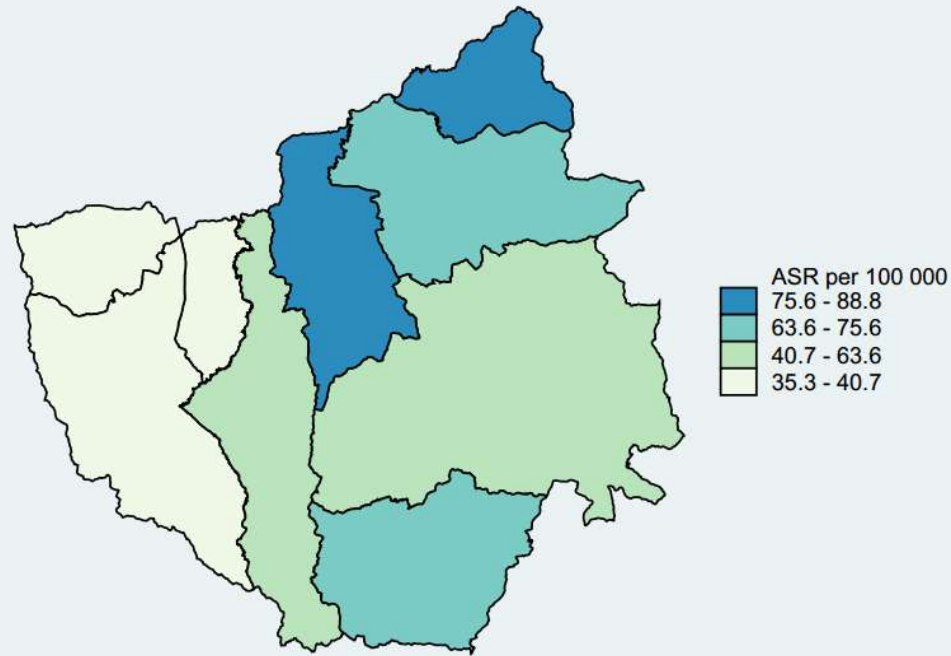
# อุบัติการณ์โรคมะเร็ง จ.พะเยา ปีพ.ศ. 2553-2555



