Thailand's burden of trauma and surgical emergency conditions

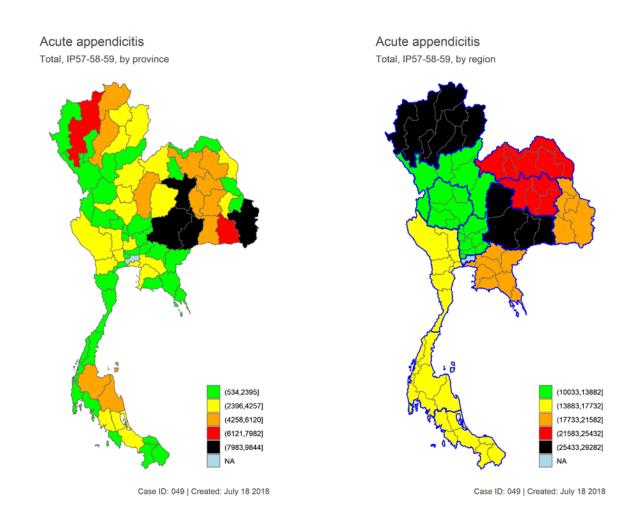
นพ.สมประสงค์ ทองมีสี

เลขานุการอนุกรรมการพัฒนาฐานข้อมูลการบาดเจ็บและภาวะฉุกเฉิน

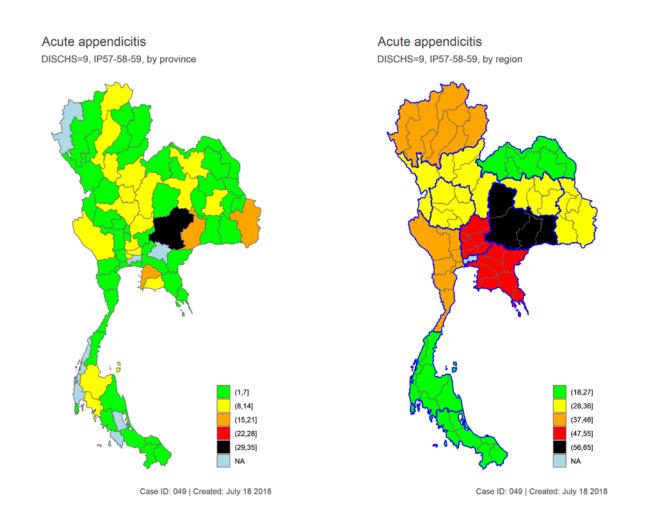
SP:Trauma&emergency กระทรวงสาธารณสุข

20 กรกฎาคม 2561

K352,K353,K358 = Acute appendicitis

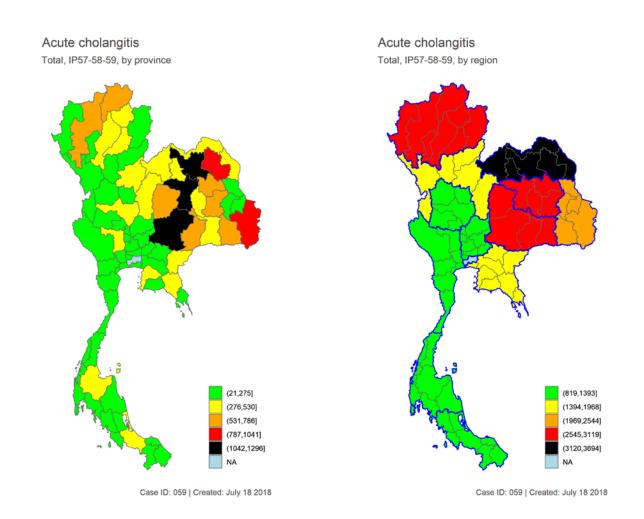


K352,K353,K358 = Acute appendicitis



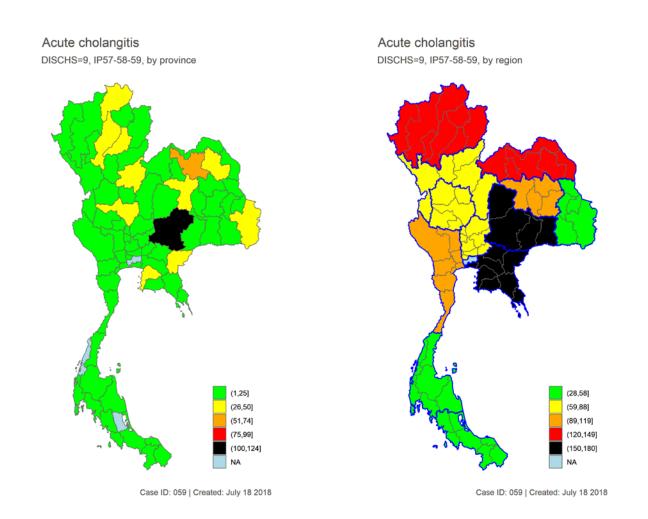
Number of dead patients (2014-2016)

K803,K830 = Acute cholangitis



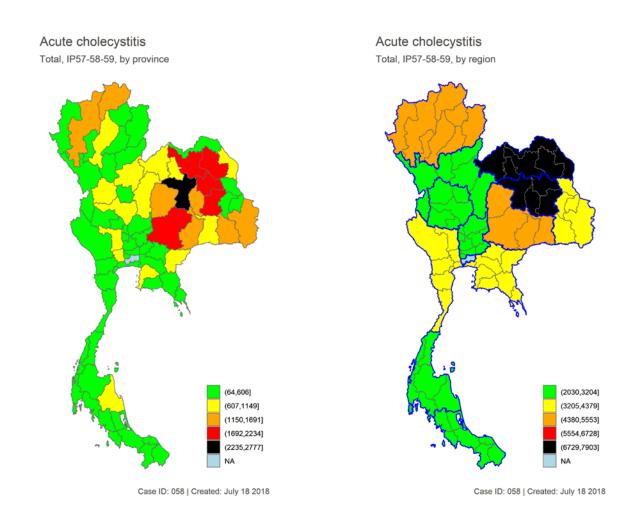
Number of patients (2014-2016)

K803,K830 = Acute cholangitis

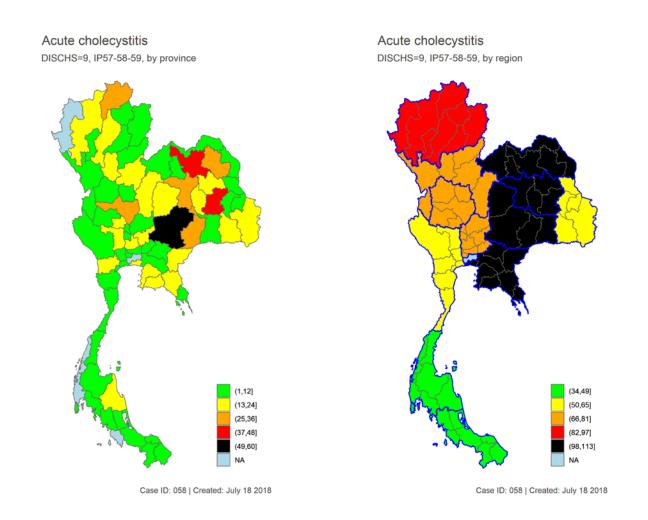


Number of dead patients (2014-2016)

K800,K804,K810 = Acute cholecystitis

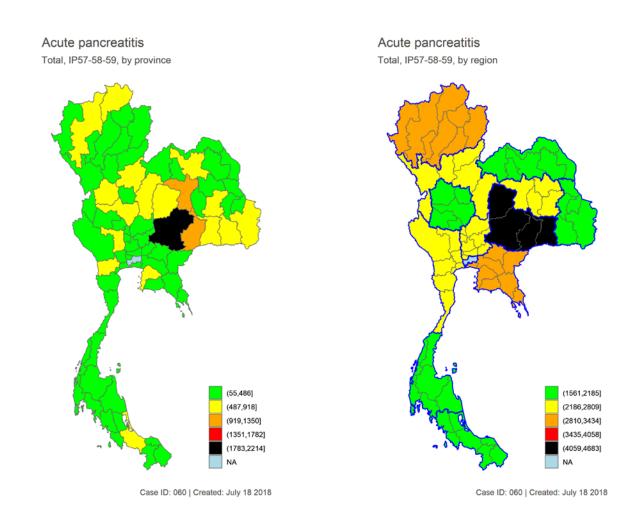


K800,K804,K810 = Acute cholecystitis



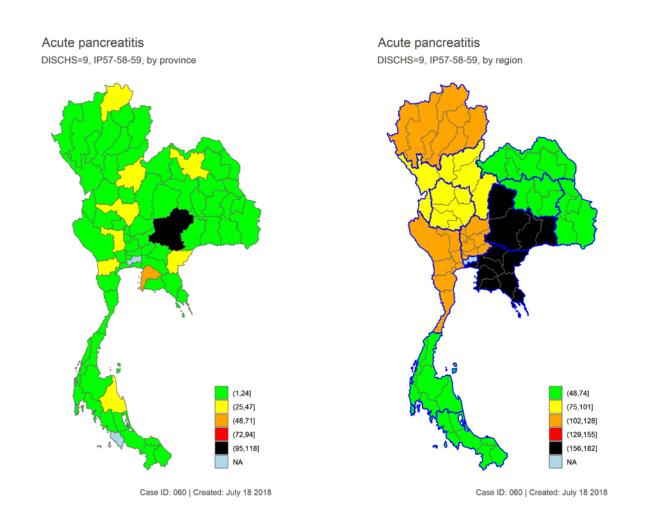
Number of dead patients (2014-2016)

K85 = Acute pancreatitis



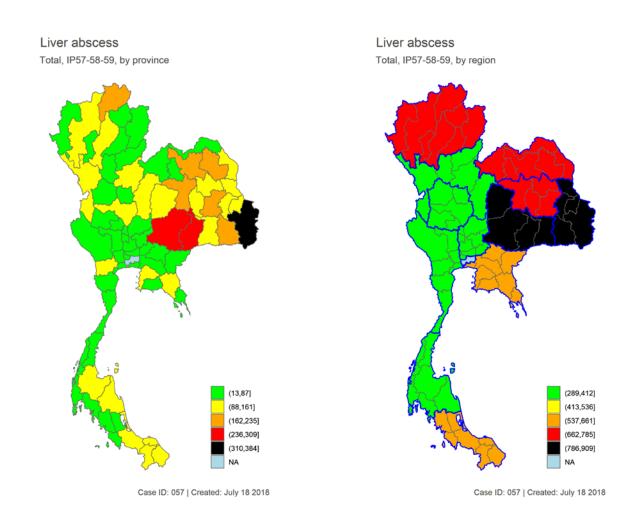
Number of patients (2014-2016)

K85 = Acute pancreatitis



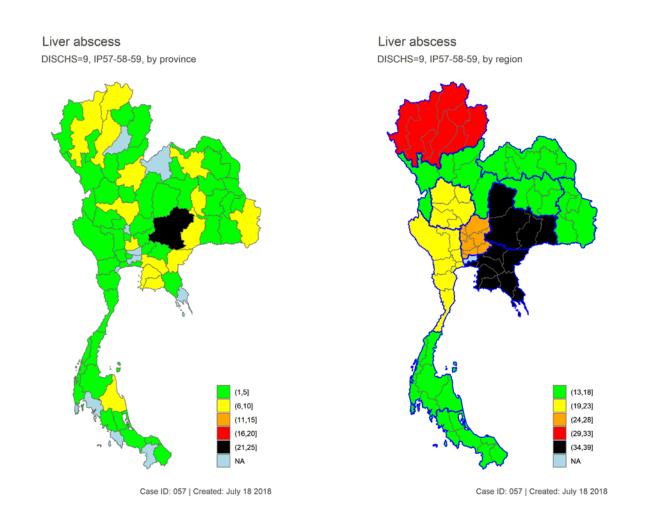
Number of dead patients (2014-2016)

K750,A064 = Liver abscess



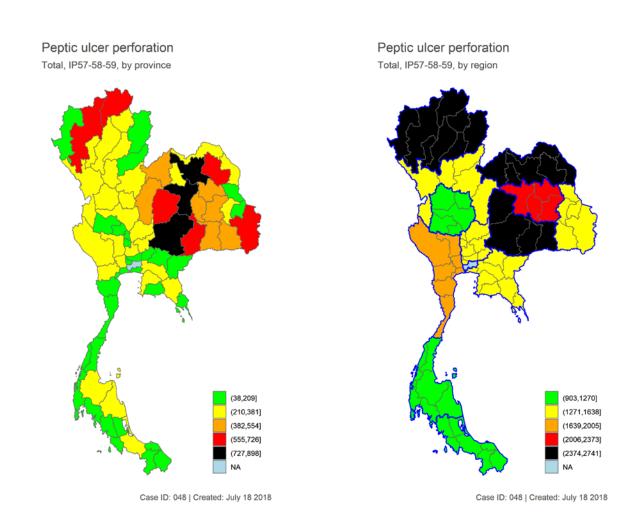
Number of patients (2014-2016)

K750,A064 = Liver abscess



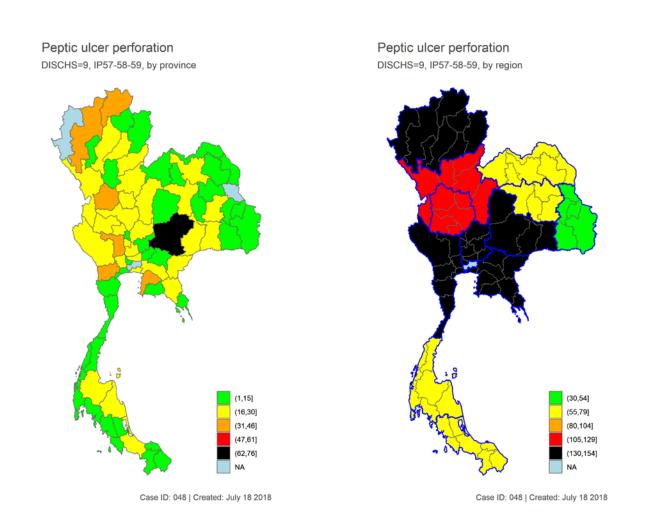
Number of dead patients (2014-2016)

K251,K252,K255,K261,K262,K265,K271,K272,K275 = Peptic ulcer perforation



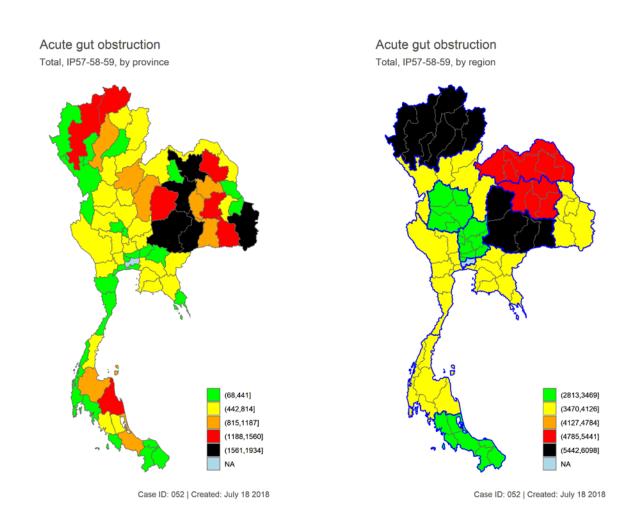
Number of patients (2014-2016)

K251,K252,K255,K261,K262,K265,K271,K272,K275 = Peptic ulcer perforation

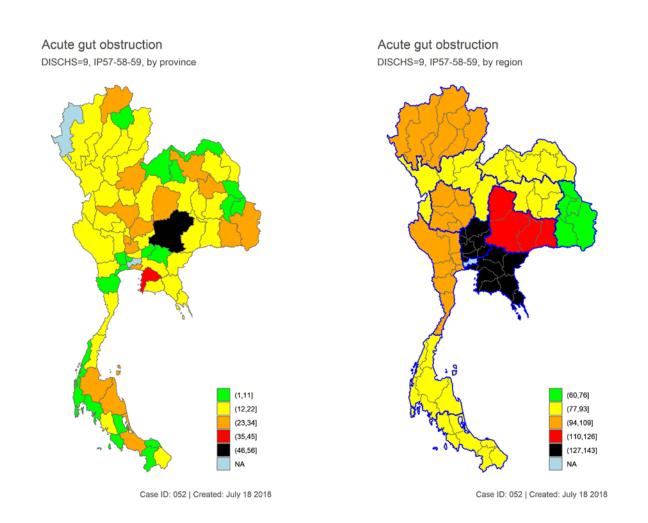


Number of dead patients (2014-2016)

K561 - K566 = Acute gut obstruction

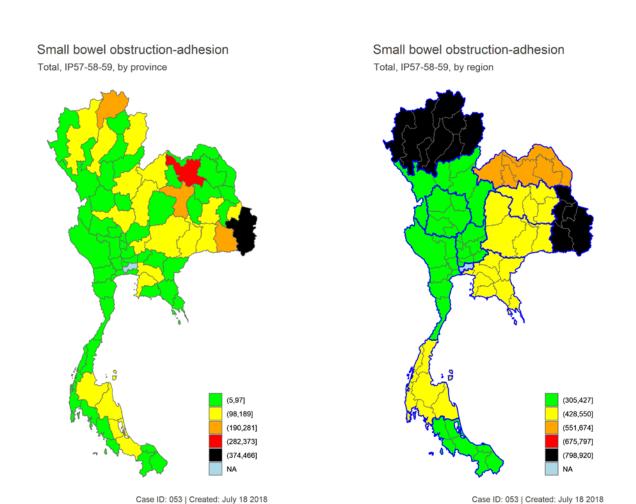


K561 - K566 = Acute gut obstruction

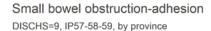


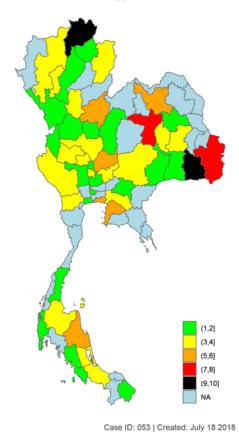
Number of dead patients (2014-2016)

K565 = Small bowel obstruction-adhesion

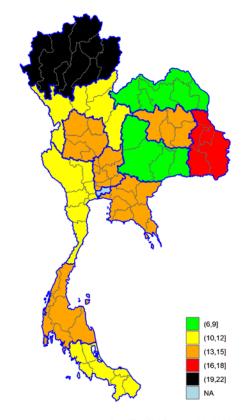


K565 = Small bowel obstruction-adhesion



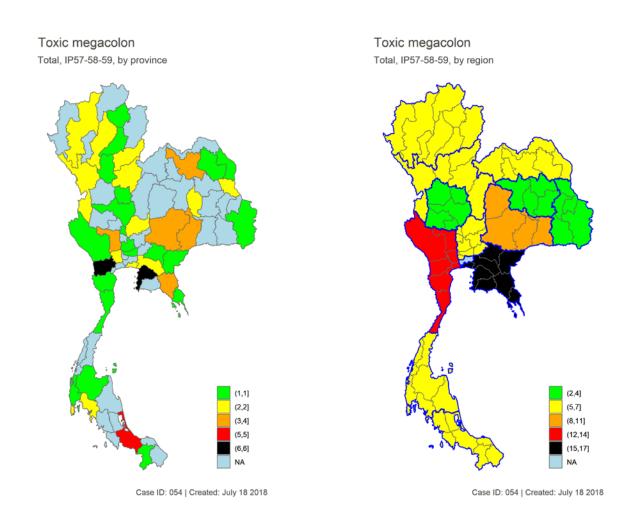


Small bowel obstruction-adhesion DISCHS=9, IP57-58-59, by region

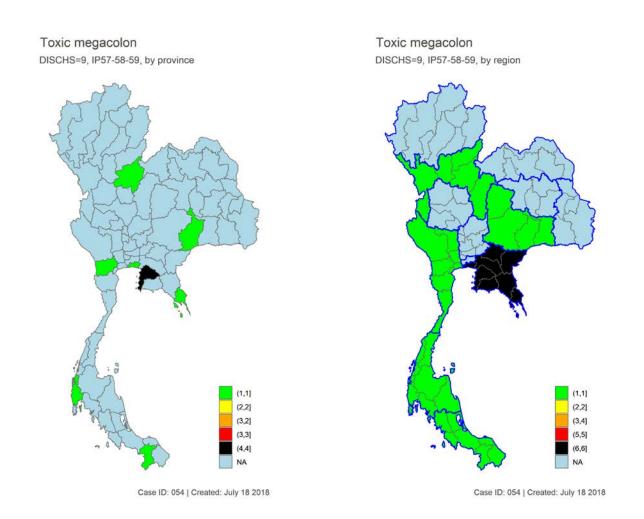


Case ID: 053 | Created: July 18 2018

K593 = Toxic megacolon

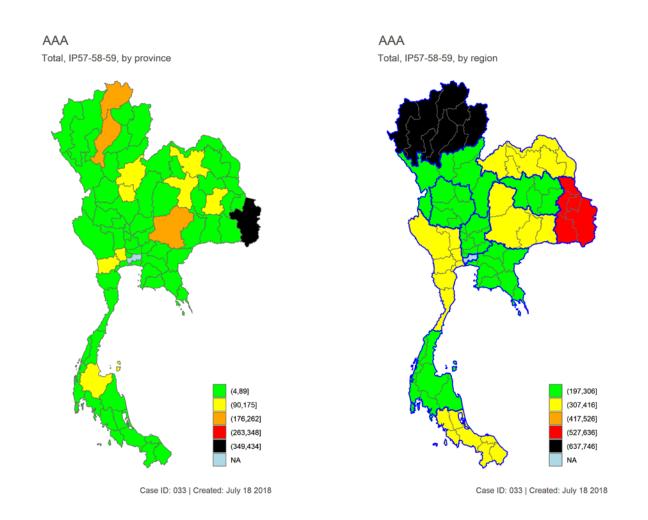


K593 = Toxic megacolon



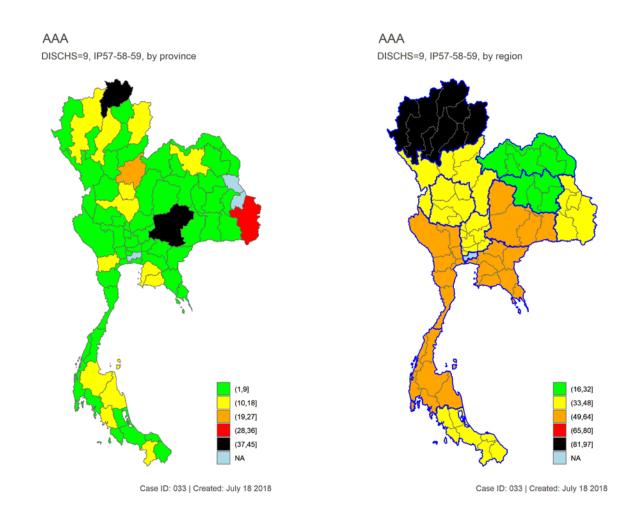
Number of dead patients (2014-2016)

1713,1714 = AAA



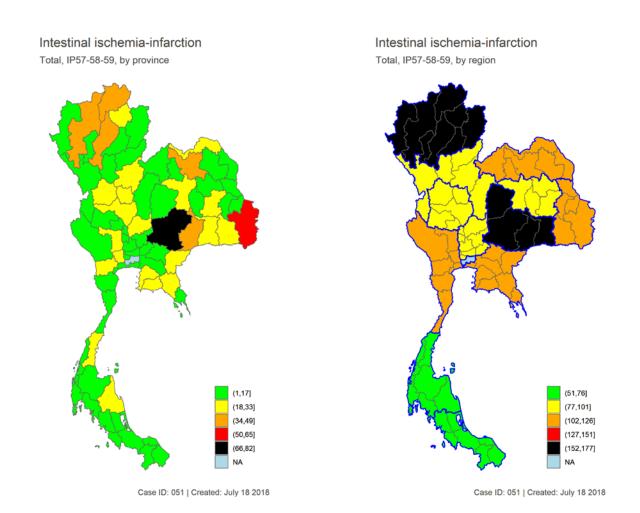
Number of patients (2014-2016)

1713,1714 = AAA

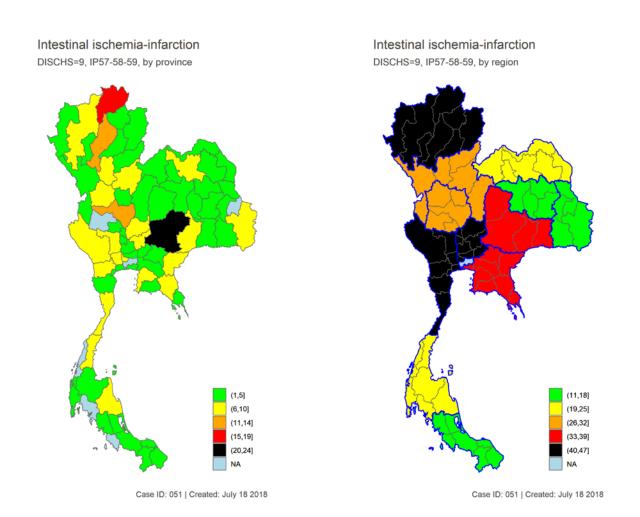


Number of dead patients (2014-2016)

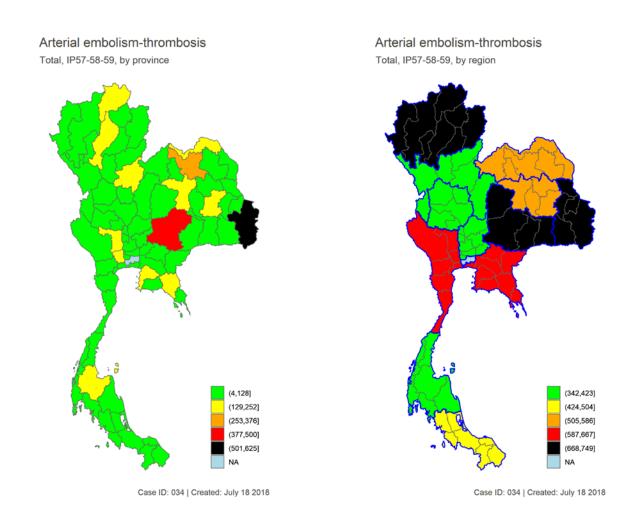
K550 = Intestinal ischemia-infarction



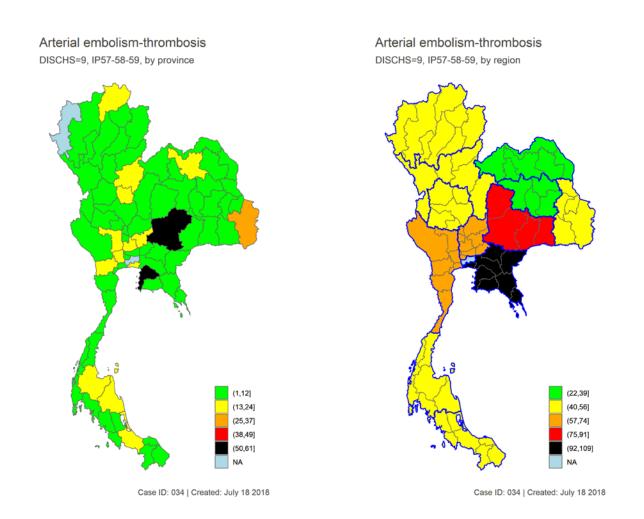
K550 = Intestinal ischemia-infarction



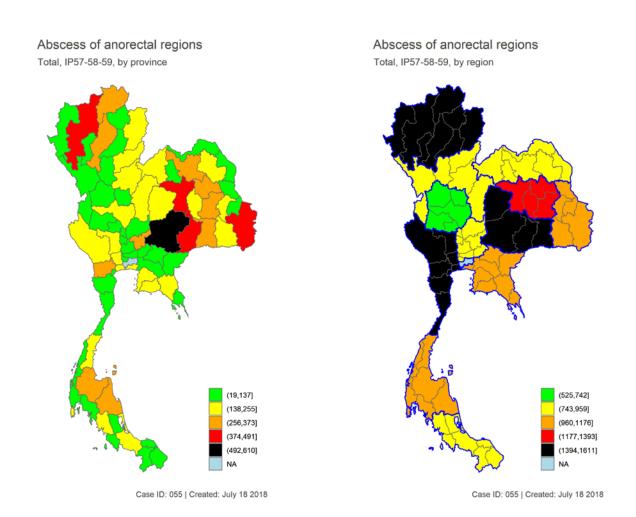
174 = Arterial embolism-thrombosis



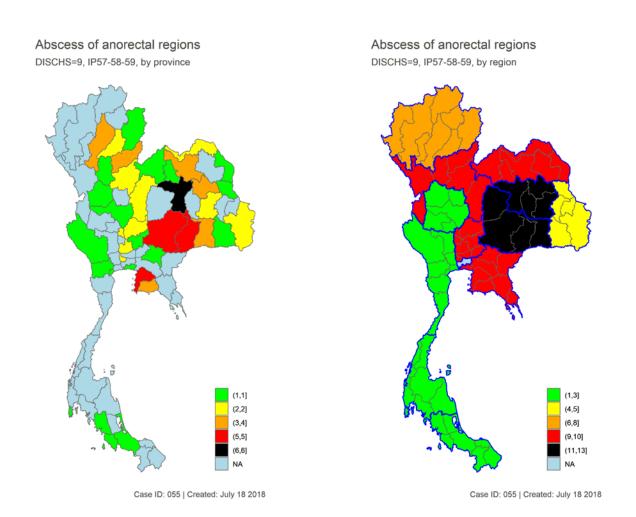
174 = Arterial embolism-thrombosis



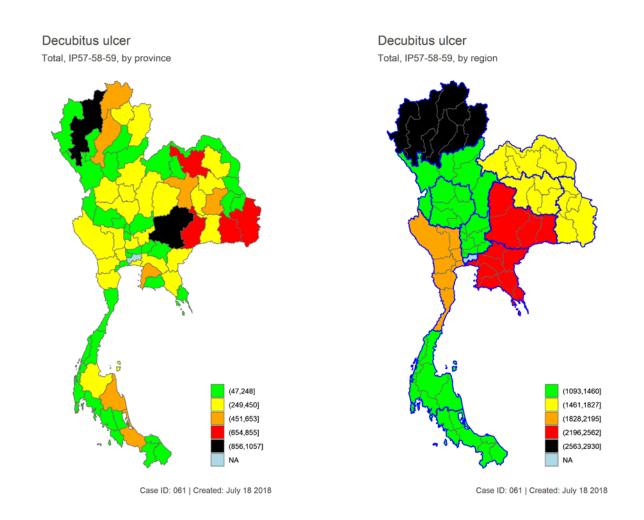
K61 = Abscess of anorectal regions



K61 = Abscess of anorectal regions

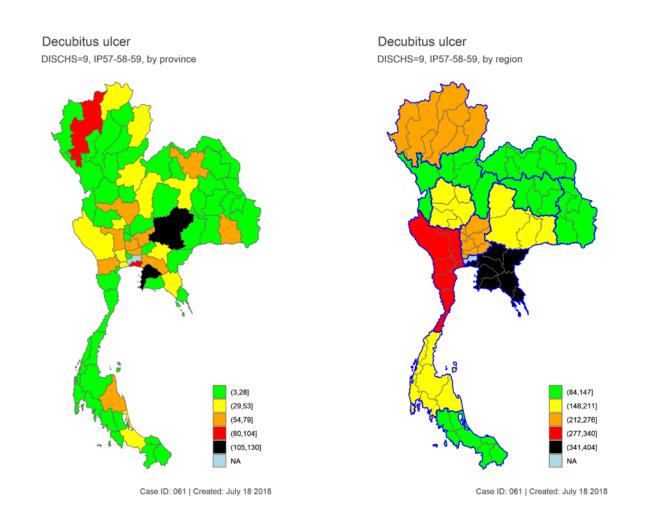


L890-L893 = Decubitus ulcer



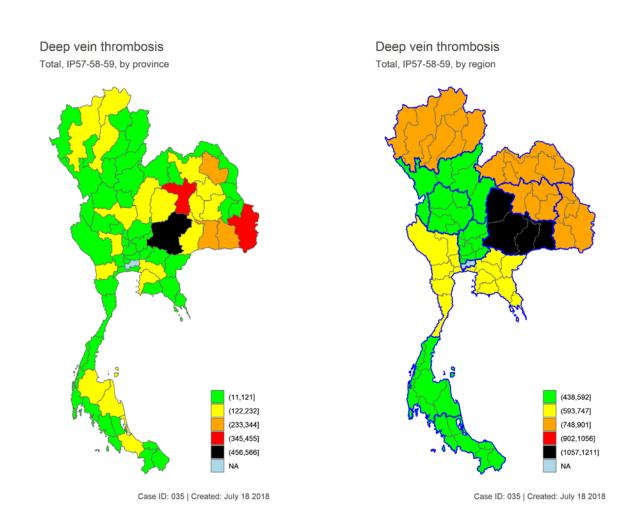
Number of patients (2014-2016)