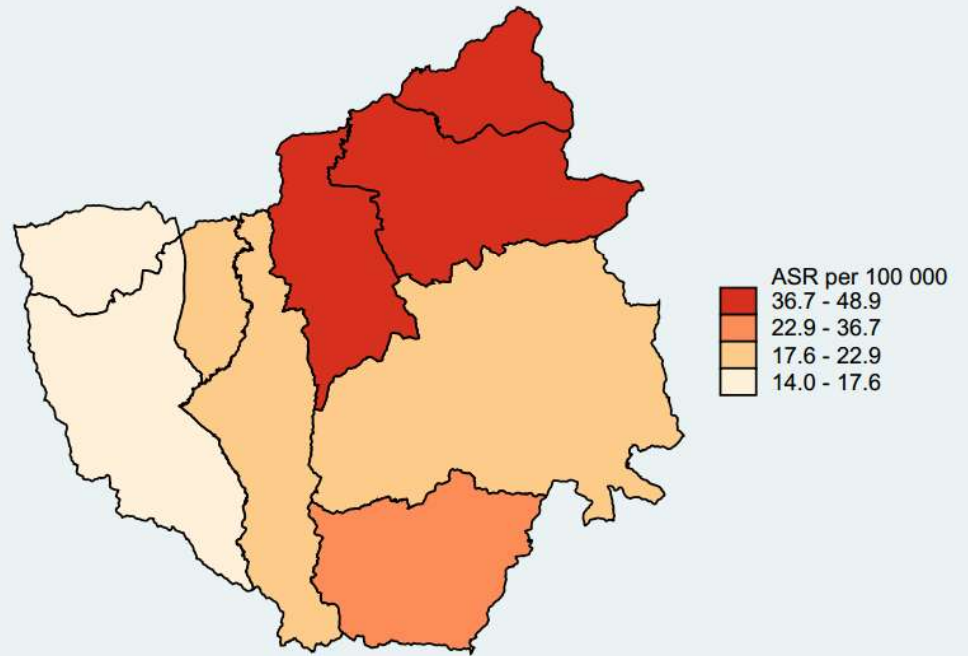


# Phayao, 2008-2012

## Male liver cancer

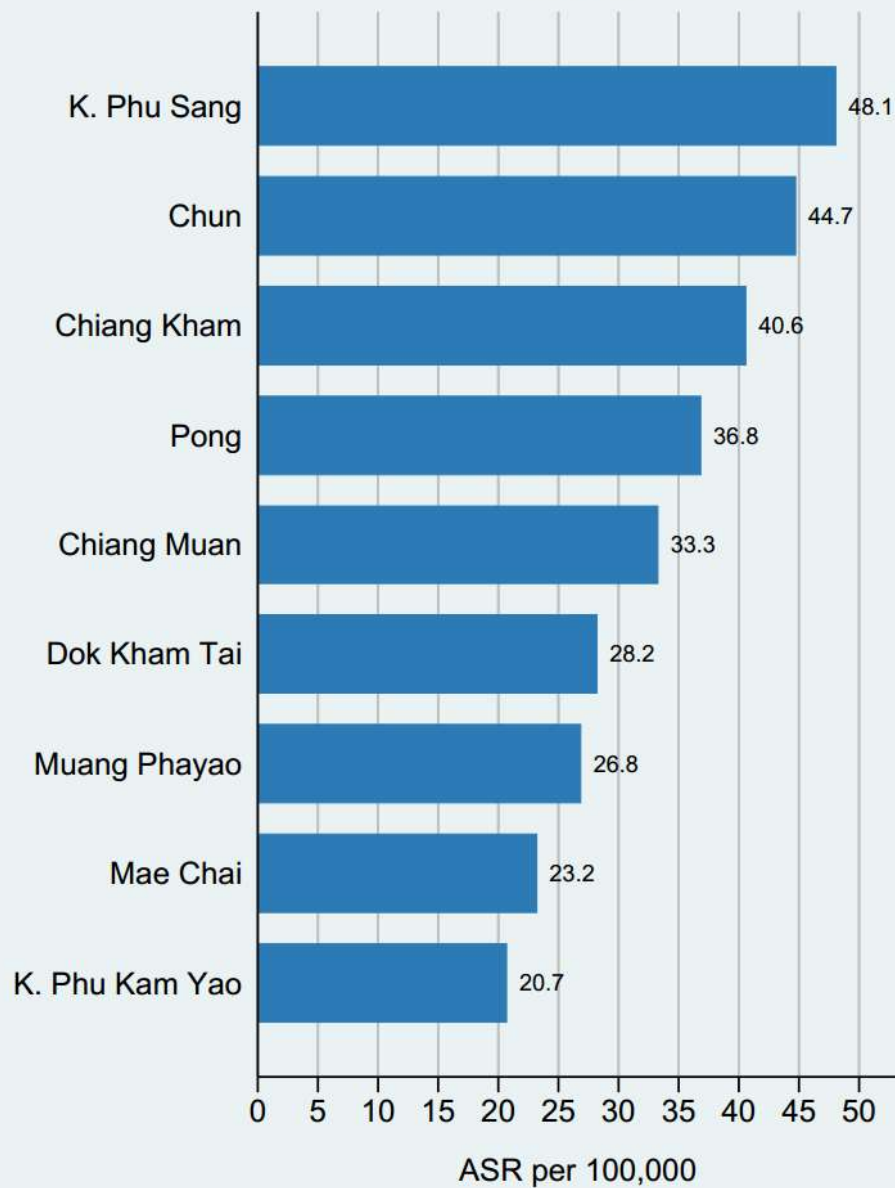


## Female liver cancer

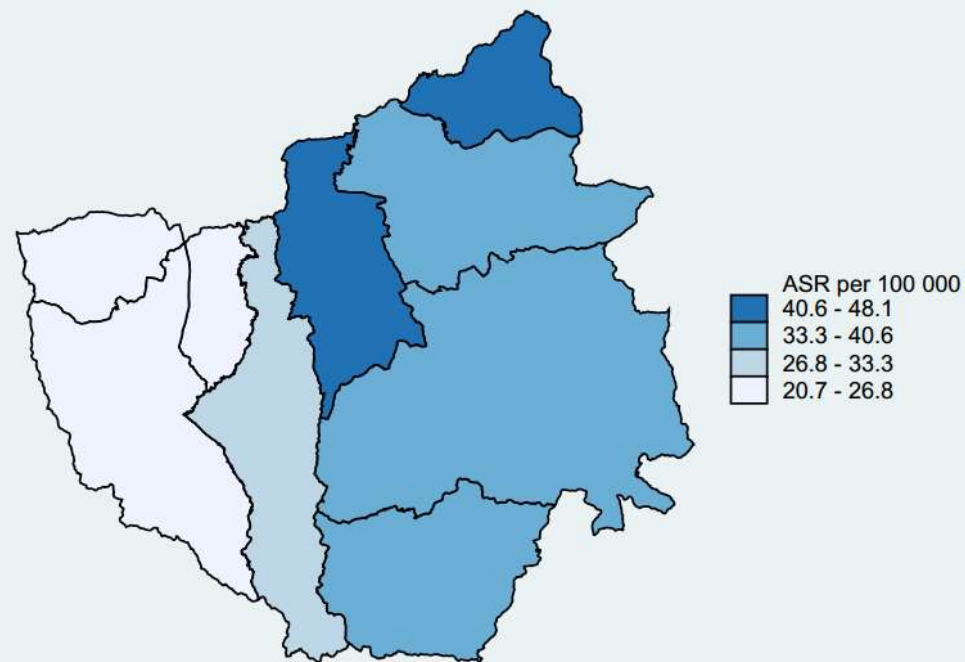


# Liver cancer in Phayao, 2008-2012

## Male

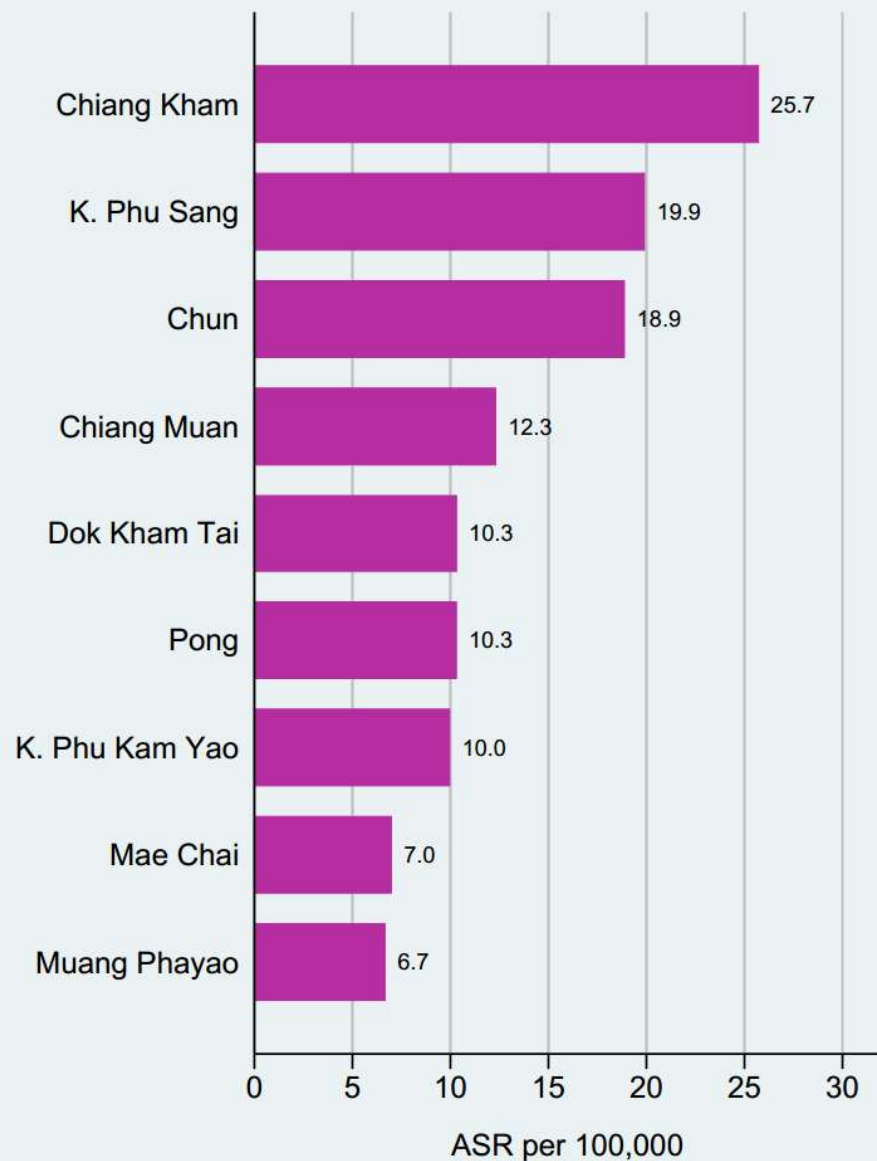


## Male HCC cancer

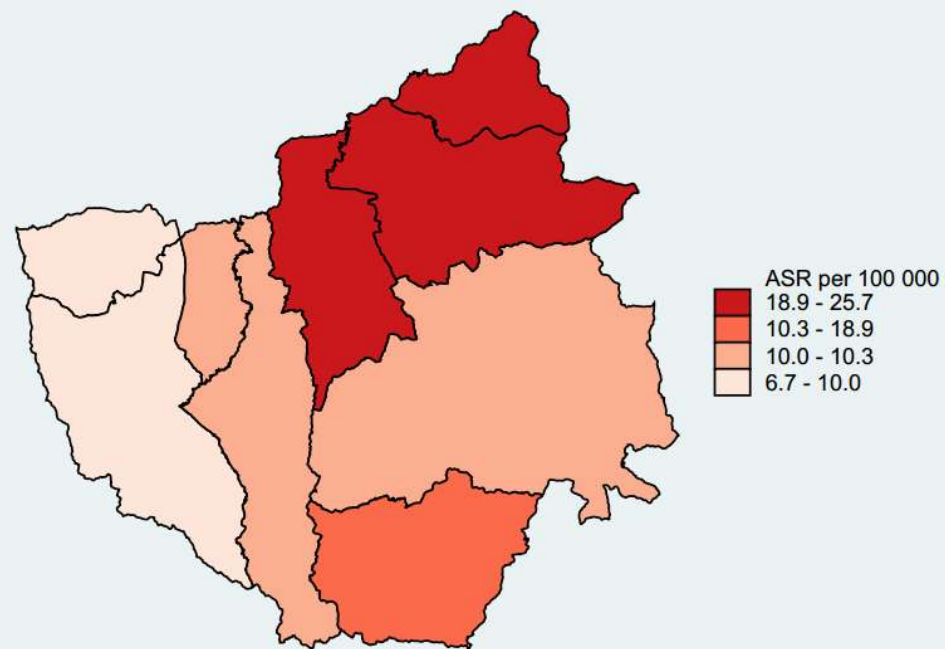


# Liver cancer in Phayao, 2008-2012

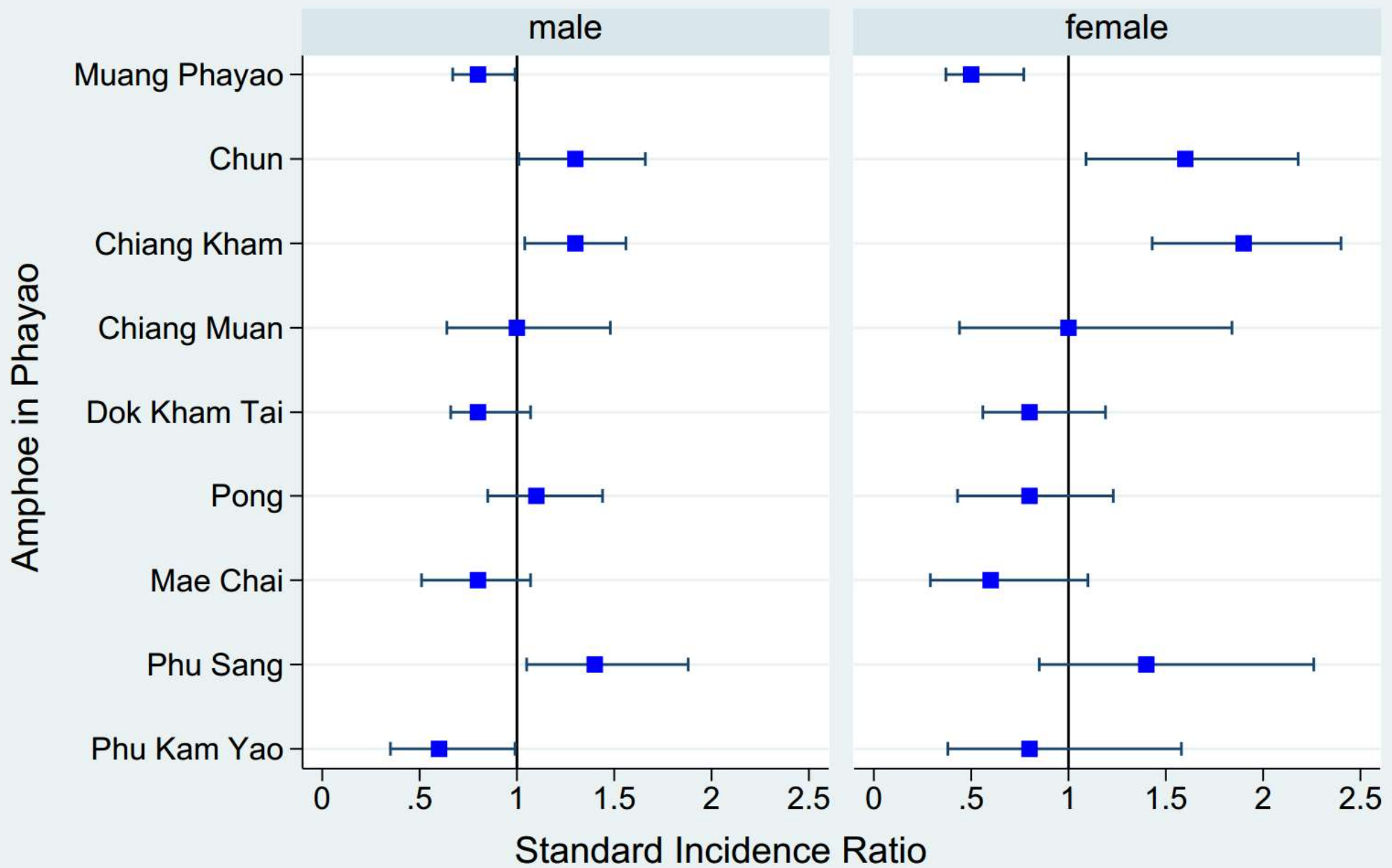
## Female



## Female HCC cancer



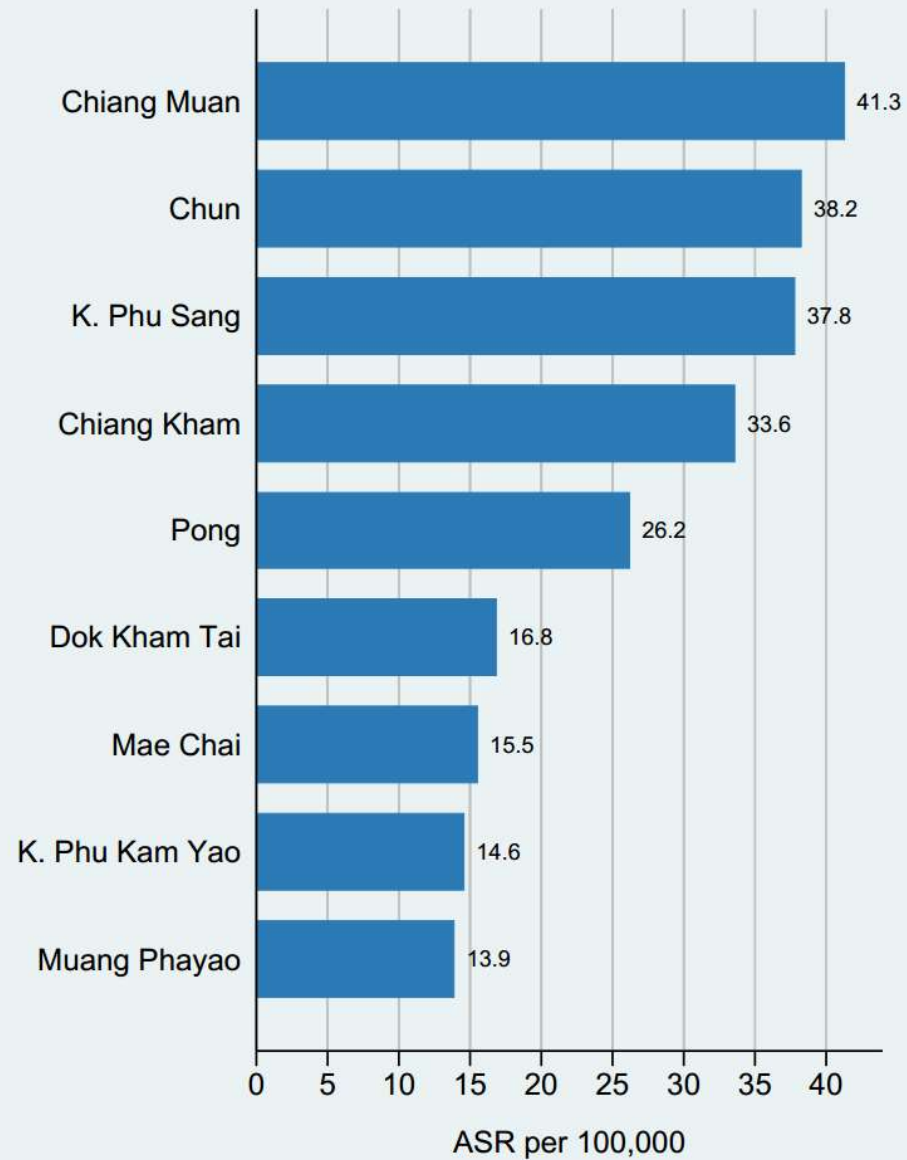
# SIR: HCC, 2008-2012



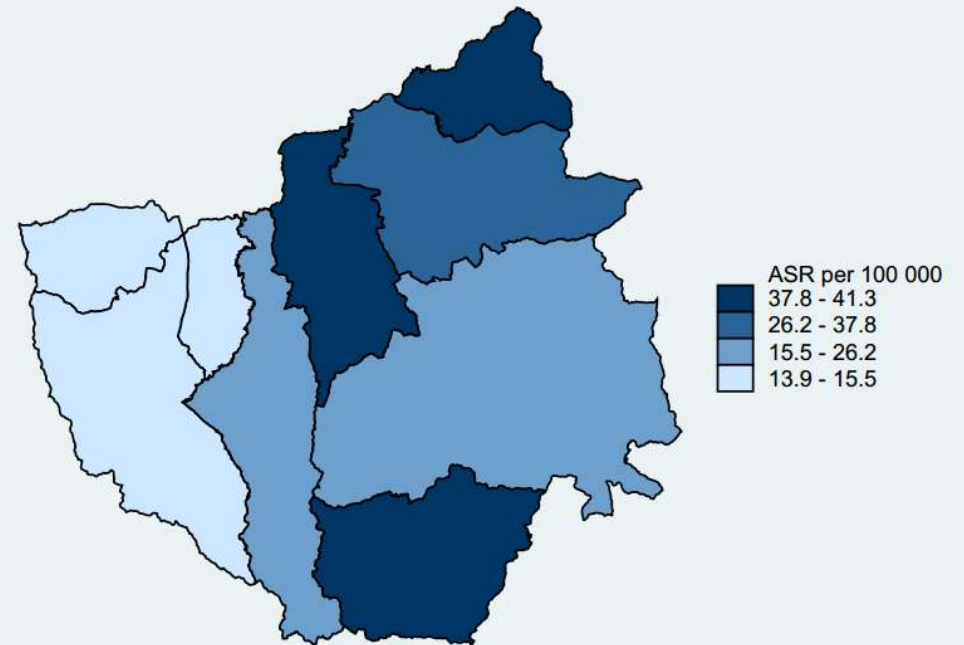
Compare to Mean Annual Incidence Rate of Phayao