L890-L893 = Decubitus ulcer

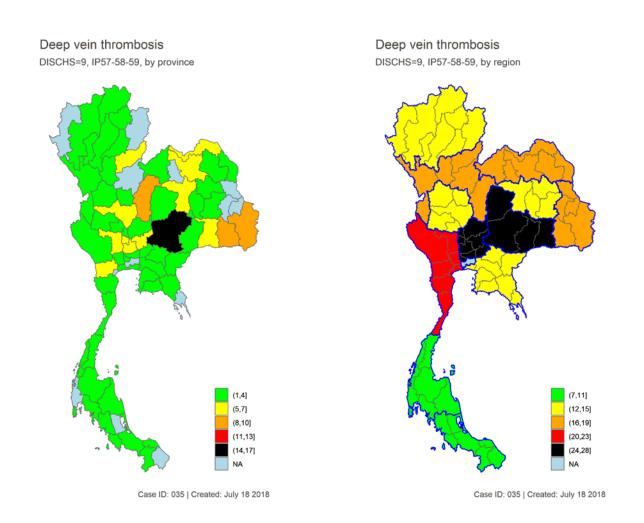


Number of dead patients (2014-2016)

1801,1802,1803 = Deep vein thrombosis

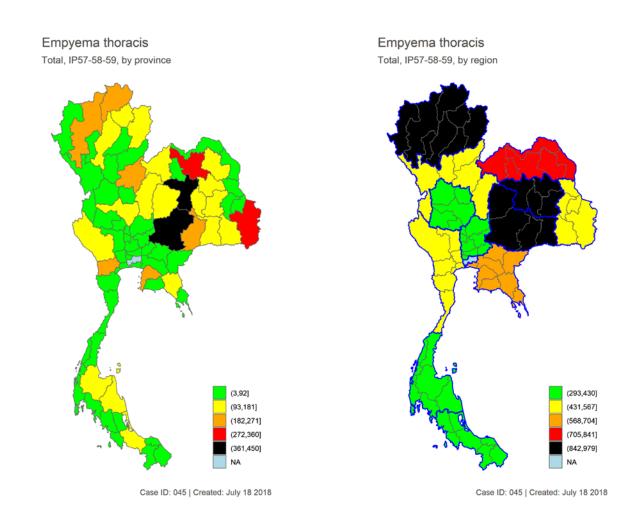


1801,1802,1803 = Deep vein thrombosis



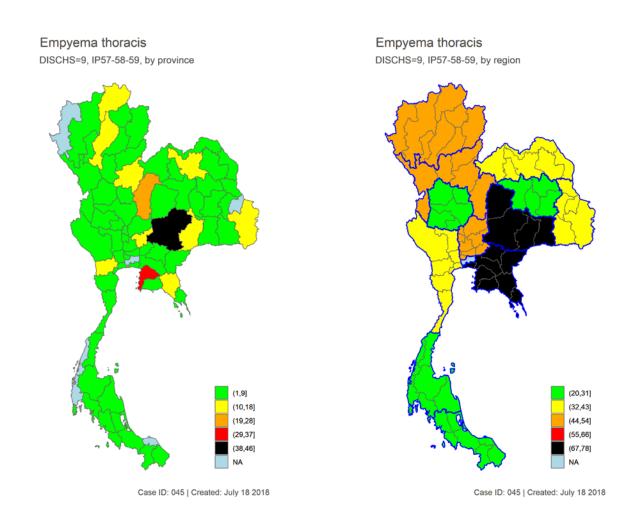
Number of dead patients (2014-2016)

J86 = Empyema thoracis



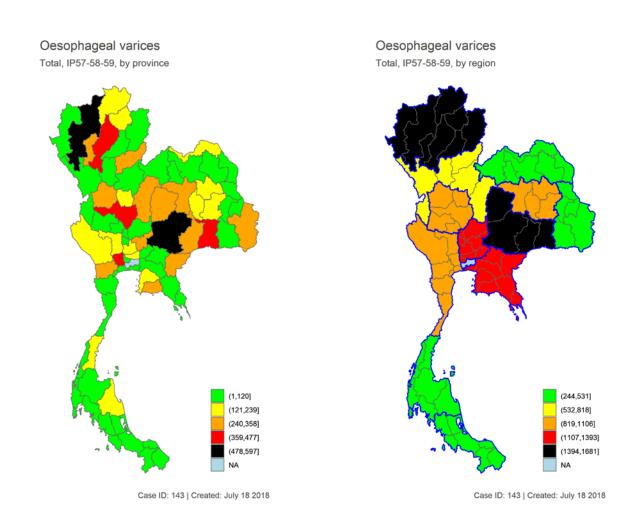
Number of patients (2014-2016)

J86 = Empyema thoracis



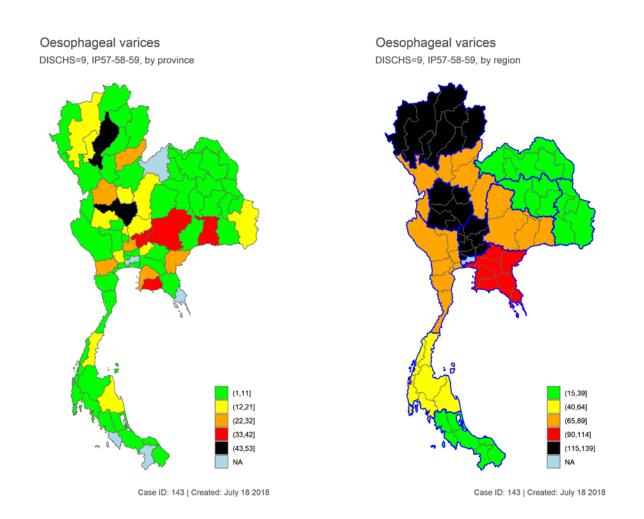
Number of dead patients (2014-2016)

1850,1859 = Oesophageal varices



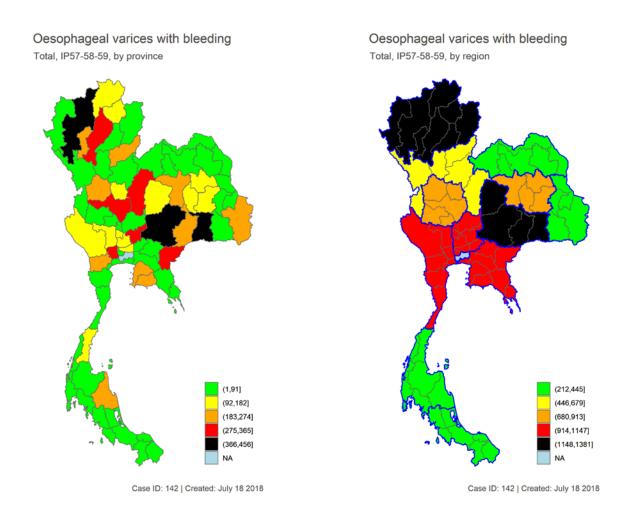
Number of patients (2014-2016)

1850,1859 = Oesophageal varices

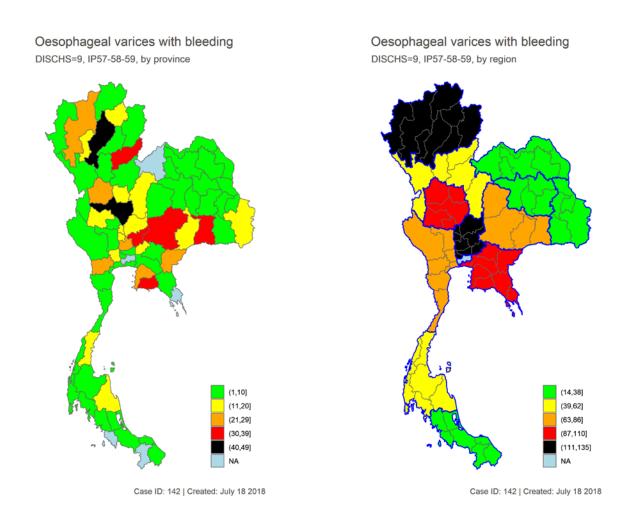


Number of dead patients (2014-2016)

1850 = Oesophageal varices with bleeding

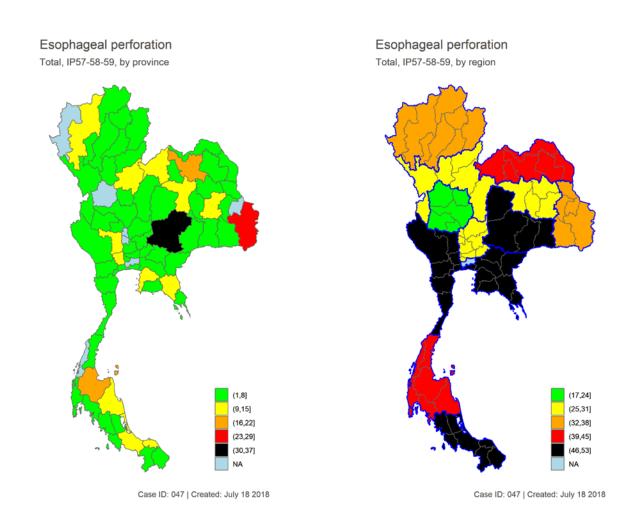


1850 = Oesophageal varices with bleeding

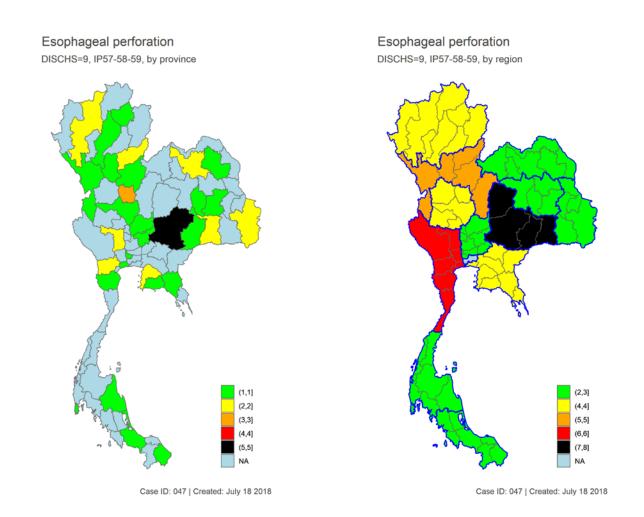


Number of dead patients (2014-2016)

K223,S278 = Esophageal perforation



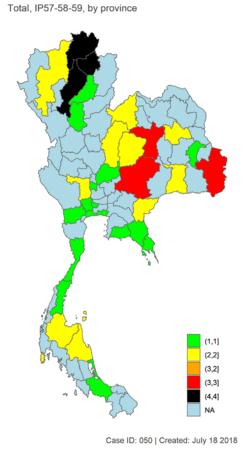
K223,S278 = Esophageal perforation



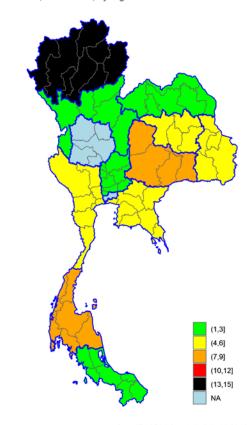
Number of dead patients (2014-2016)

K440,K441 = Diaphragmatic hernia-complicated

Diaphragmatic hernia-complicated

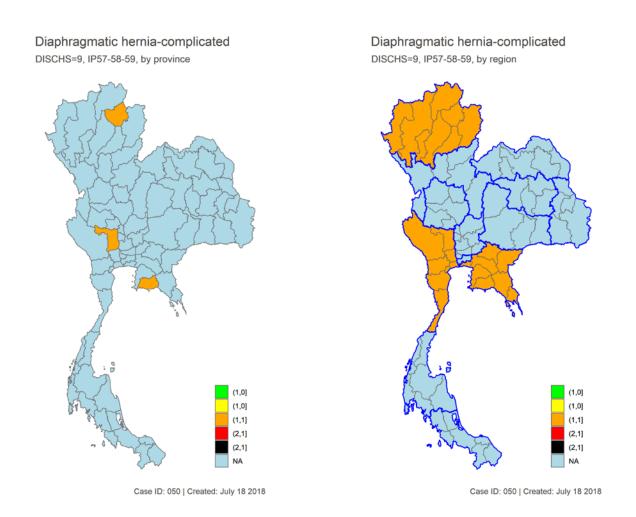


Diaphragmatic hernia-complicated Total, IP57-58-59, by region

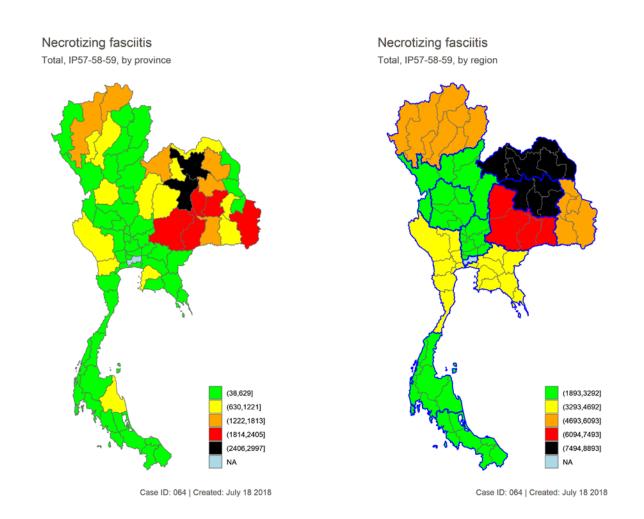


Case ID: 050 | Created: July 18 2018

K440,K441 = Diaphragmatic hernia-complicated

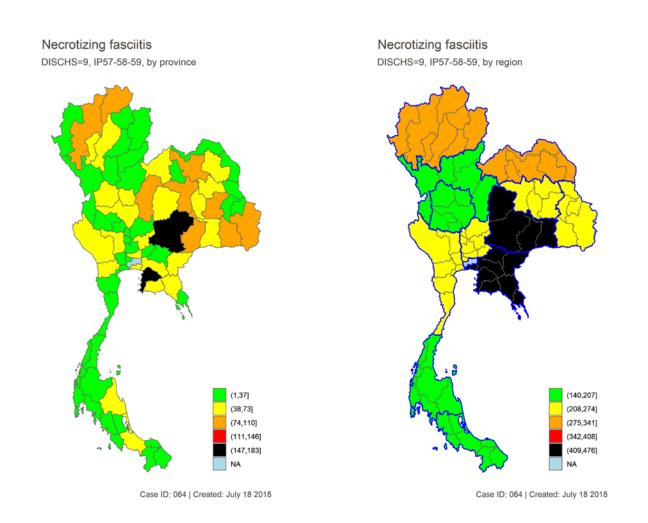


M7260 - M7269 = Necrotizing fasciitis



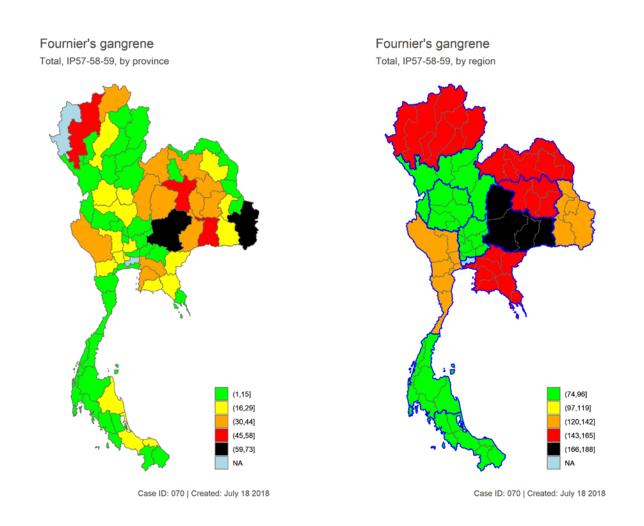
Number of patients (2014-2016)

M7260 - M7269 = Necrotizing fasciitis

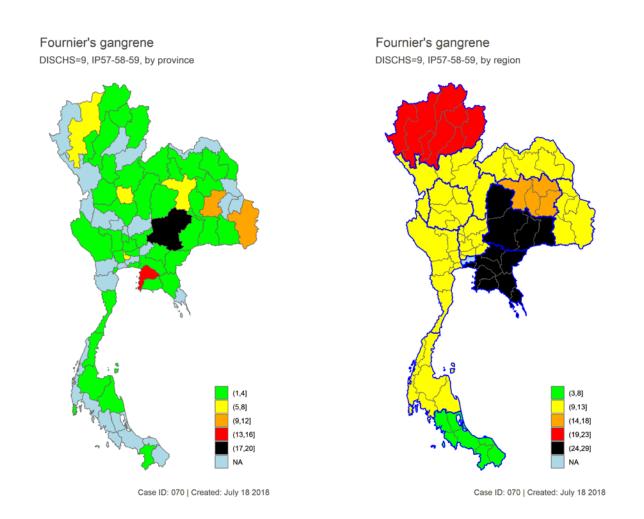


Number of dead patients (2014-2016)