# Liver cancer in Phayao, 2008-2012

## Male



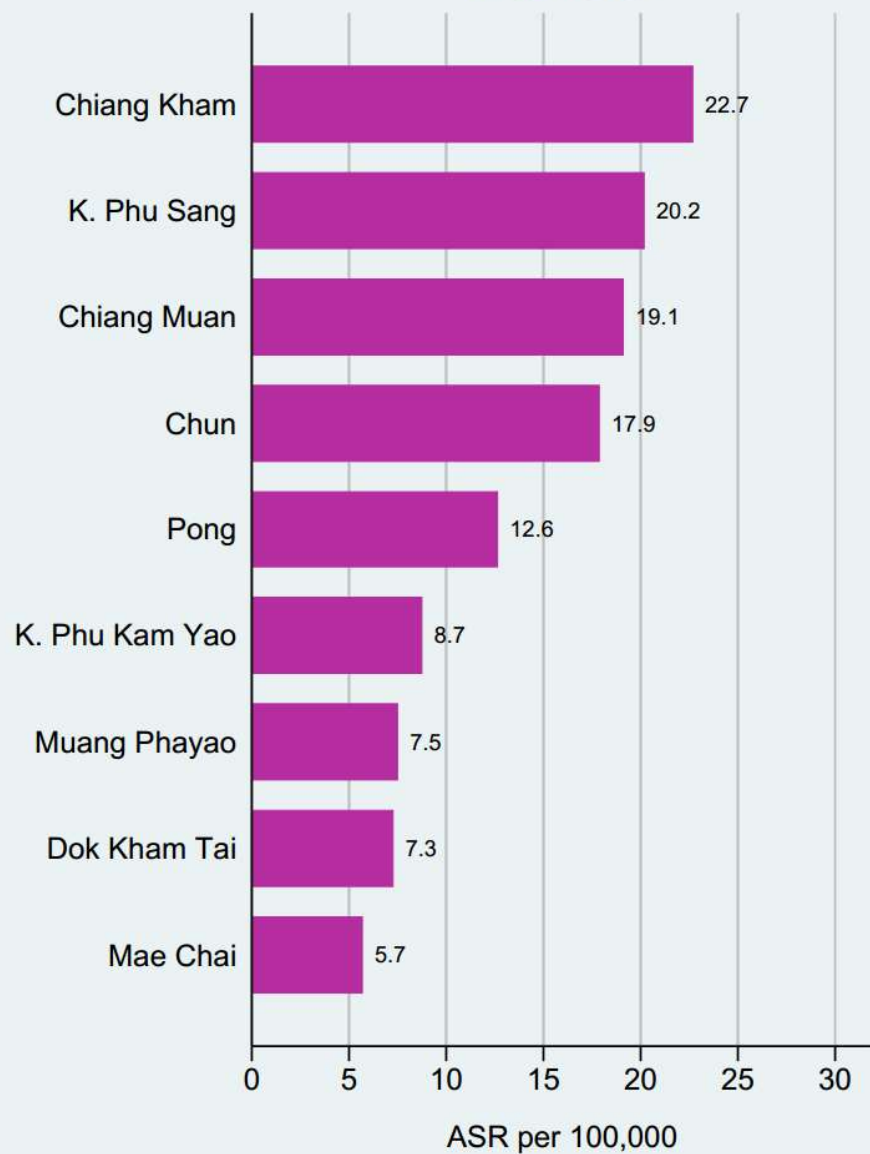
## Male CCA cancer



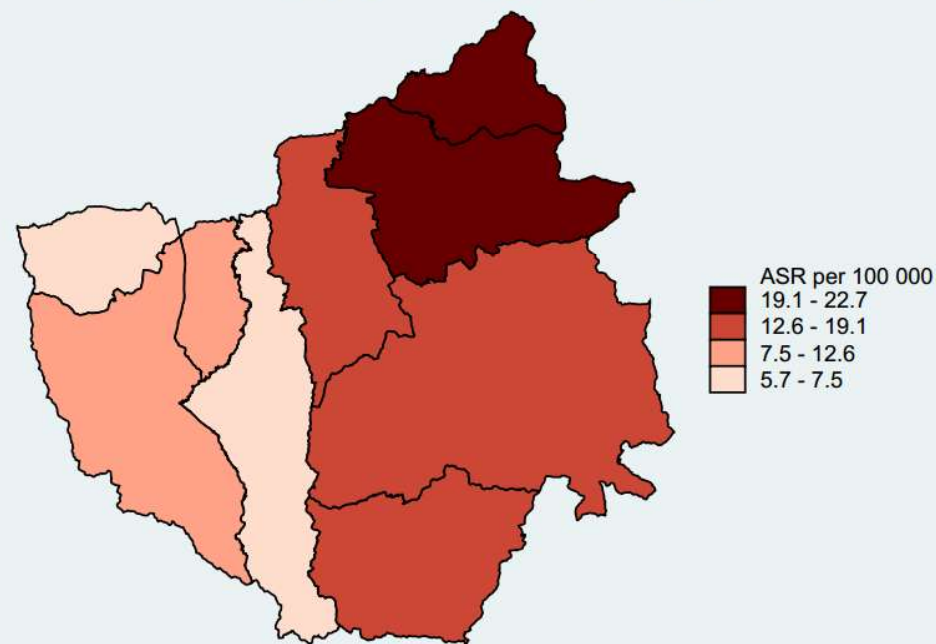


# Liver cancer in Phayao, 2008-2012

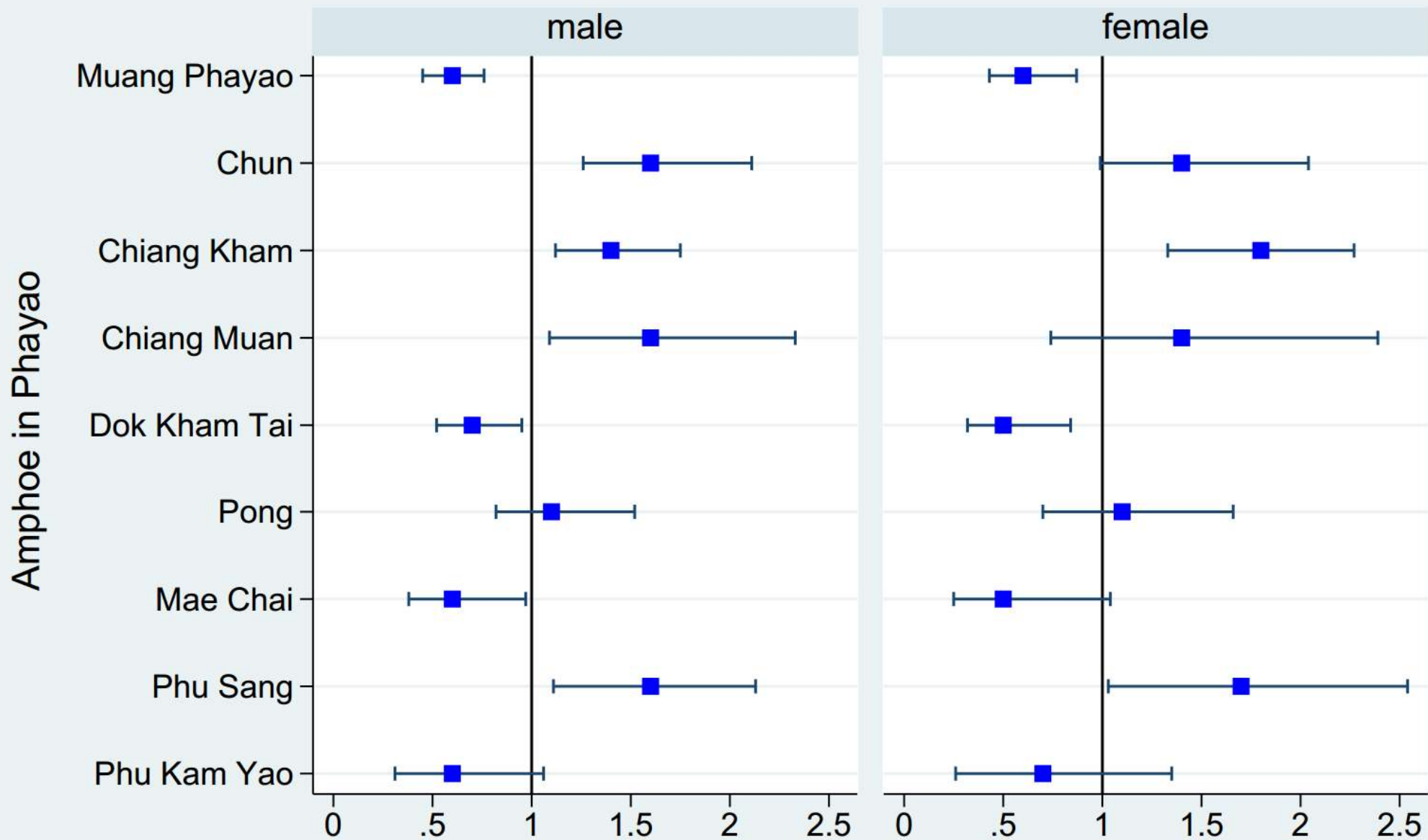
## Female



## Female CCA cancer



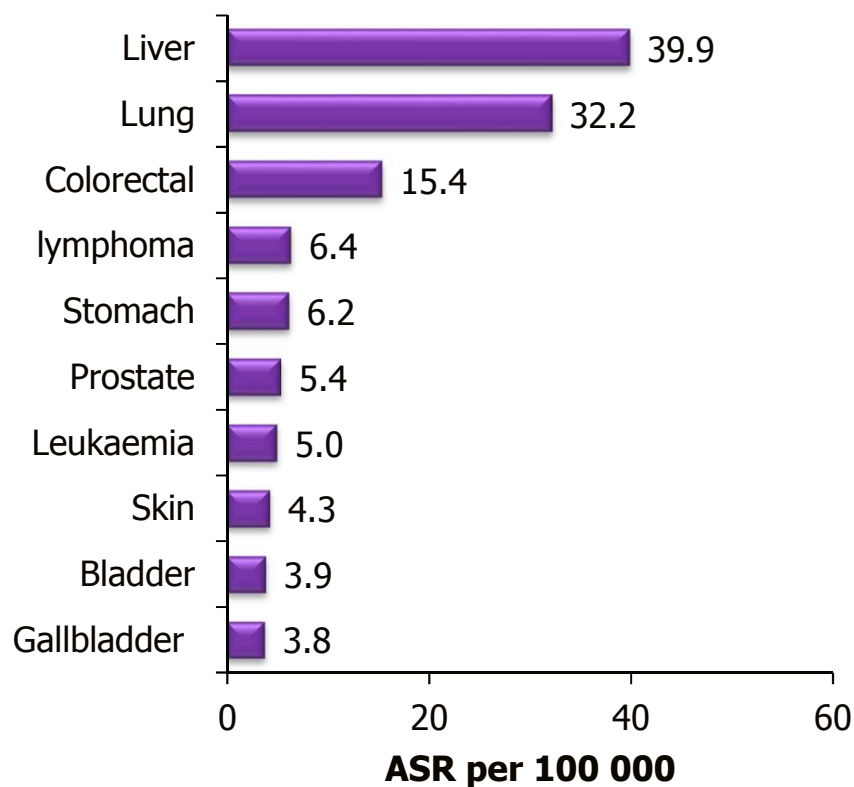
# SIR: CCA, 2008-2012



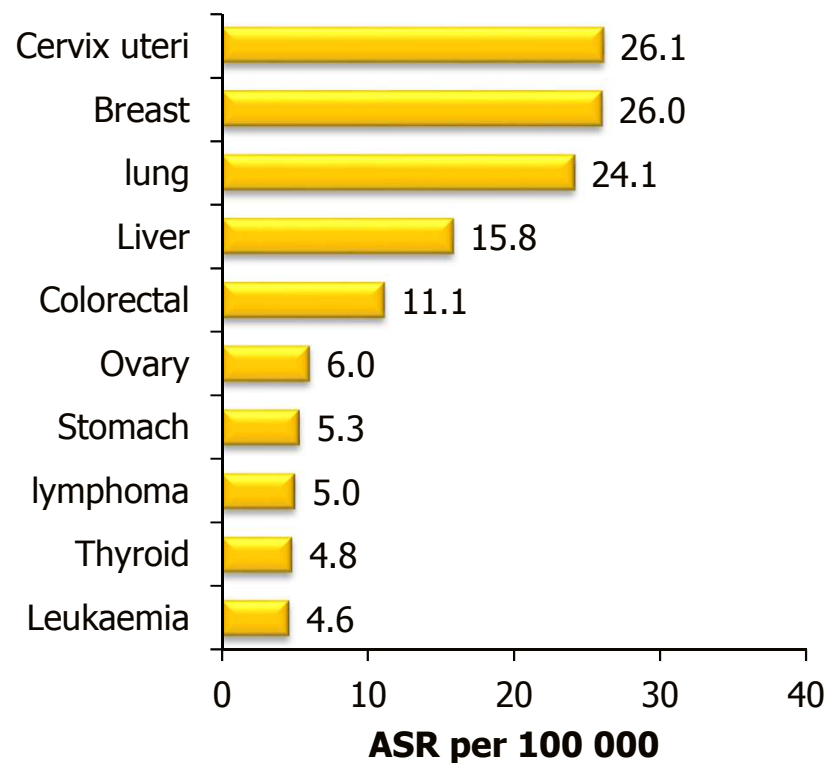
Compare to Mean Annual Incidence Rate of Phayao