N768,N498 = Fournier's gangrene

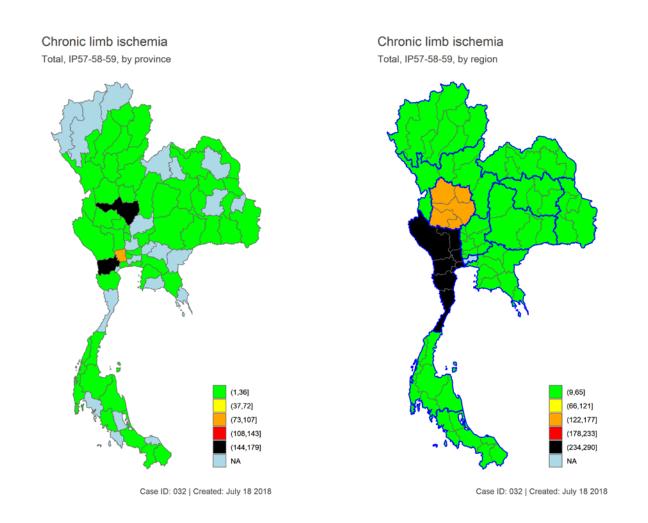


N768,N498 = Fournier's gangrene

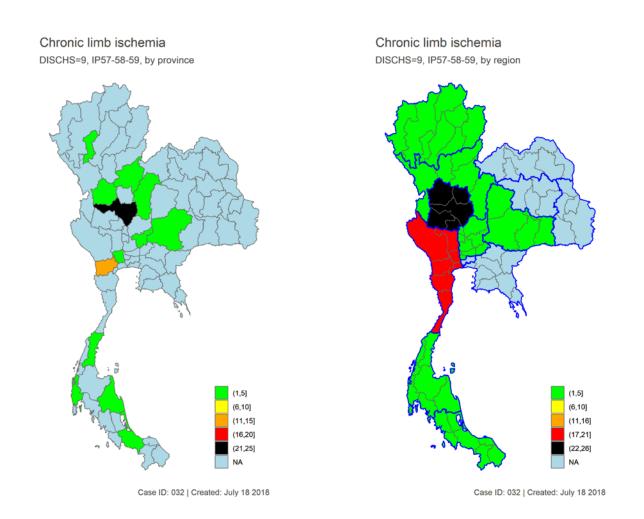


Number of dead patients (2014-2016)

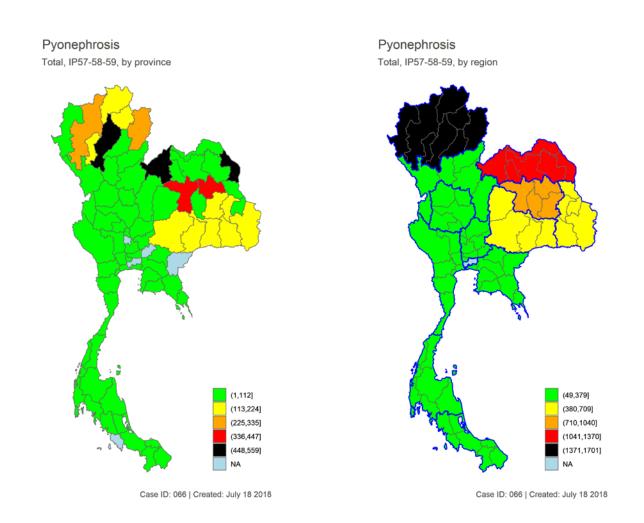
1702 = Chronic limb ischemia



1702 = Chronic limb ischemia

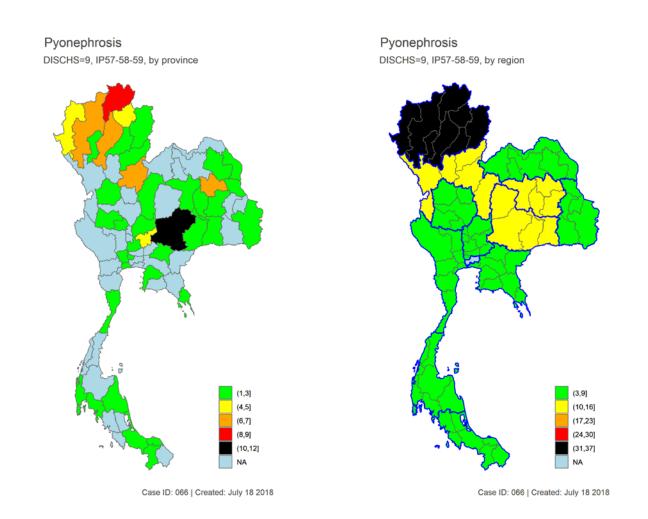


N136 = Pyonephrosis



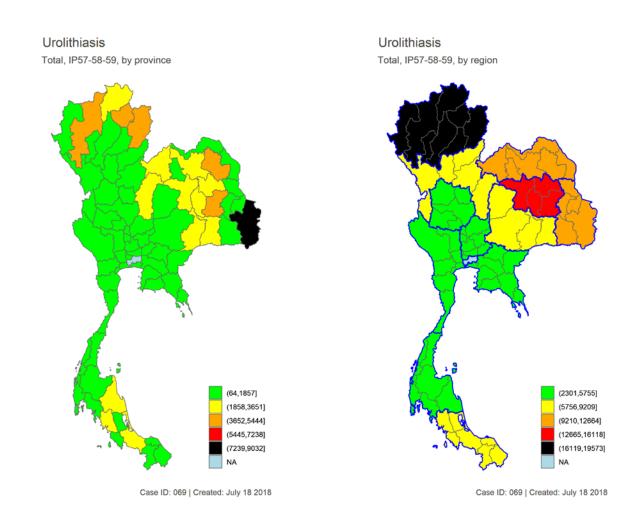
Number of patients (2014-2016)

N136 = Pyonephrosis



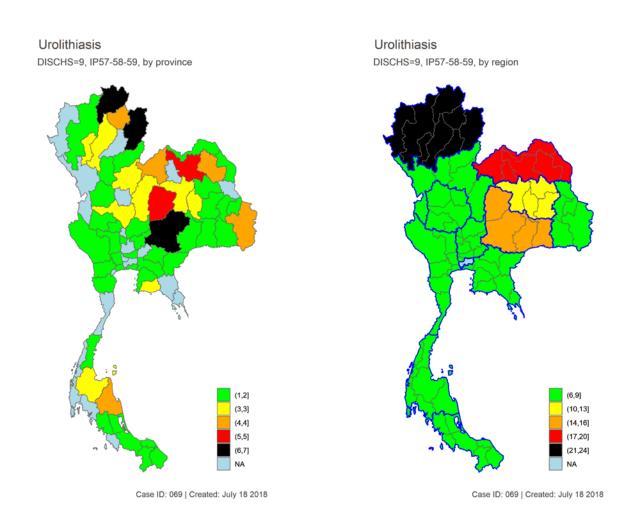
Number of dead patients (2014-2016)

N20 - N23 = Urolithiasis



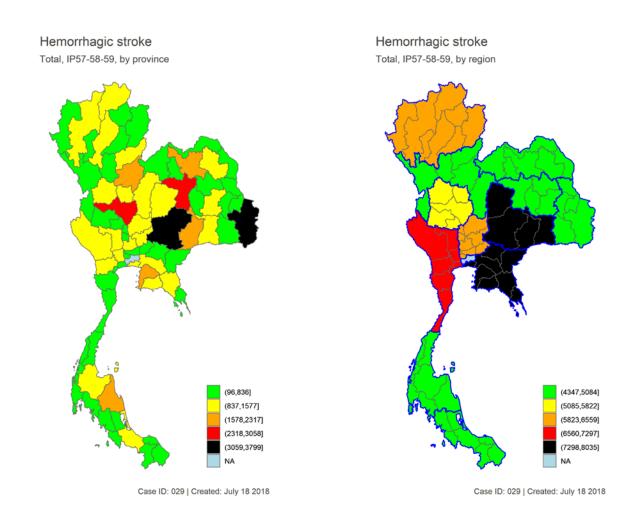
Number of patients (2014-2016)

N20 - N23 = Urolithiasis



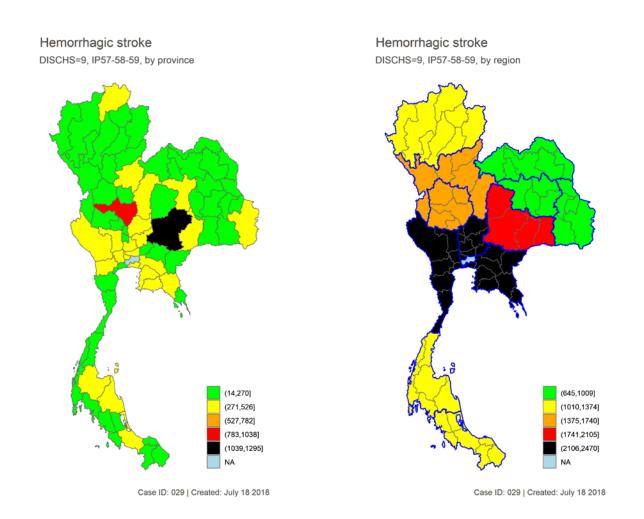
Number of dead patients (2014-2016)

161 = Hemorrhagic stroke



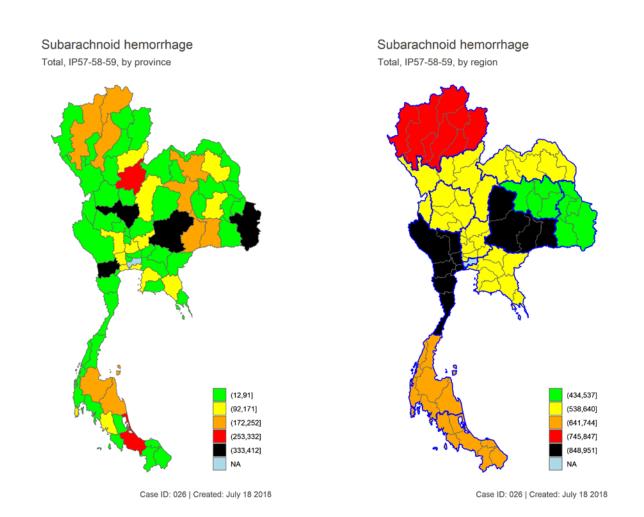
Number of patients (2014-2016)

161 = Hemorrhagic stroke

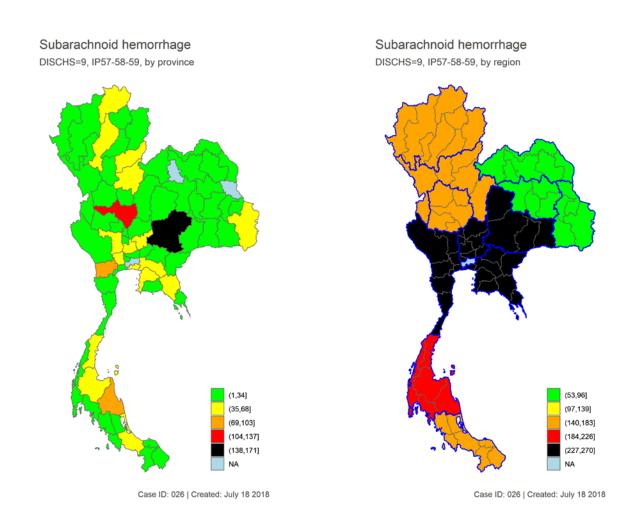


Number of dead patients (2014-2016)

160 = Subarachnoid hemorrhage

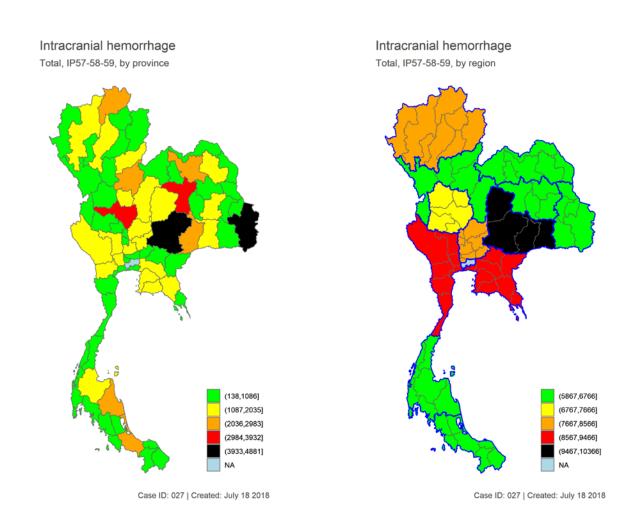


160 = Subarachnoid hemorrhage

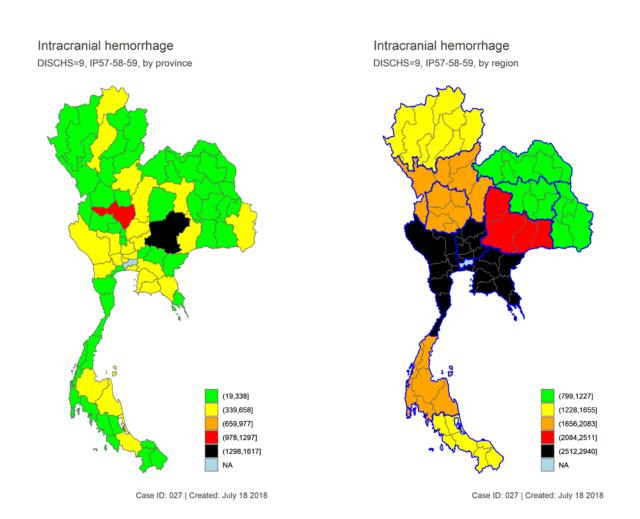


Number of dead patients (2014-2016)