# อุบัติการณ์โรคมะเร็ง จ. เชียงราย ปีพ.ศ. 2551-2555

## Male

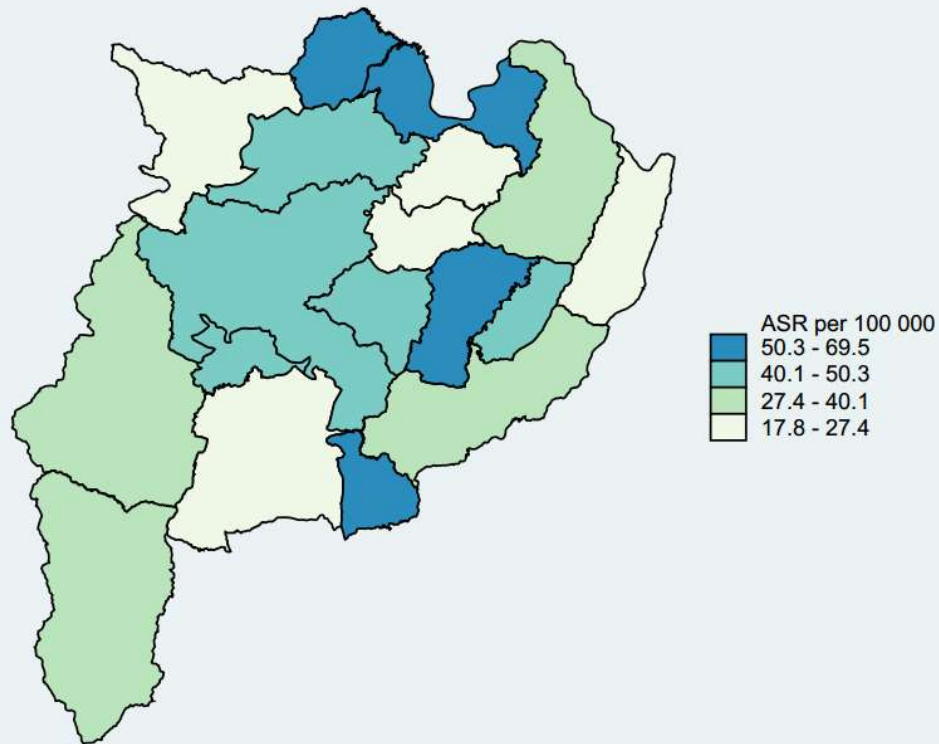


## Female

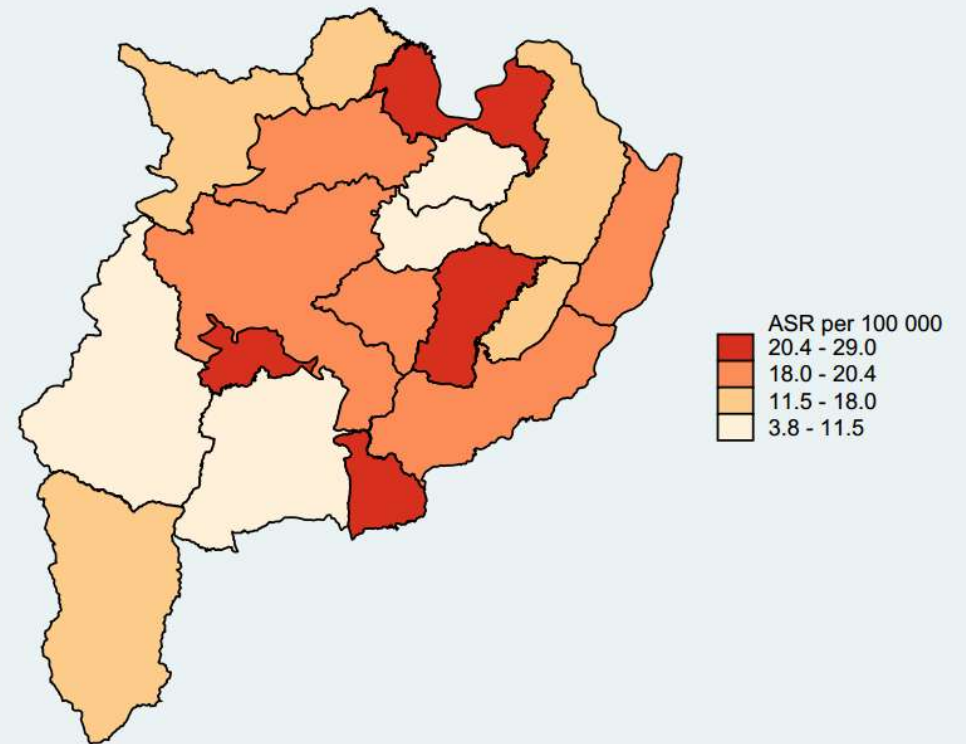


# Chiang Rai, 2008-2012

## Male liver cancer



## Female liver cancer

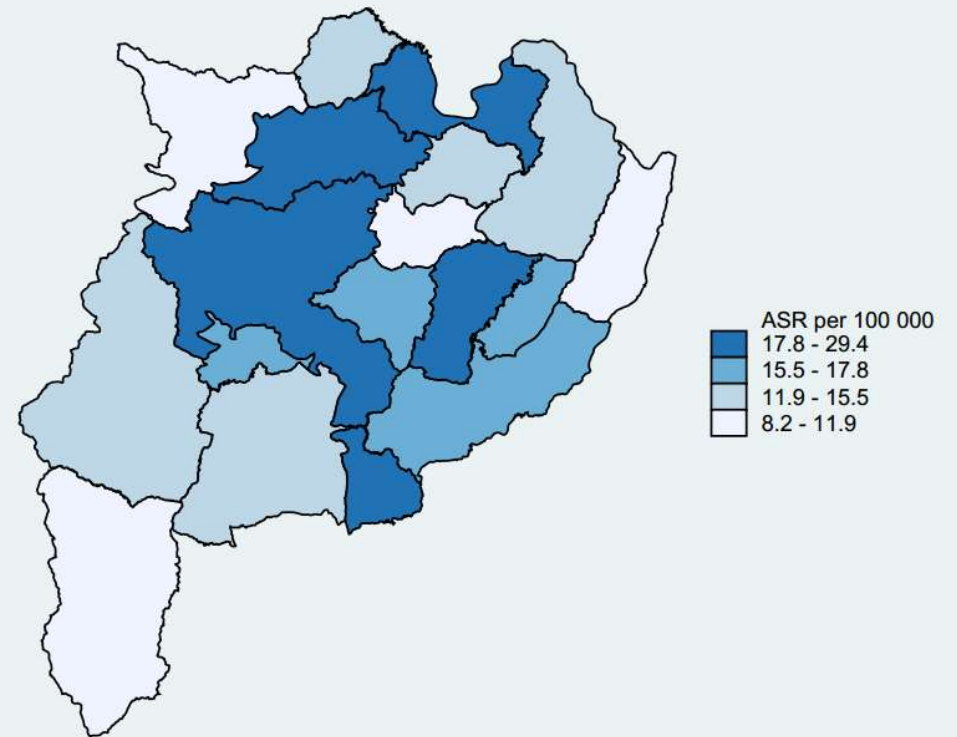


# Liver cancer in Chiang Rai, 2008-2012

## Male



## Male HCC cancer



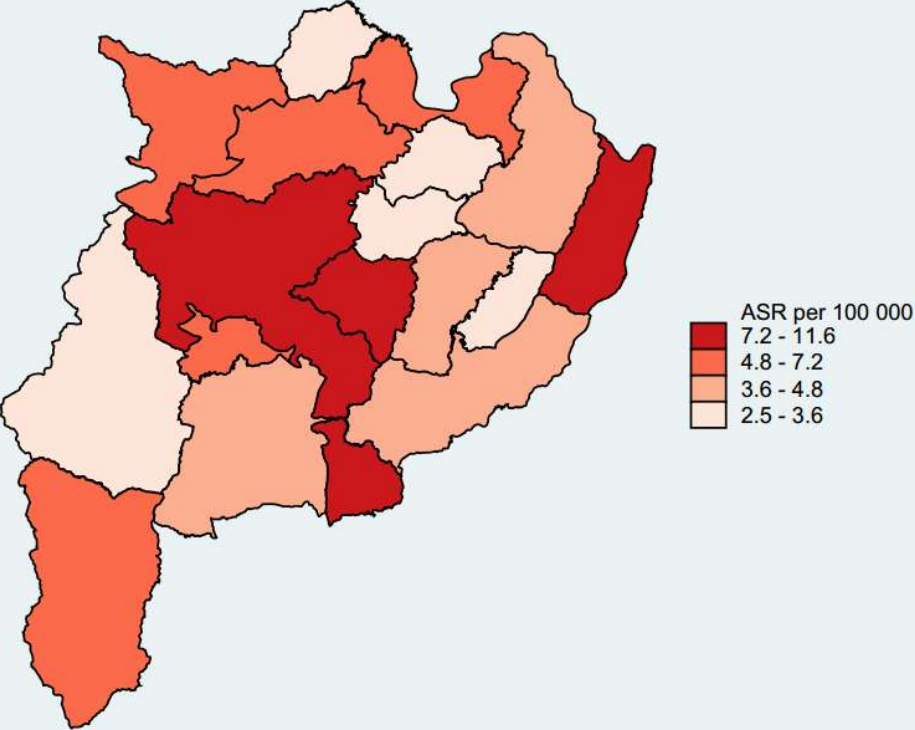


# Liver cancer in Chiang Rai 2008-2012

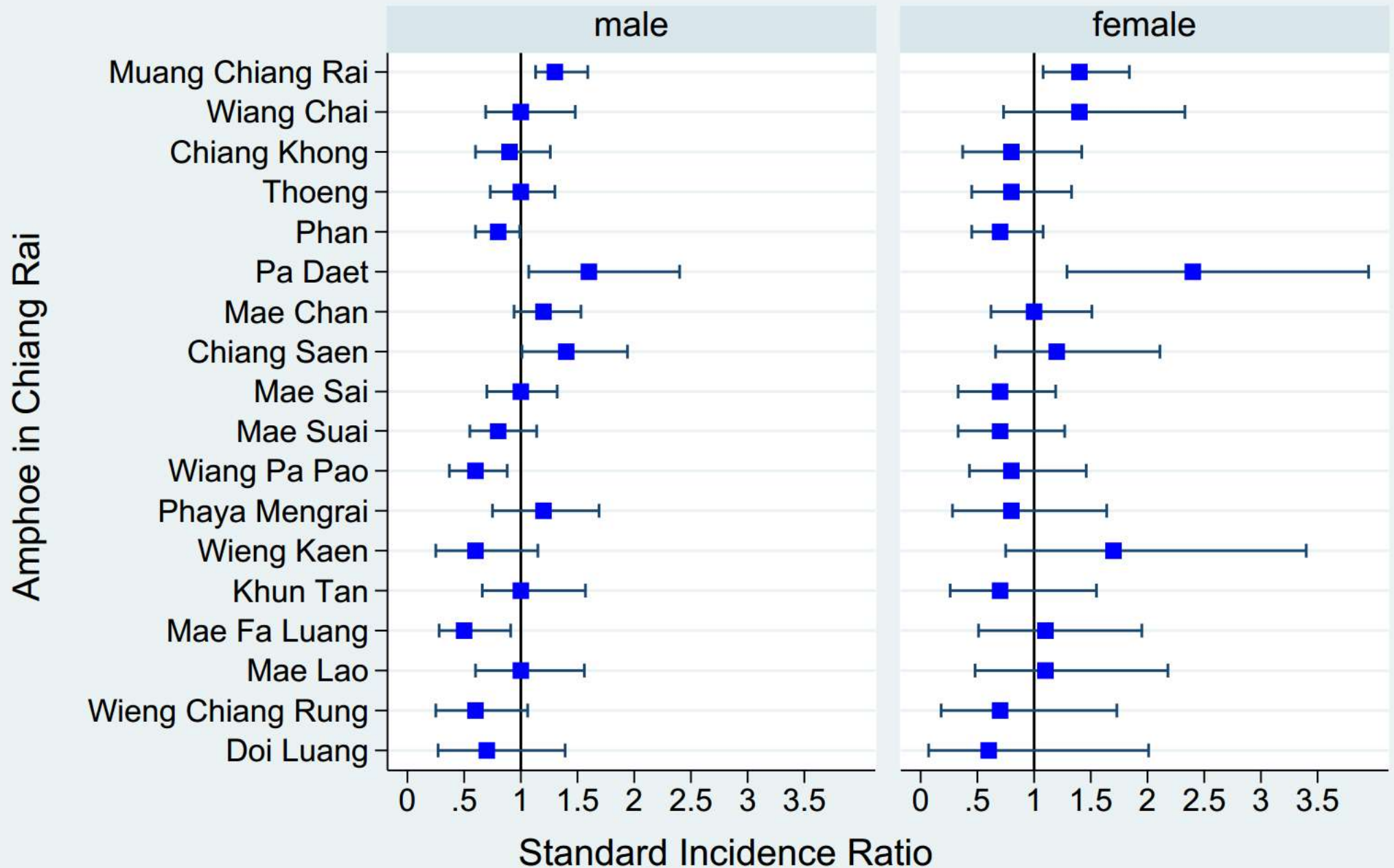
## Female



## Female HCC cancer



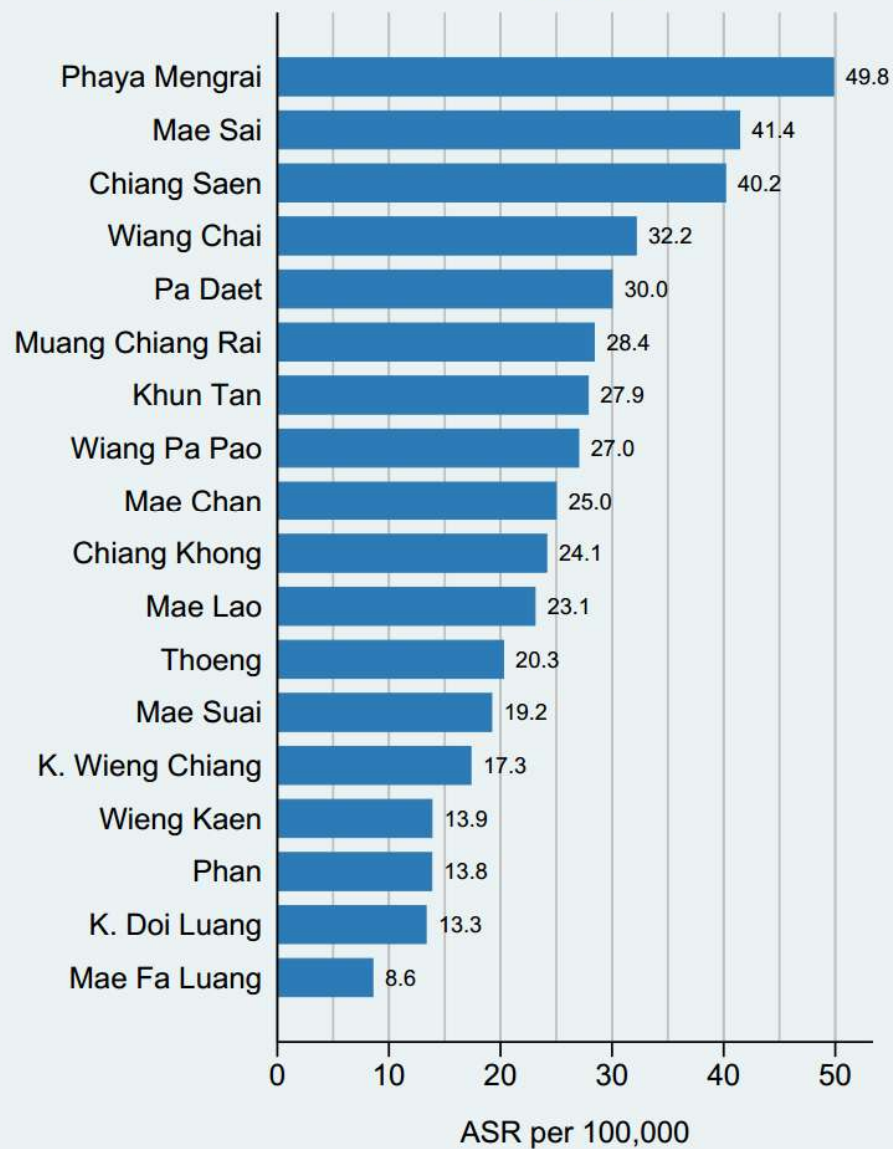
# SIR: HCC, 2008-2012



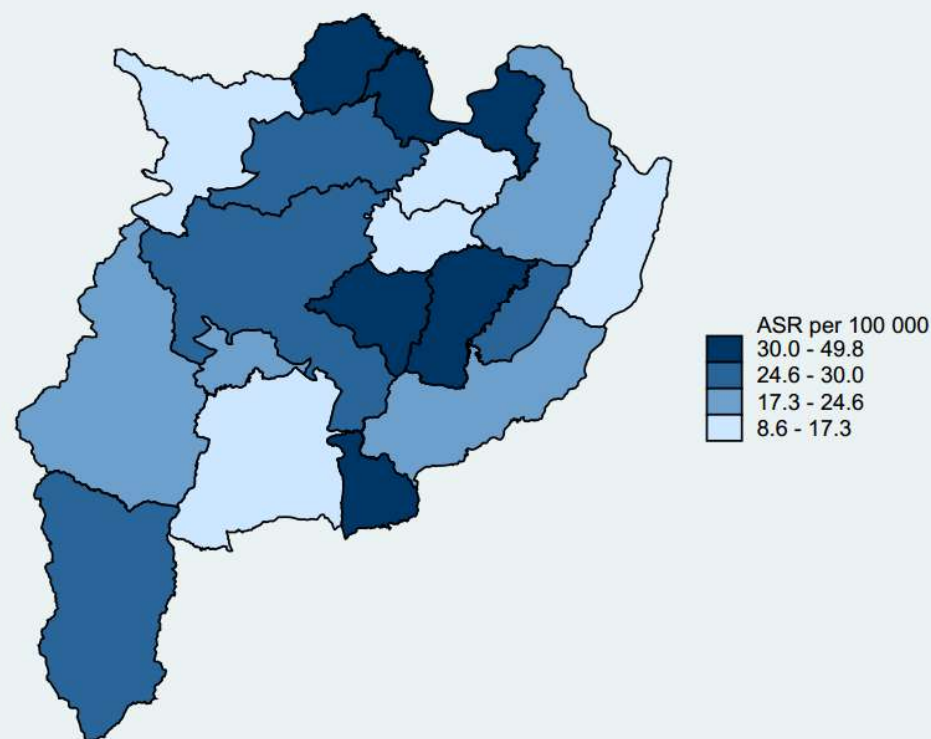
Compare to Mean Annual Incidence Rate of Chiang Rai