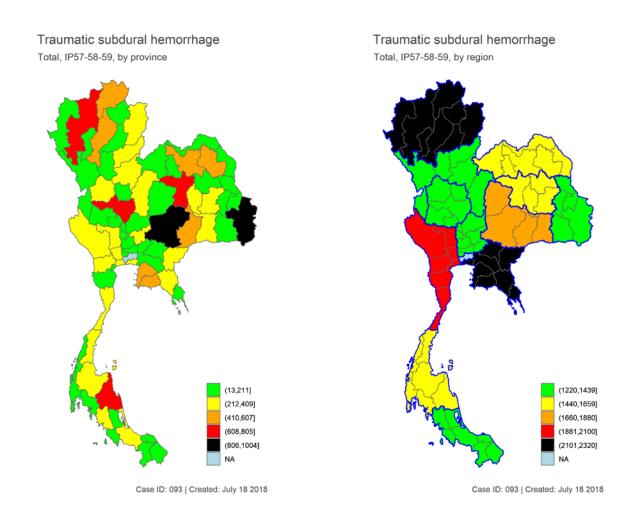
160 - 162 = Intracranial hemorrhage



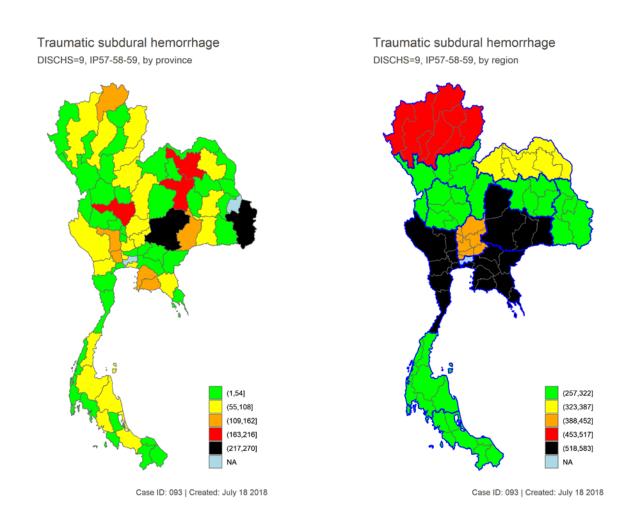
160 - 162 = Intracranial hemorrhage



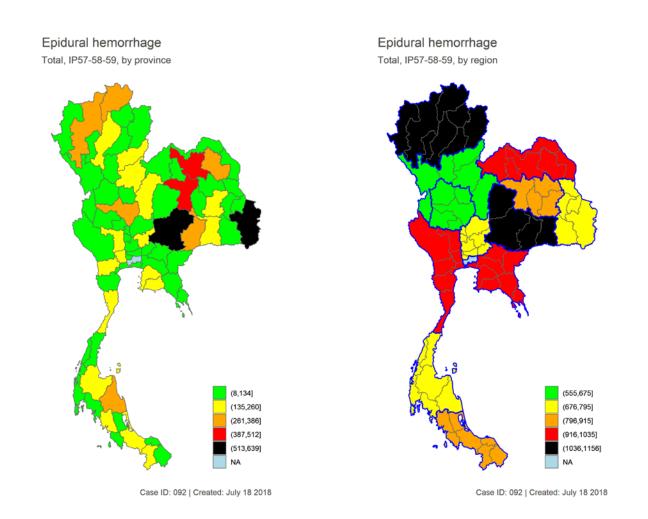
S065 = Traumatic subdural hemorrhage



S065 = Traumatic subdural hemorrhage

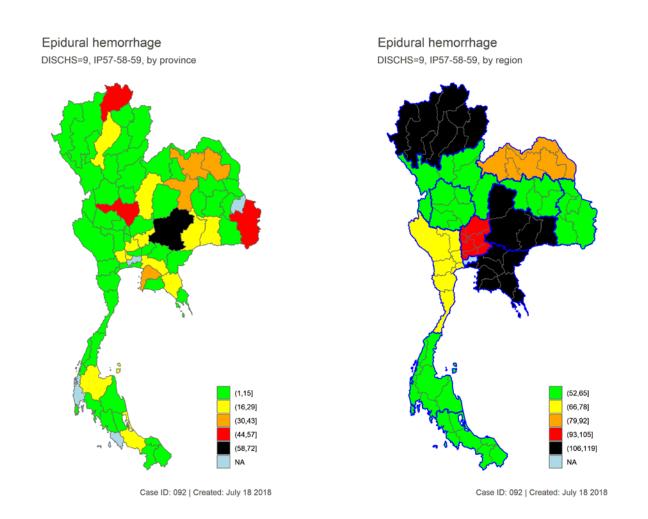


S064 = Epidural hemorrhage



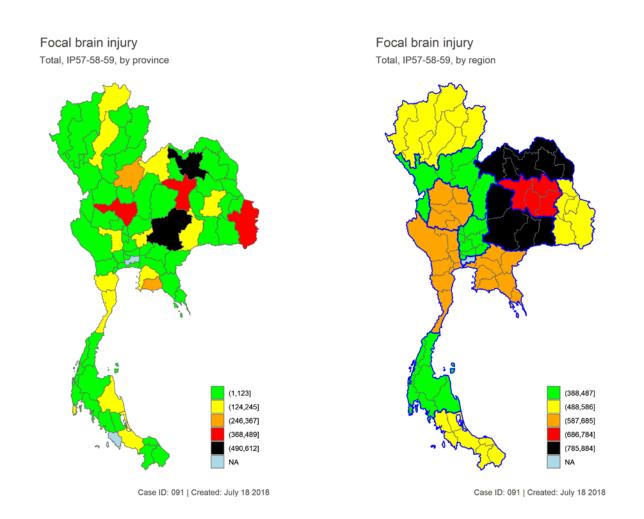
Number of patients (2014-2016)

S064 = Epidural hemorrhage



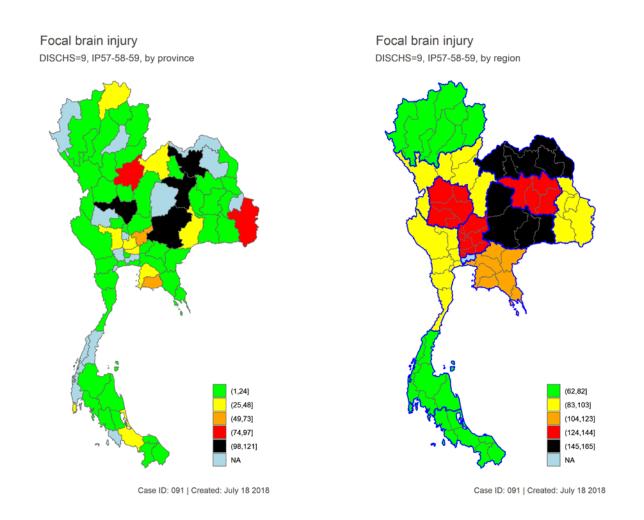
Number of dead patients (2014-2016)

S063 = Focal brain injury



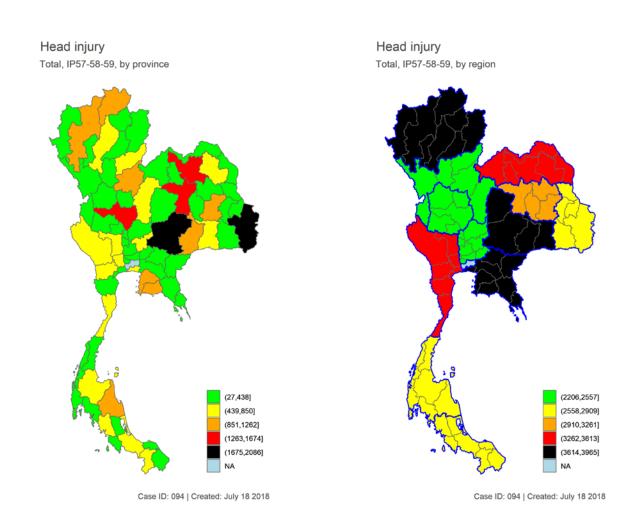
Number of patients (2014-2016)

S063 = Focal brain injury

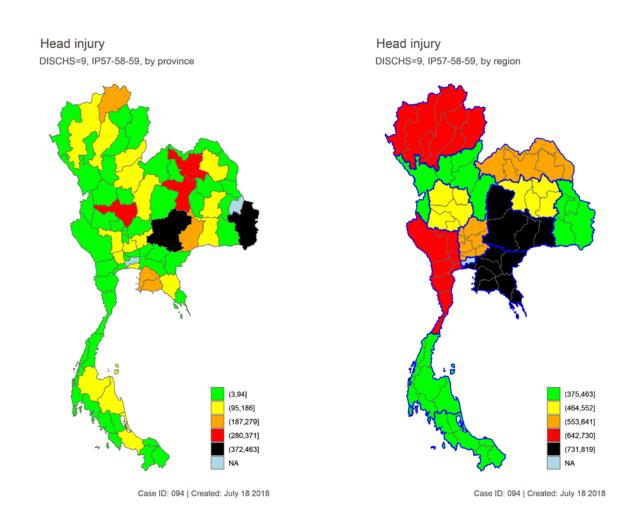


Number of dead patients (2014-2016)

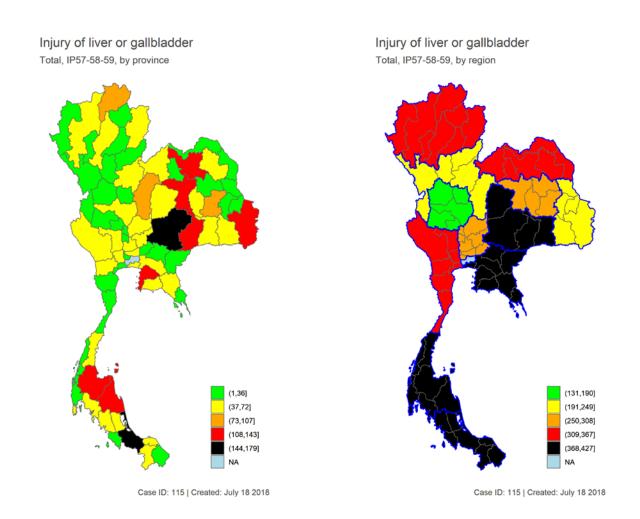
S065,S064,S063 = Head injury(focus)



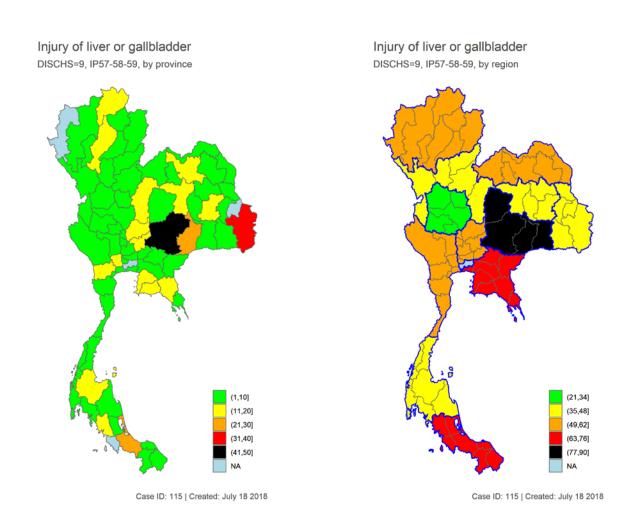
S065,S064,S063 = Head injury(focus)



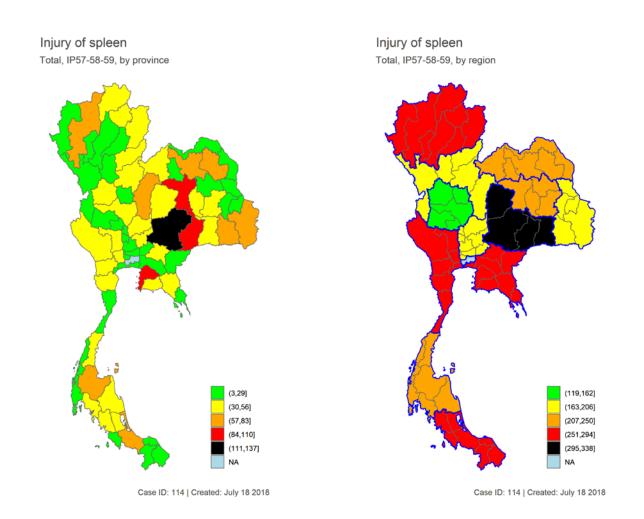
S361 = Injury of liver or gallbladder



S361 = Injury of liver or gallbladder

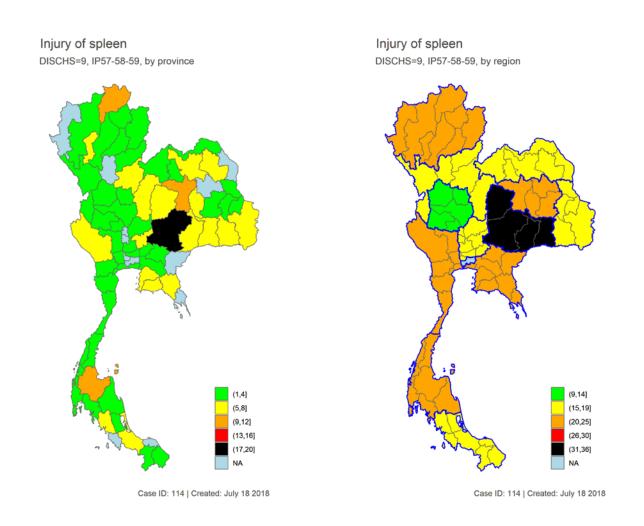


S360 = Injury of spleen



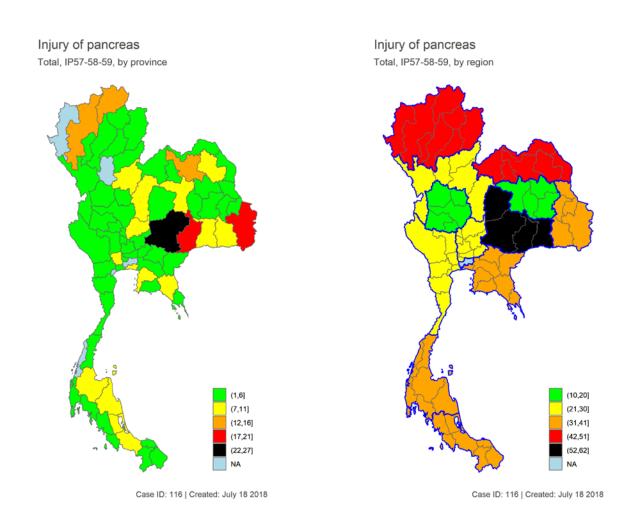
Number of patients (2014-2016)

S360 = Injury of spleen

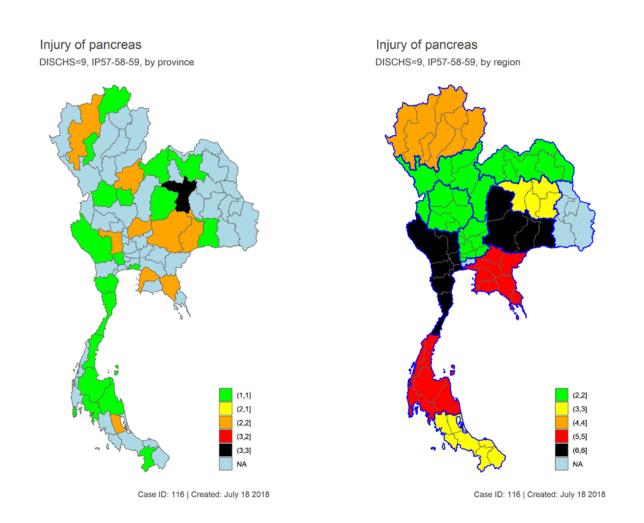


Number of dead patients (2014-2016)

S362 = Injury of pancreas

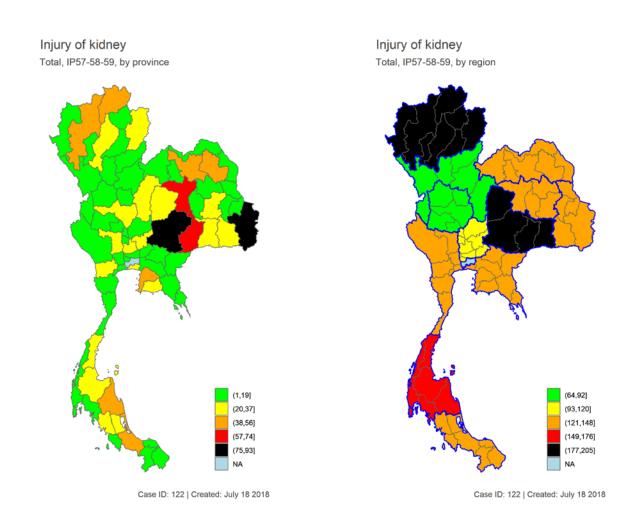


S362 = Injury of pancreas



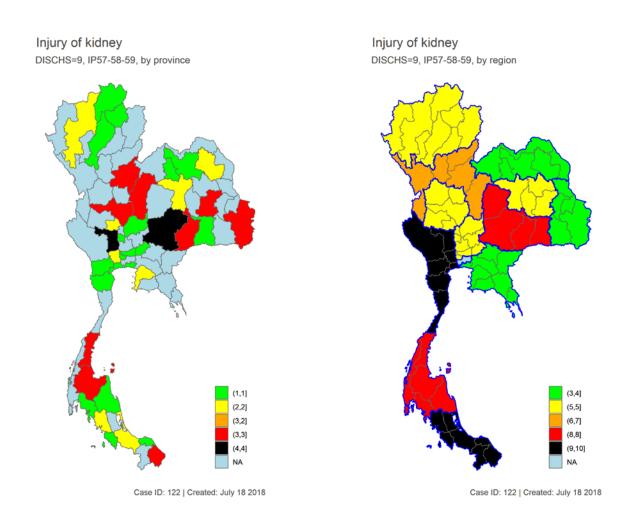
Number of dead patients (2014-2016)

S370 = Injury of kidney



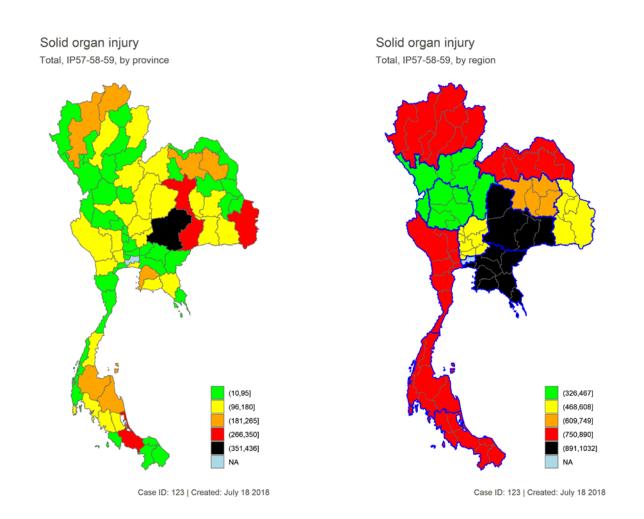
Number of patients (2014-2016)

S370 = Injury of kidney



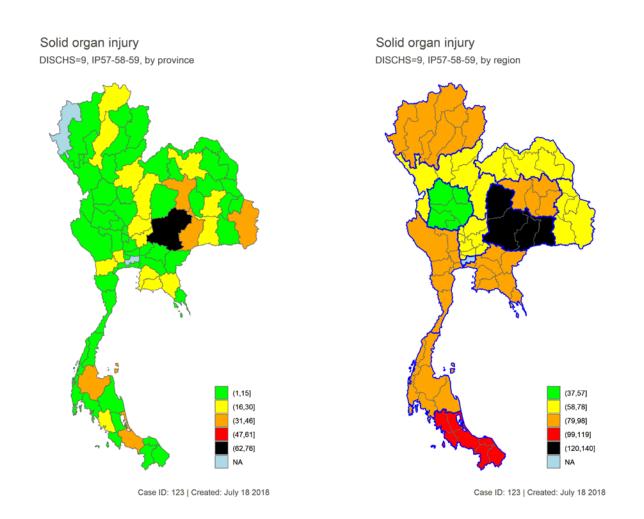
Number of dead patients (2014-2016)

S370,S360-S362 = Solid organ injury



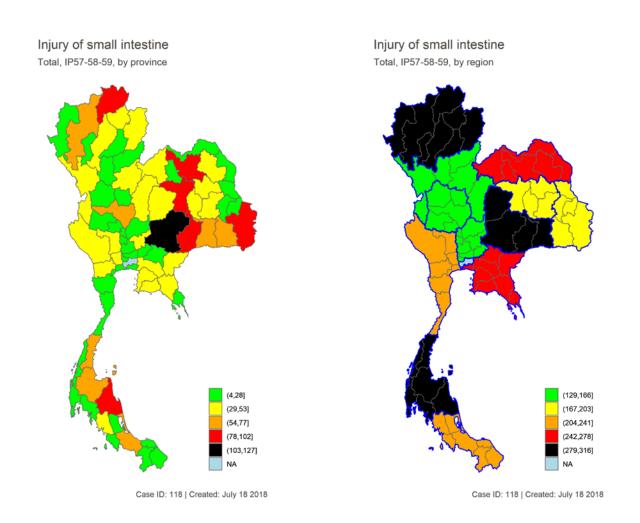
Number of patients (2014-2016)

S370,S360-S362 = Solid organ injury

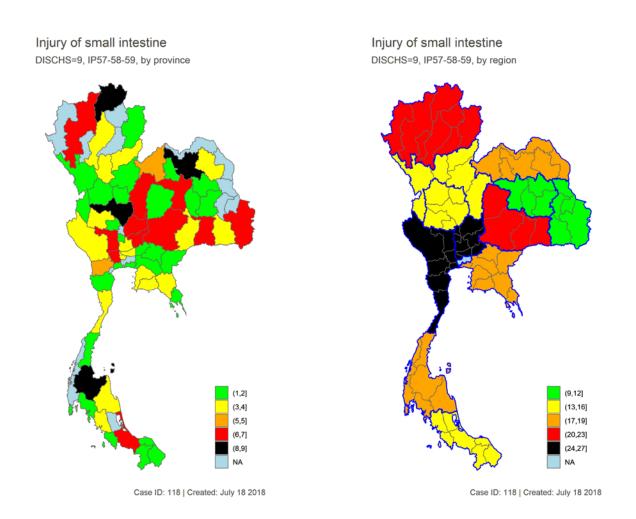


Number of dead patients (2014-2016)

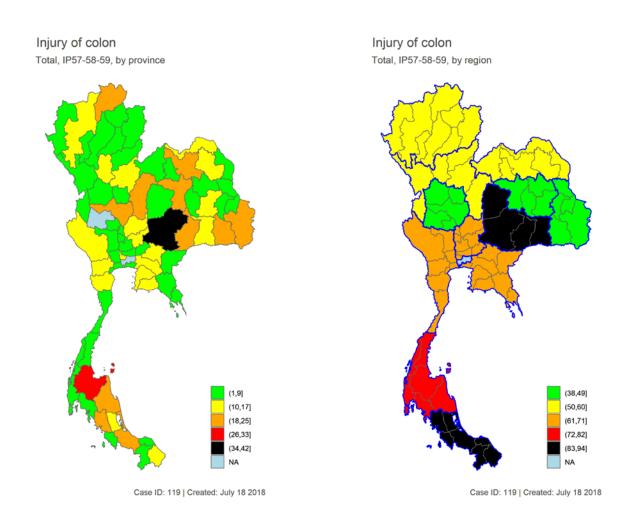
S364 = Injury of small intestine



S364 = Injury of small intestine

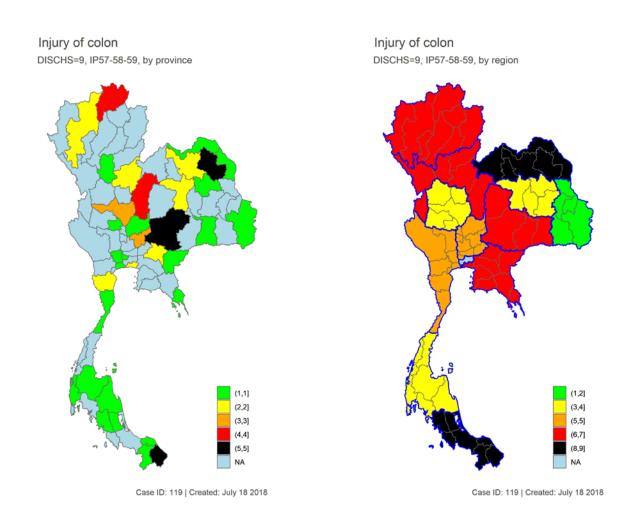


S365 = Injury of colon



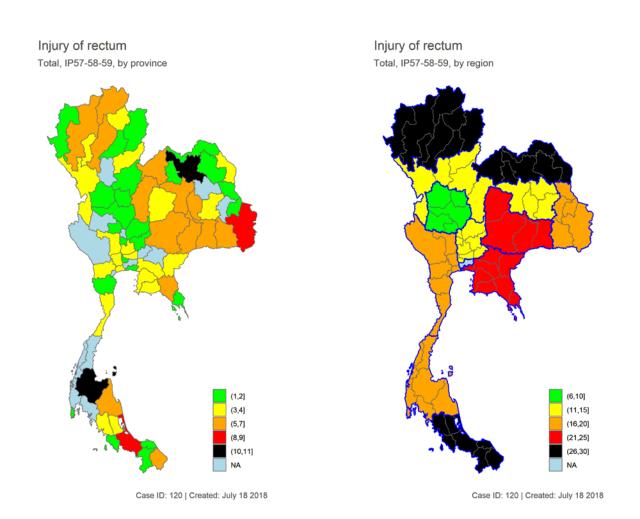
Number of patients (2014-2016)

S365 = Injury of colon



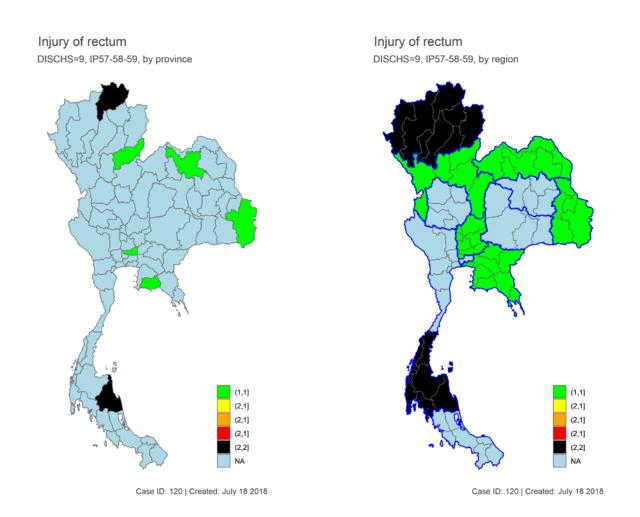
Number of dead patients (2014-2016)

S366 = Injury of rectum



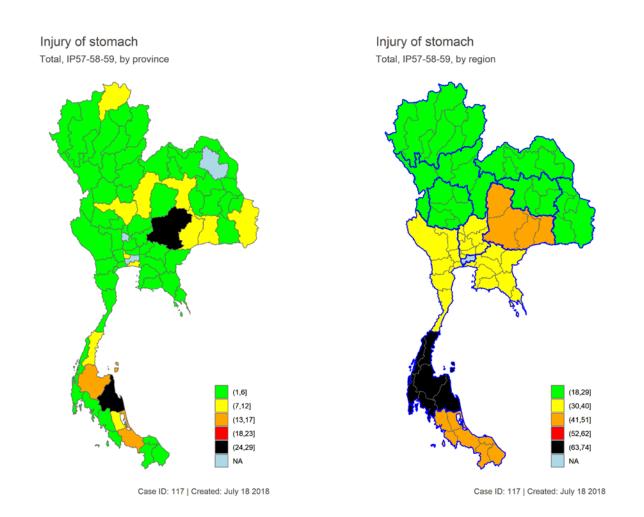
Number of patients (2014-2016)

S366 = Injury of rectum



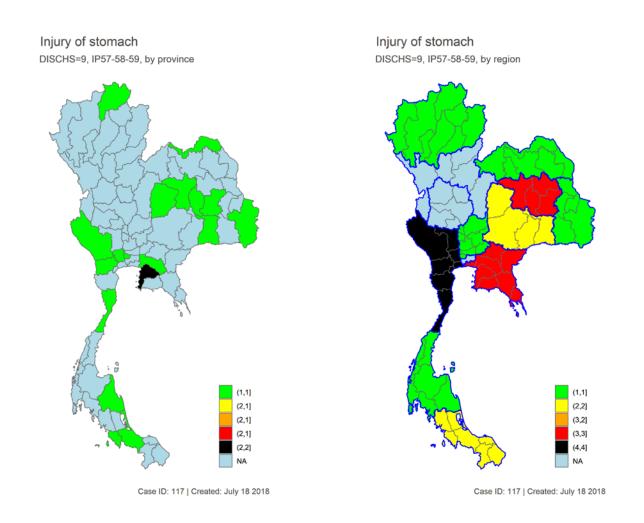
Number of dead patients (2014-2016)

S363 = Injury of stomach



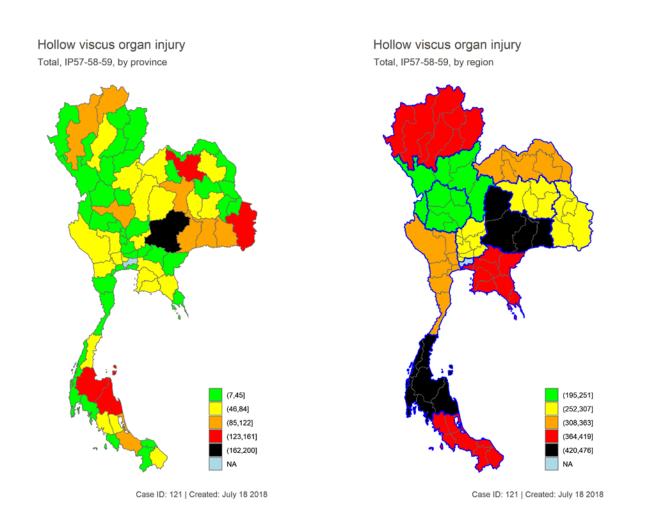
Number of patients (2014-2016)

S363 = Injury of stomach

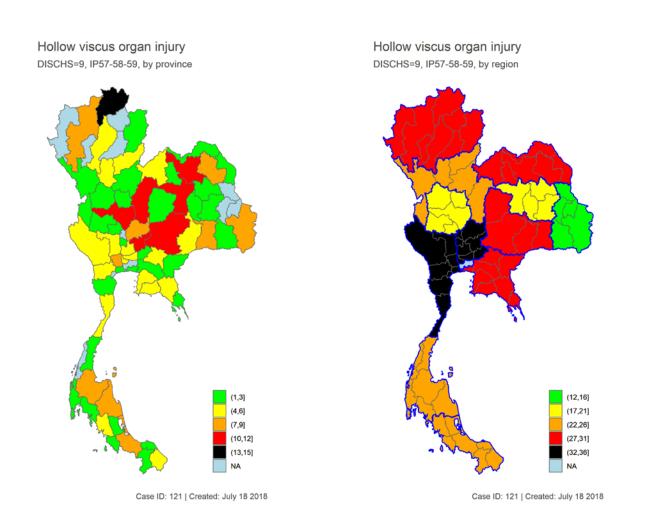


Number of dead patients (2014-2016)

S366,S365,S364,S363 = Hollow viscus organ injury

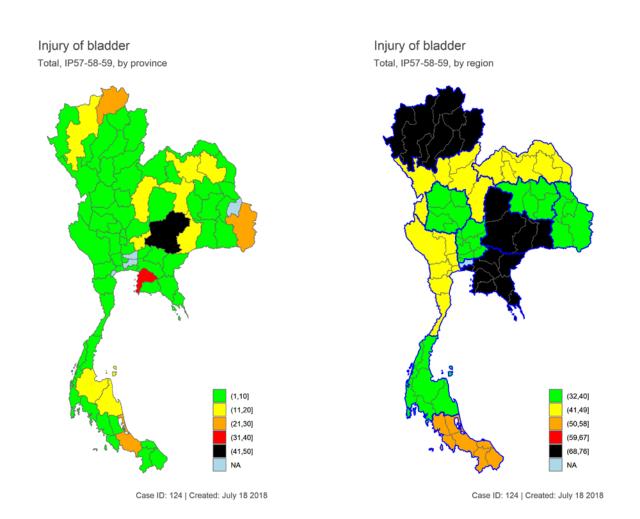


S366,S365,S364,S363 = Hollow viscus organ injury



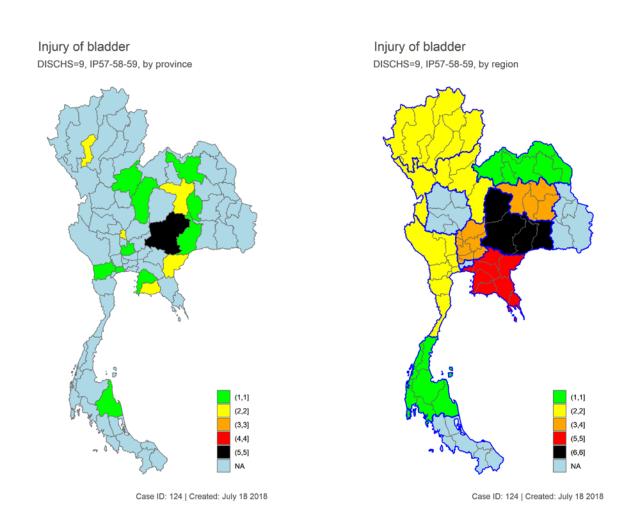
Number of dead patients (2014-2016)

S372 = Injury of bladder



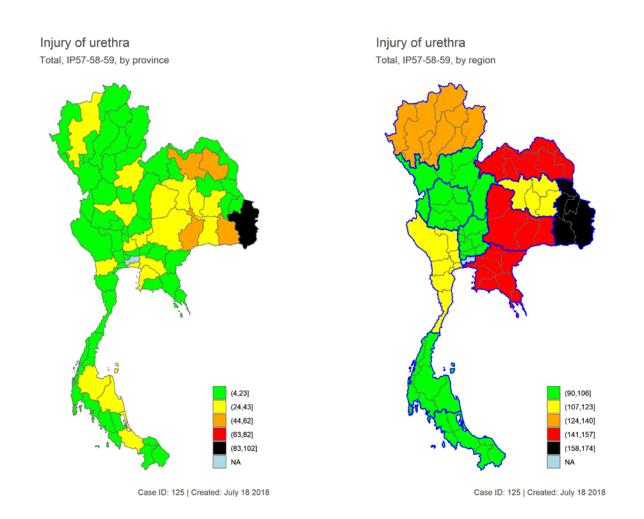
Number of patients (2014-2016)