# Liver cancer in Chiang Rai, 2008-2012

## Male



## Male CCA cancer

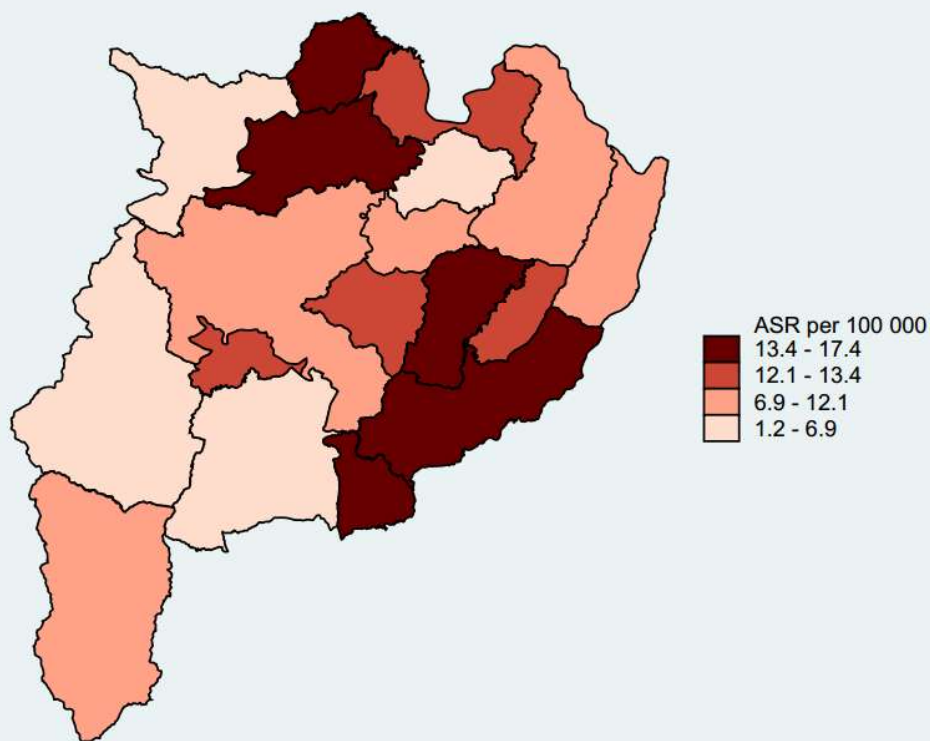


# Liver cancer in Chiang Rai, 2008-2012

## Female

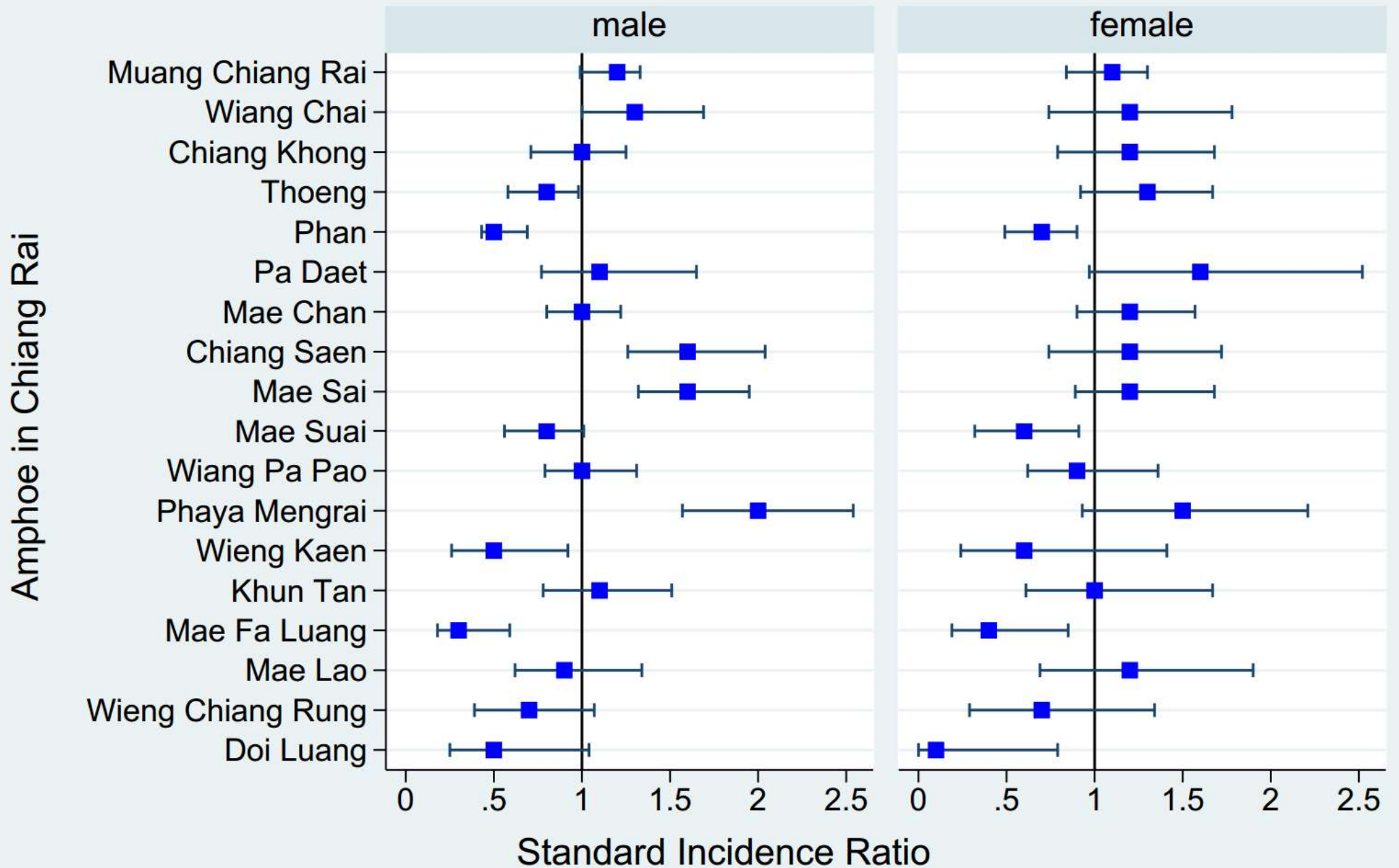


## Female CCA cancer





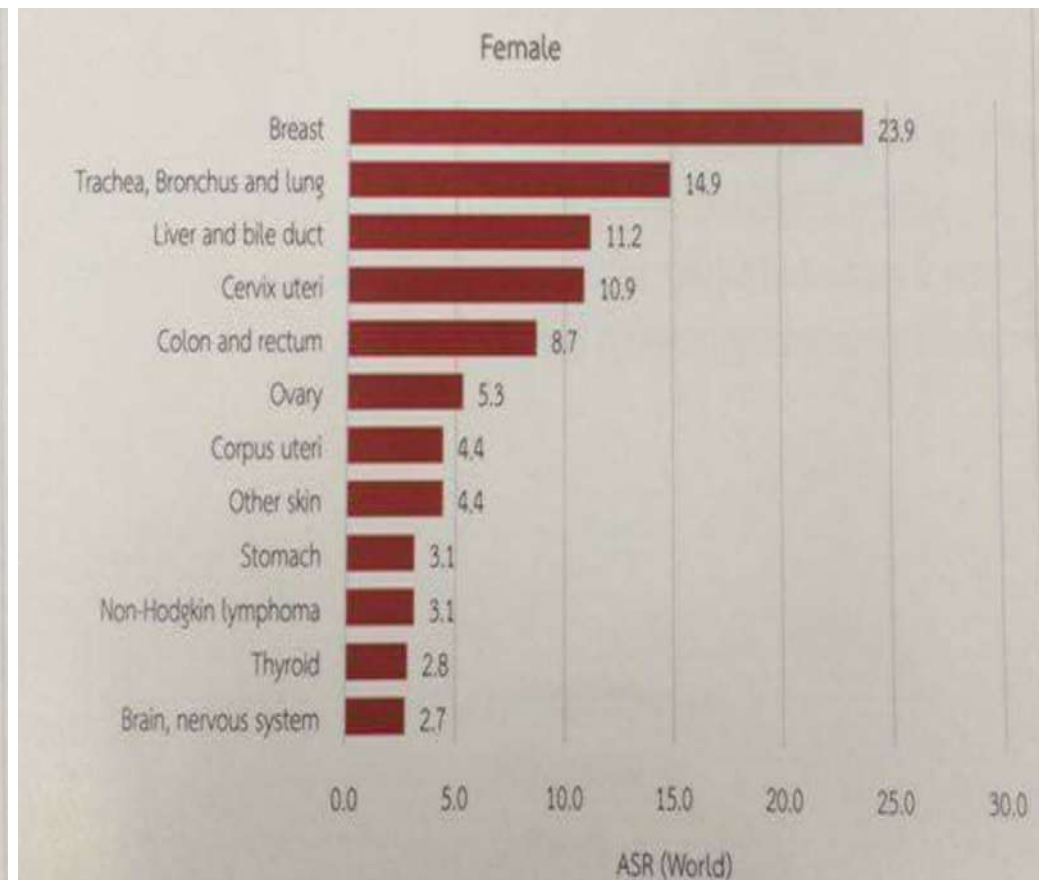
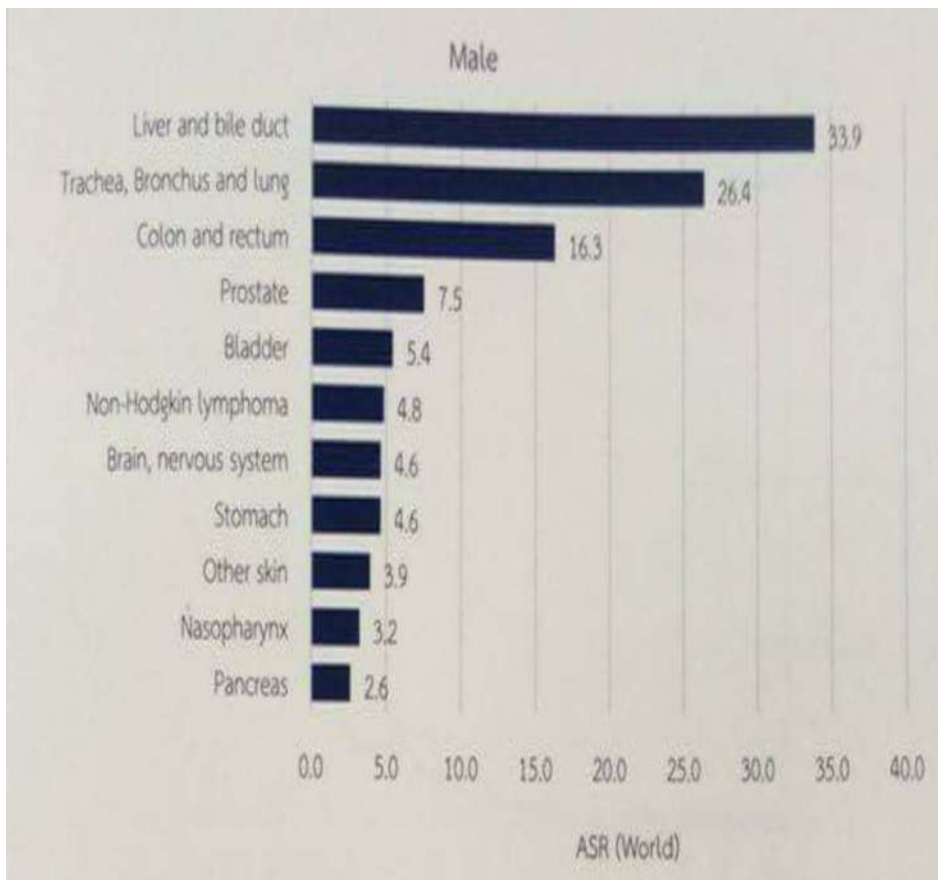
# SIR: CCA, 2008-2012