S372 = Injury of bladder



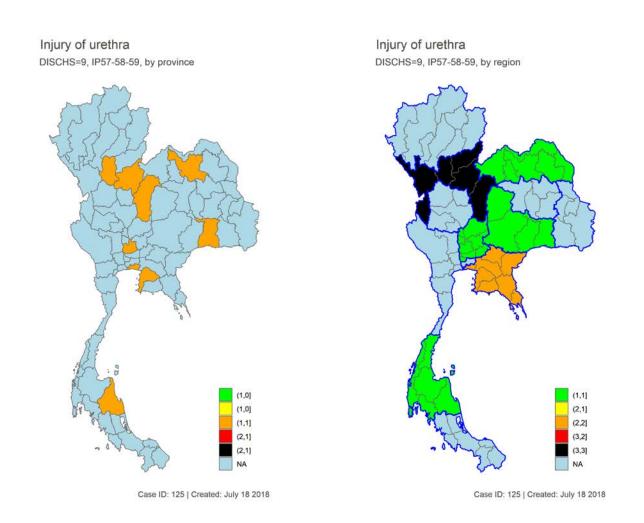
Number of dead patients (2014-2016)

S373 = Injury of urethra



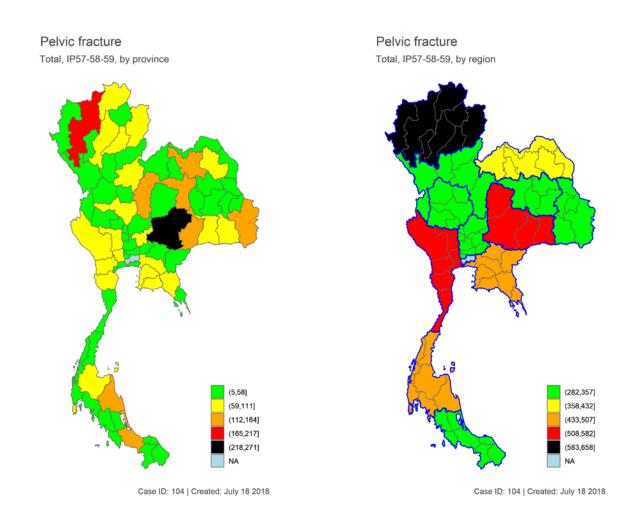
Number of patients (2014-2016)

S373 = Injury of urethra



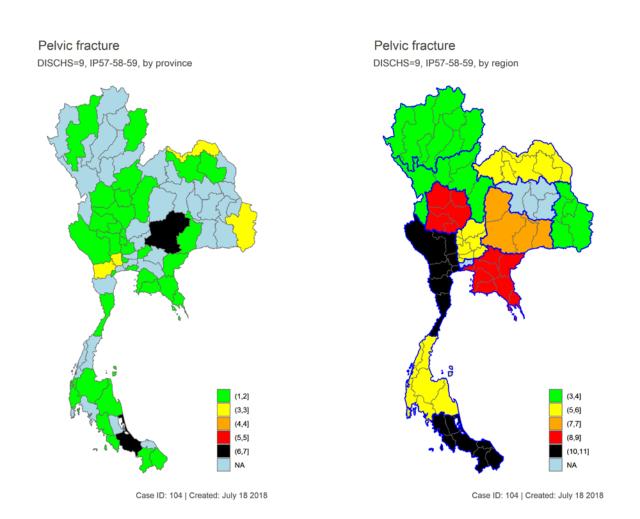
Number of dead patients (2014-2016)

S323 - S325 = Pelvic fracture

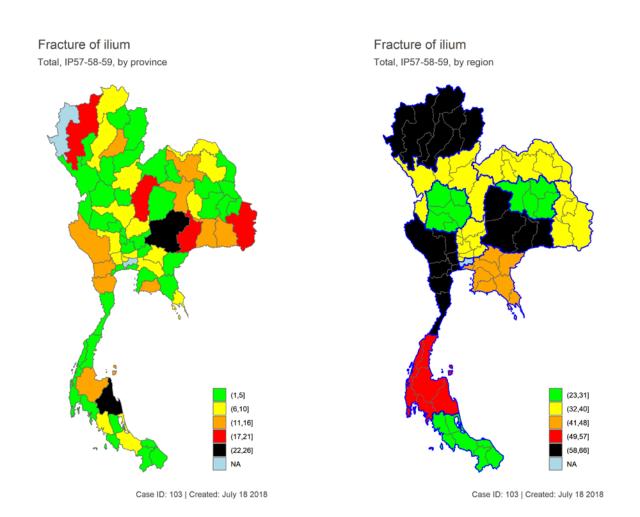


Number of patients (2014-2016)

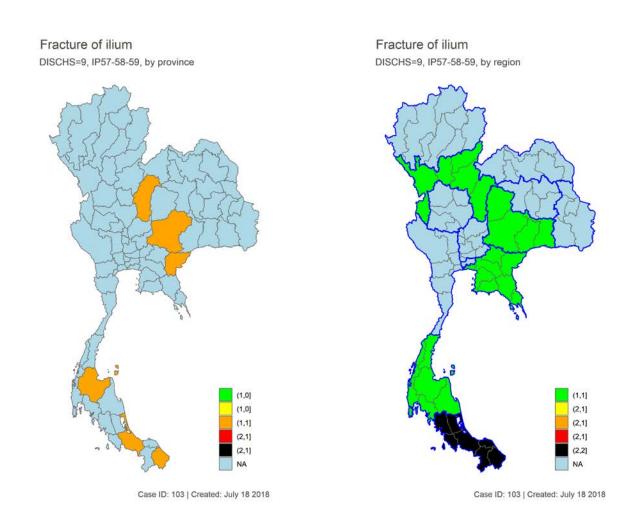
S323 - S325 = Pelvic fracture



S323 = Fracture of ilium

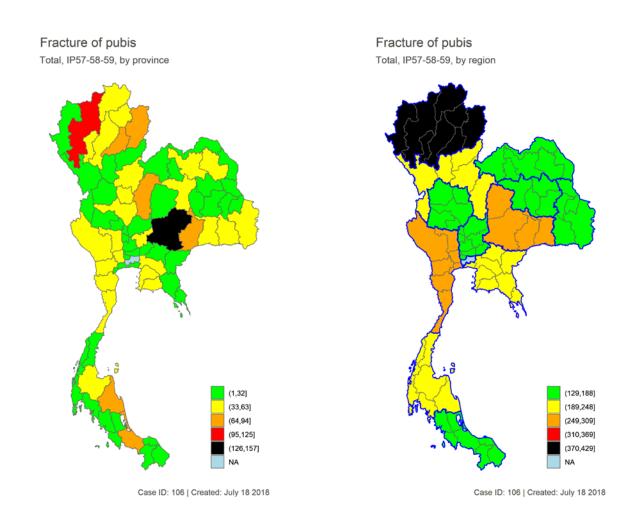


S323 = Fracture of ilium

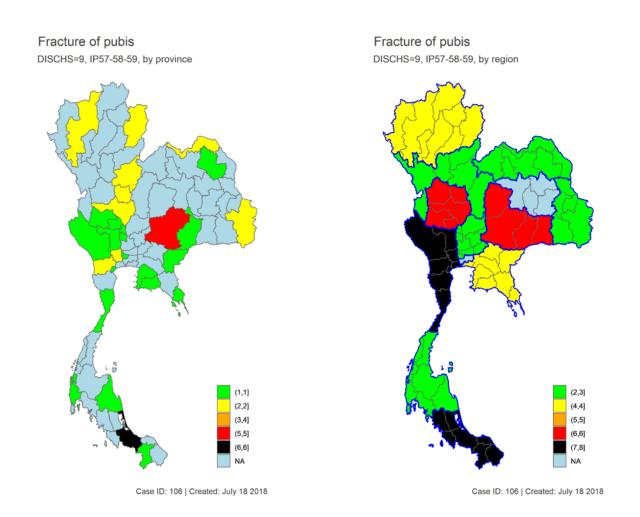


Number of dead patients (2014-2016)

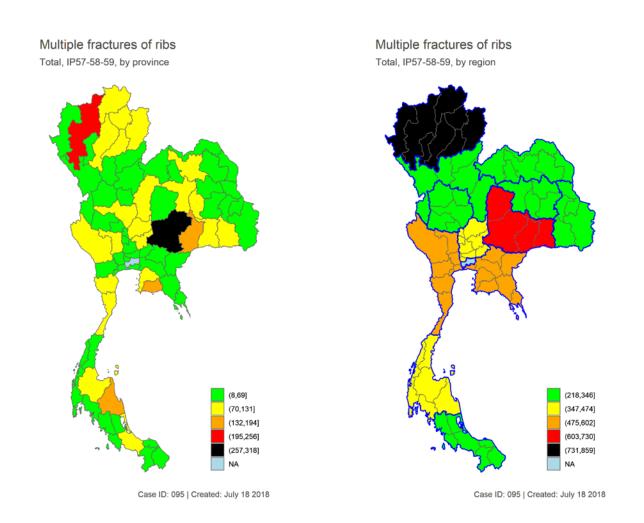
S325 = Fracture of pubis



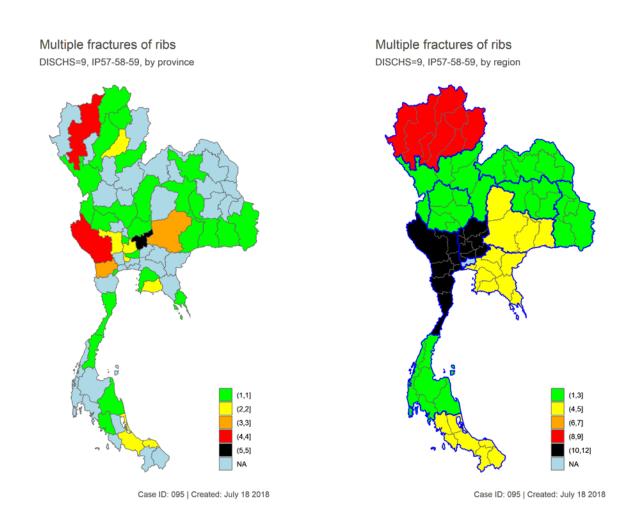
S325 = Fracture of pubis



S224 = Multiple fractures of ribs

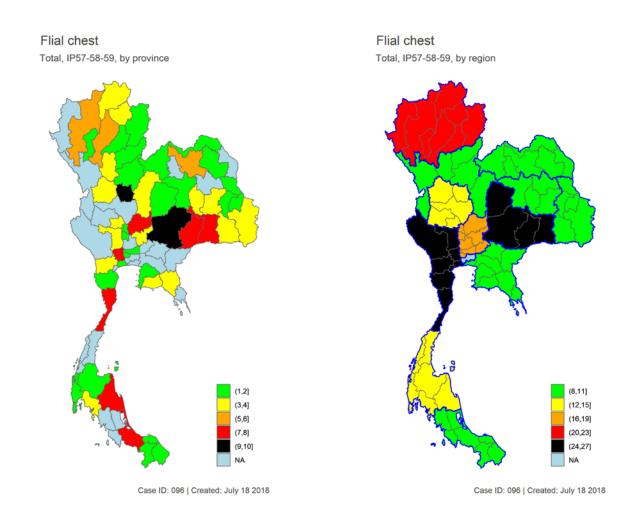


S224 = Multiple fractures of ribs



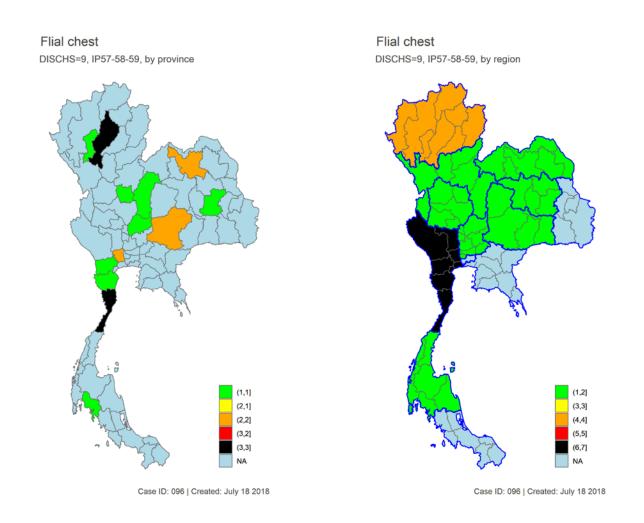
Number of dead patients (2014-2016)

S225 = Flial chest



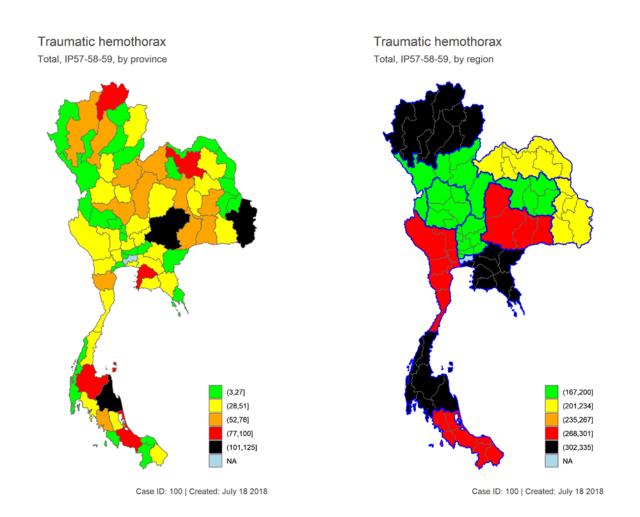
Number of patients (2014-2016)

S225 = Flial chest

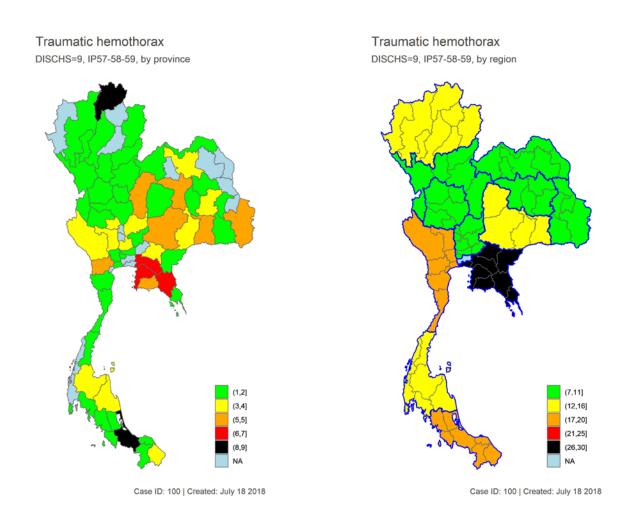


Number of dead patients (2014-2016)