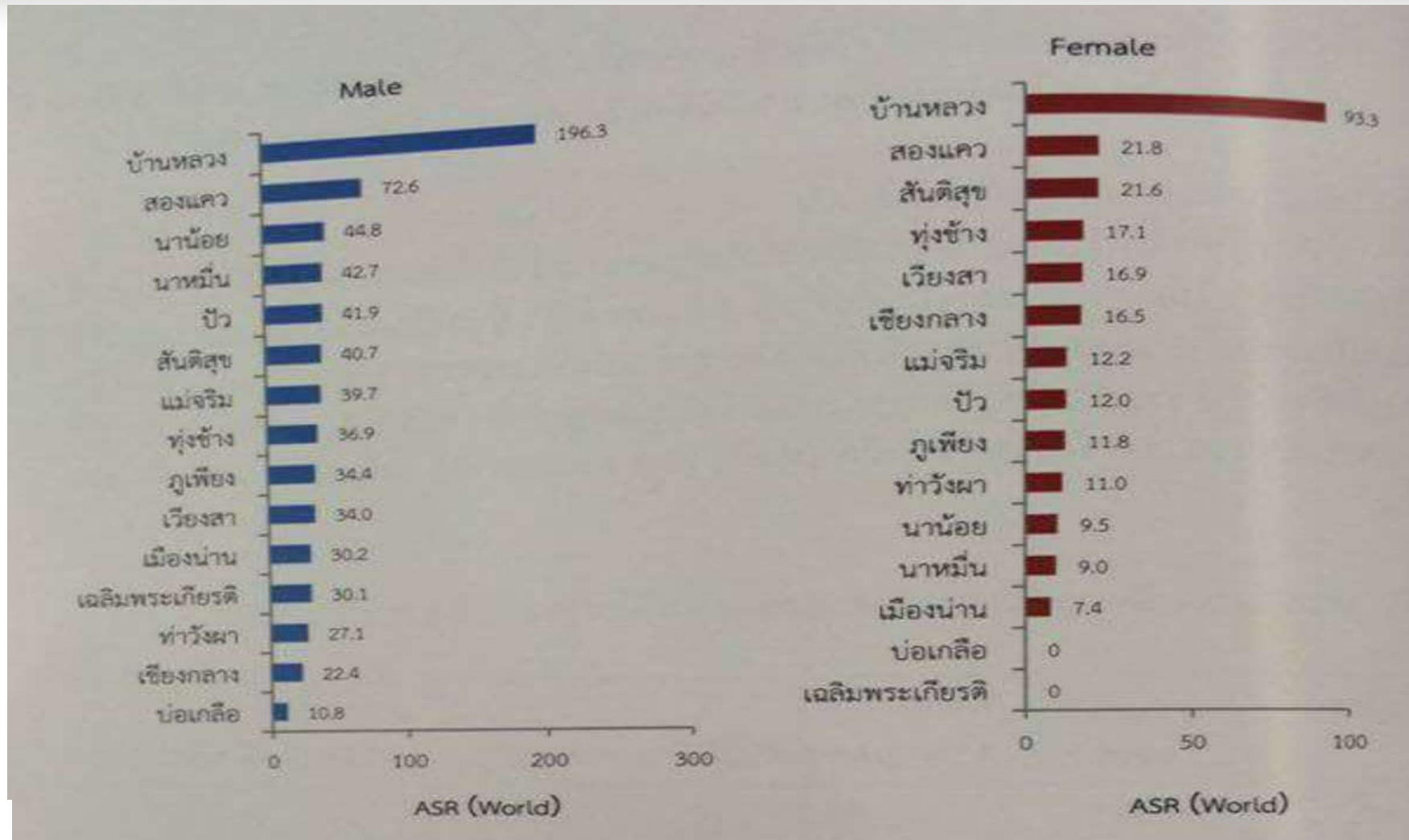
Compare to Mean Annual Incidence Rate of Chiang Rai



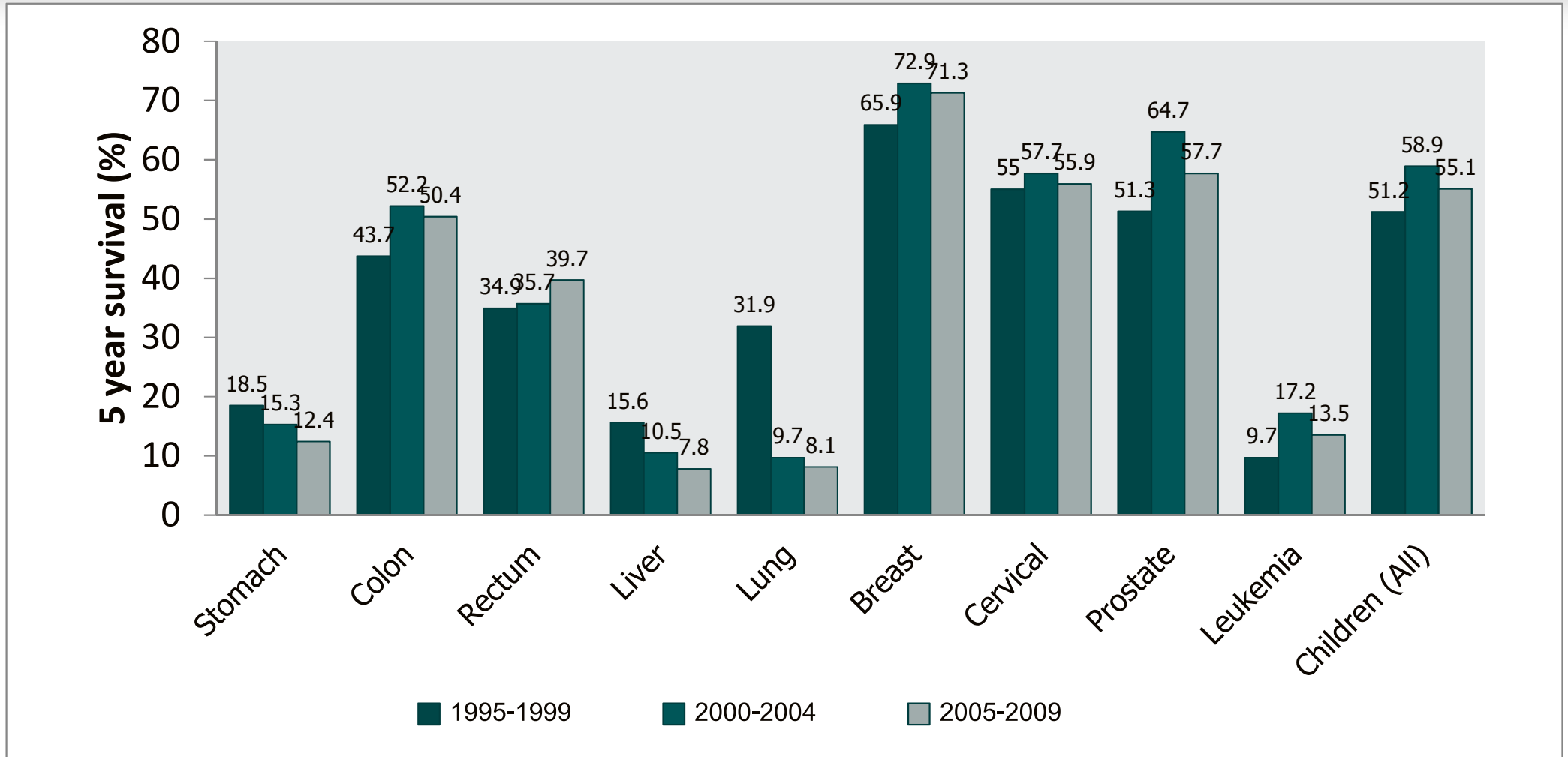
# อุบัติการณ์โรคมะเร็ง จ . น่าน ปีพ.ศ. 2555-2557



# อุบัติการณ์โรคมะเร็งตับและท่อน้ำดีแยกตามอำเภอ จ. น่าน ปีพ.ศ. 2551-2555



# Global surveillance of cancer survival 1995–2009: THAILAND



From: [www.thelancet.com](http://www.thelancet.com) Vol 385 March 14, 2015



กรมการแพทย์  
DEPARTMENT OF MEDICAL SERVICES

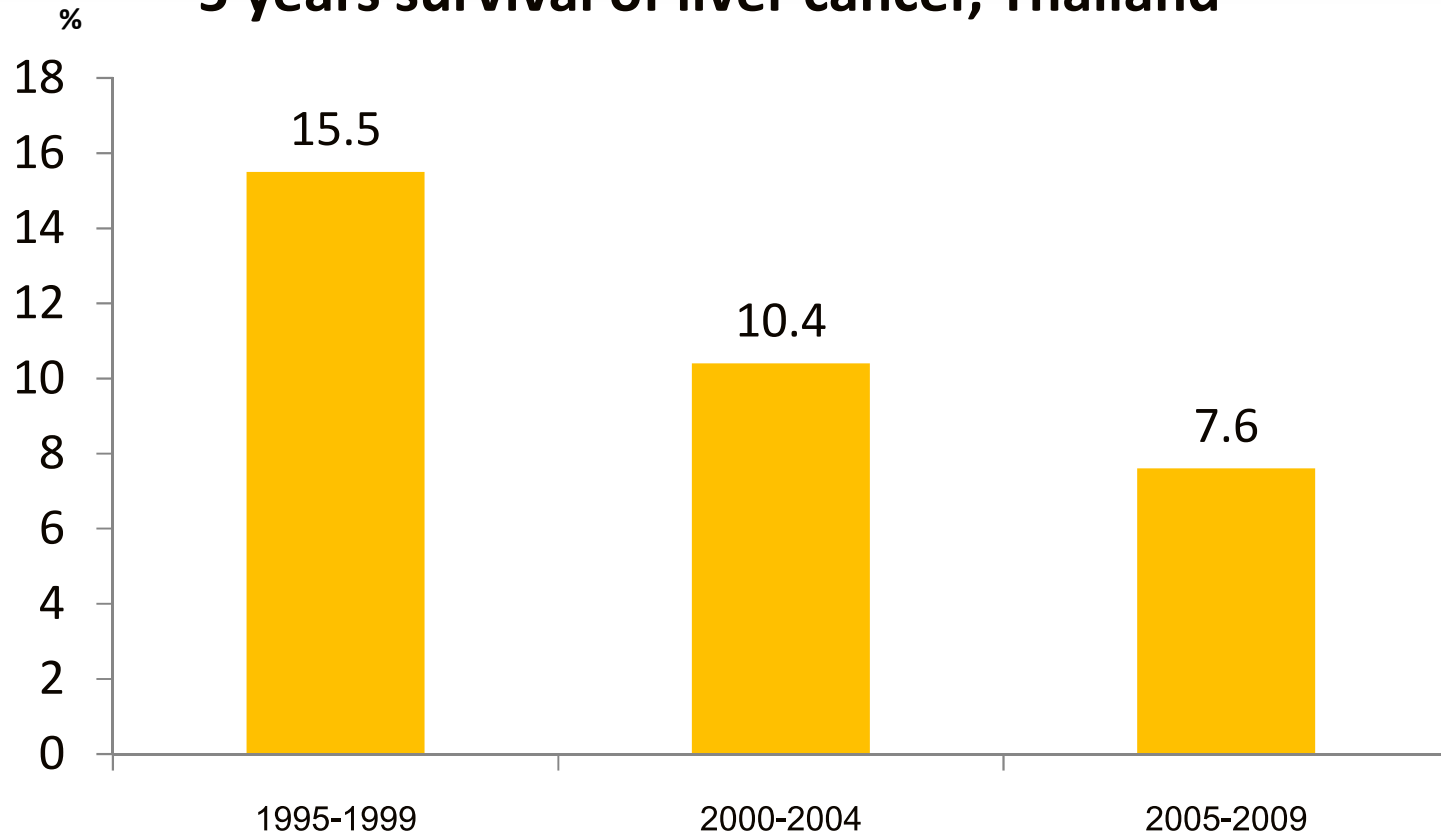
*Lampang Cancer Hospital*



**CONCORD**  
Global surveillance  
of cancer survival

# Global surveillance of cancer survival 1995–2009: analysis of individual data for 25 676 887 patients from 279 population-based registries in 67 countries (CONCORD-2)

## 5 years survival of liver cancer, Thailand



From: [www.thelancet.com](http://www.thelancet.com) Vol 385 March 14, 2015



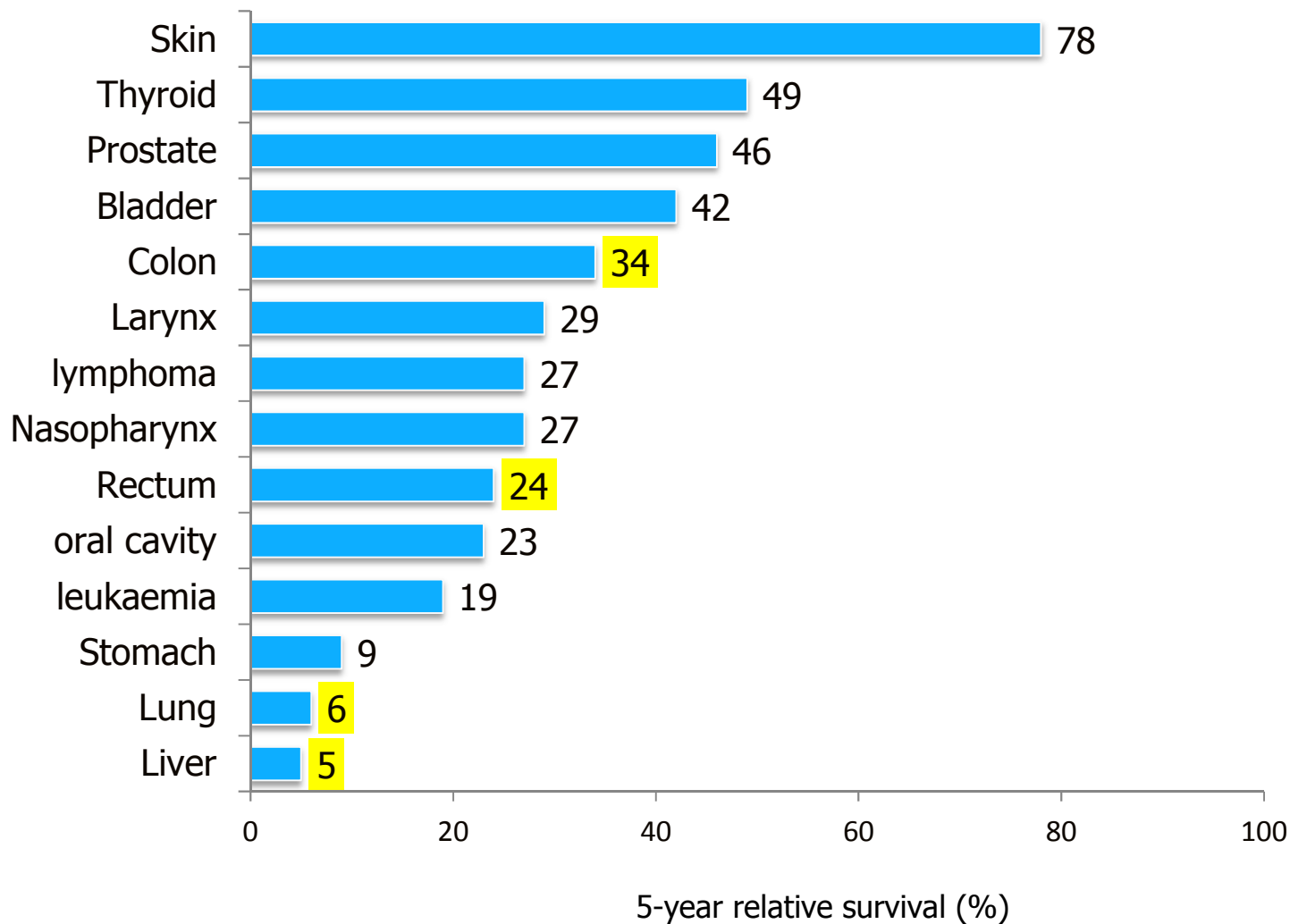
กรมการแพทย์  
DEPARTMENT OF MEDICAL SERVICES

*Lampang Cancer Hospital*



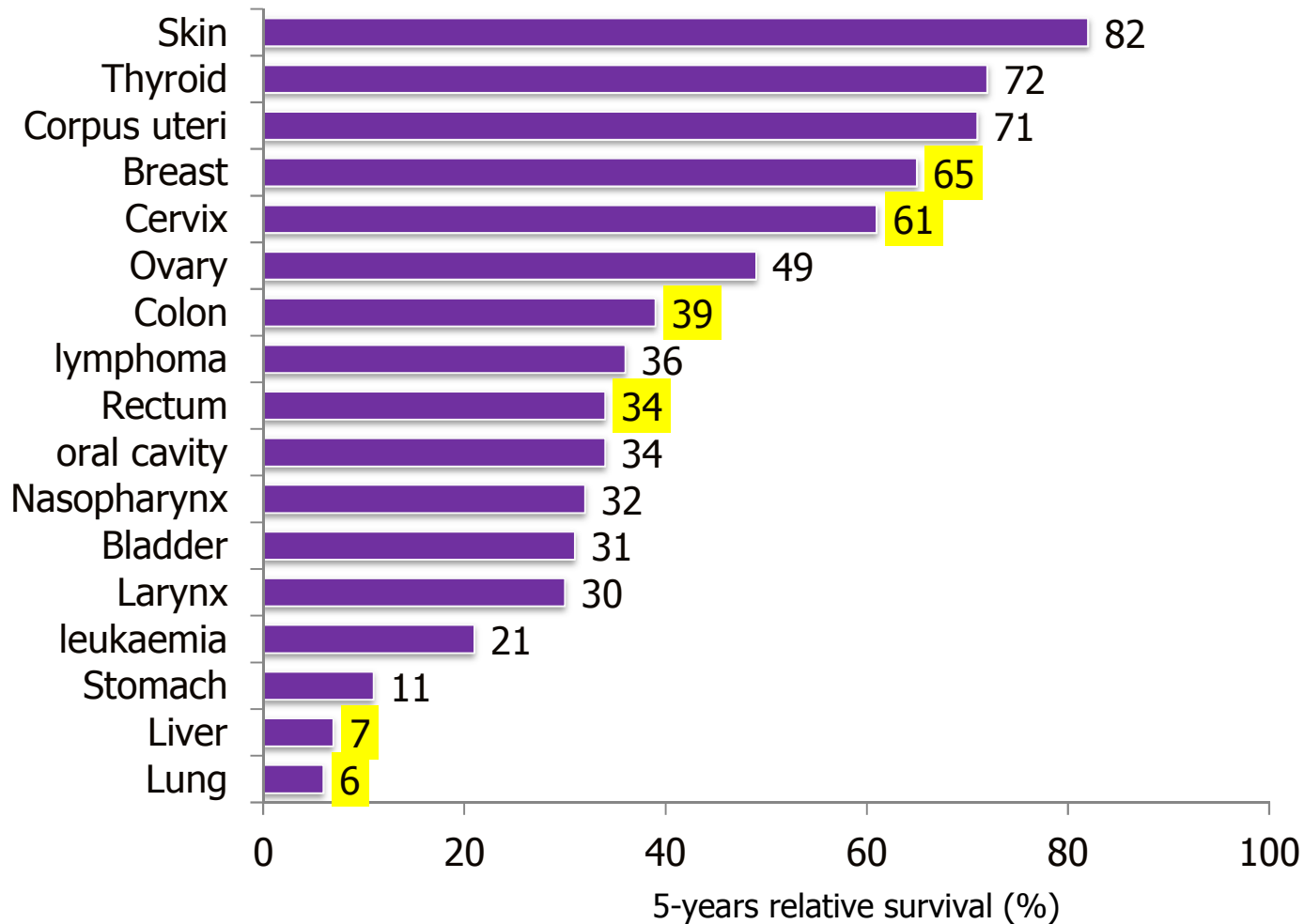
**CONCORD**  
Global surveillance  
of cancer survival

# Overall 5-years relative survival rate of cancers, Lamphang, 1988-2007 (Male)





# Overall 5-years relative survival rate of cancers, Lamphang, 1988-2007 (Female)





# WE CAN

WORK  
TOGETHER



WORLD  
CANCER  
DAY 2016



*Inspire*

# I CAN

*love*



WORLD  
CANCER  
DAY.  
ORG

JOIN US ON 4 FEBRUARY