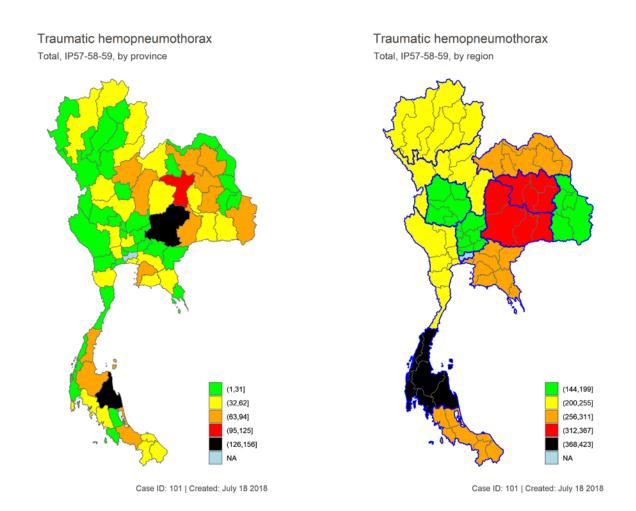
S271 = Traumatic hemothorax



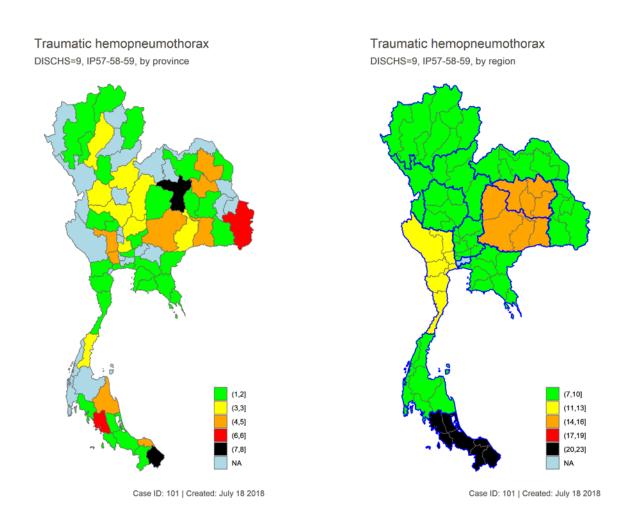
S271 = Traumatic hemothorax



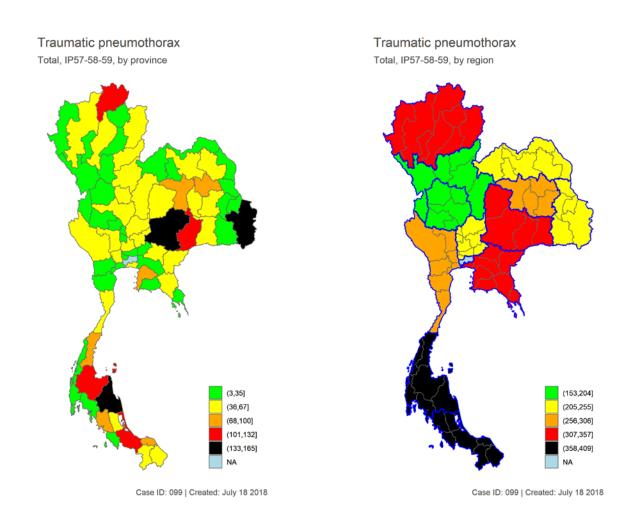
S272 = Traumatic hemopneumothorax



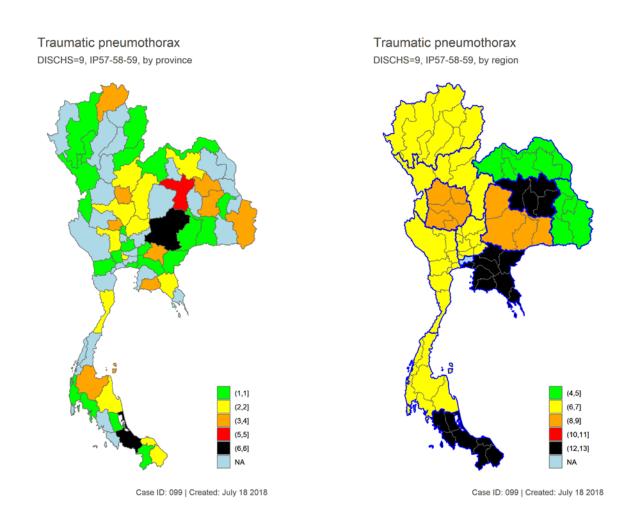
S272 = Traumatic hemopneumothorax



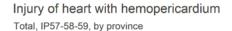
S270 = Traumatic pneumothorax

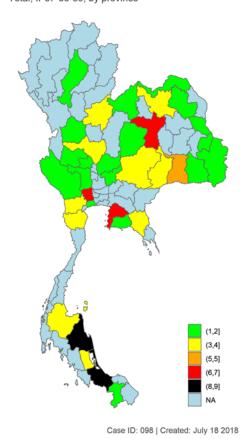


S270 = Traumatic pneumothorax

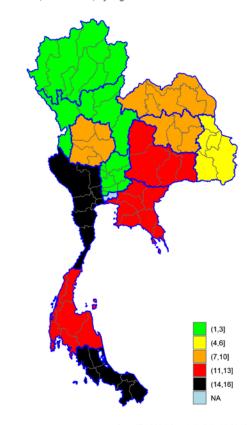


S260 = Injury of heart with hemopericardium



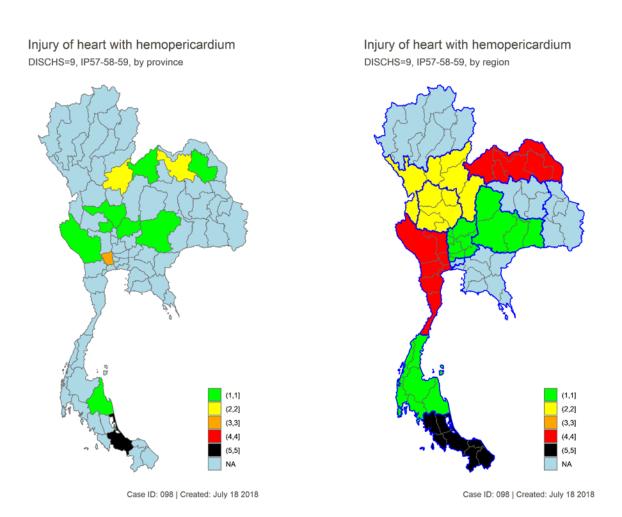


Injury of heart with hemopericardium Total, IP57-58-59, by region

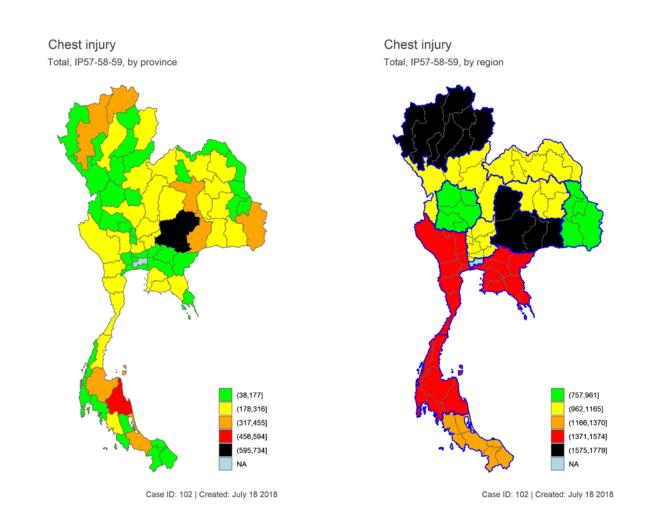


Case ID: 098 | Created: July 18 2018

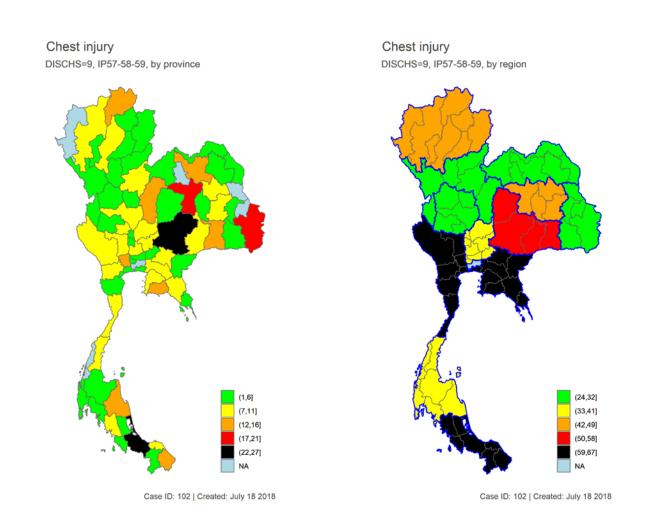
S260 = Injury of heart with hemopericardium



S272,S271,S270,S224,S225,S250,S260 = Chest injury

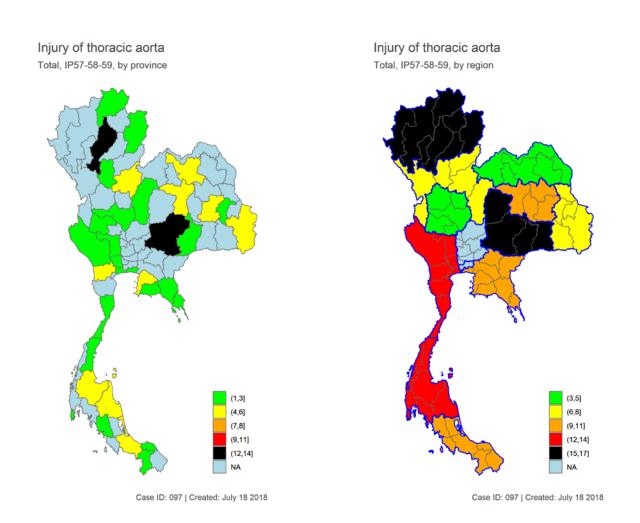


S272,S271,S270,S224,S225,S250,S260 = Chest injury

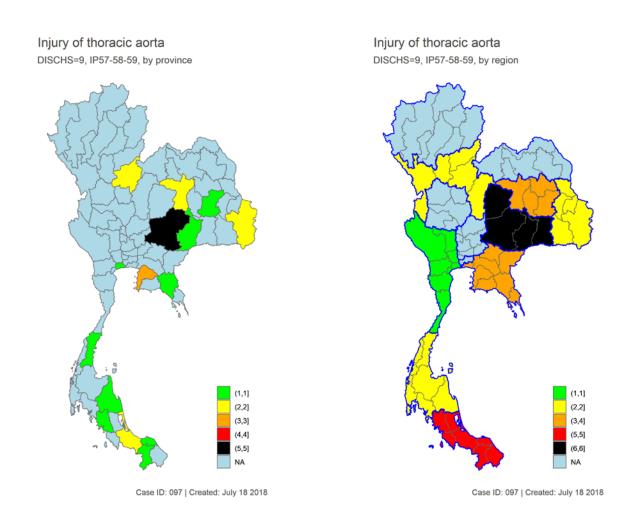


Number of dead patients (2014-2016)

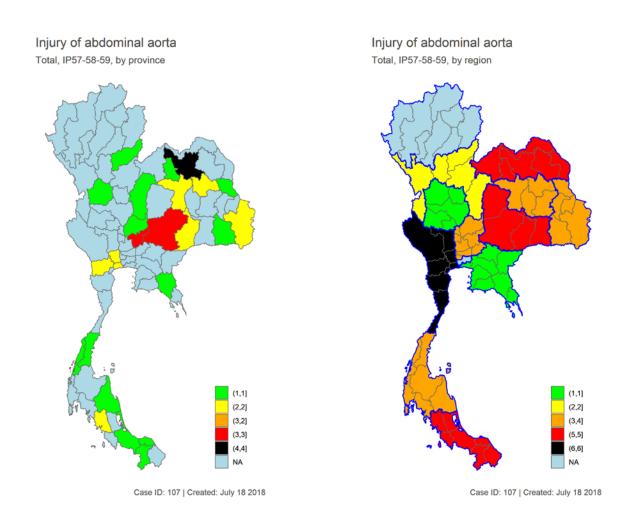
S250 = Injury of thoracic aorta



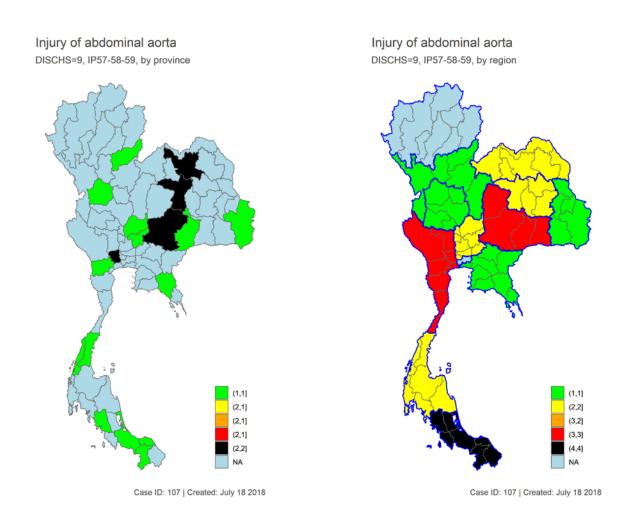
S250 = Injury of thoracic aorta



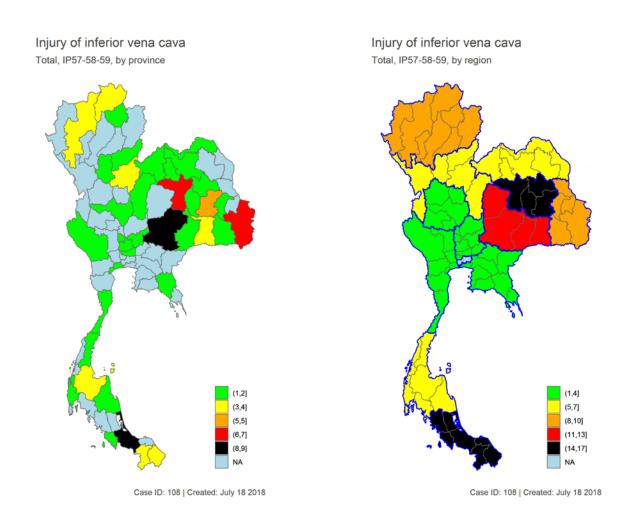
S350 = Injury of abdominal aorta



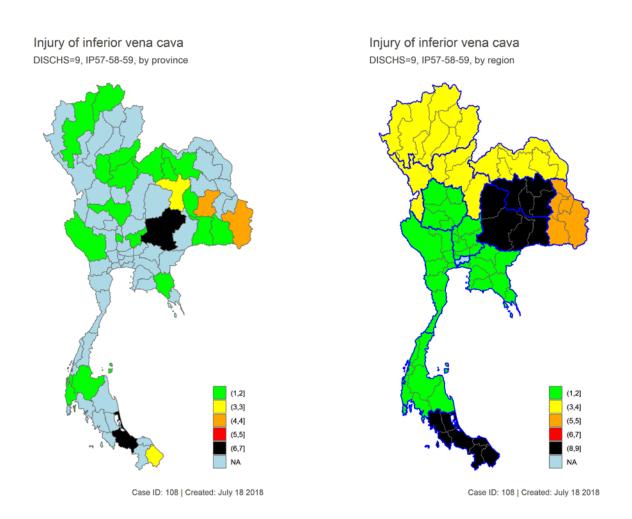
S350 = Injury of abdominal aorta



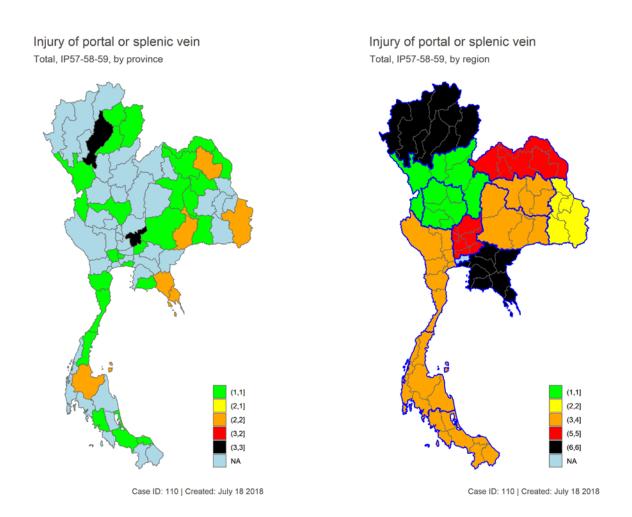
S351 = Injury of inferior vena cava



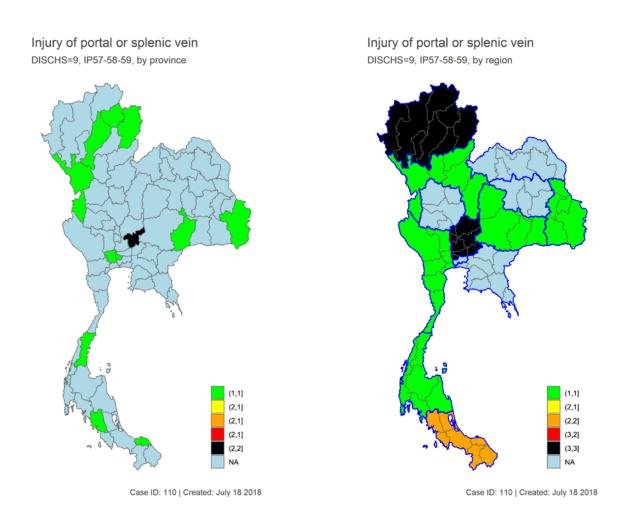
S351 = Injury of inferior vena cava



S353 = Injury of portal or splenic vein

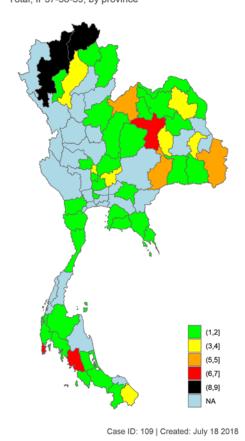


S353 = Injury of portal or splenic vein

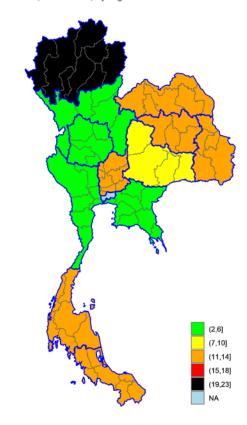


S352 = Injury of celiac or mesenteric artery

Injury of celiac or mesenteric artery Total, IP57-58-59, by province

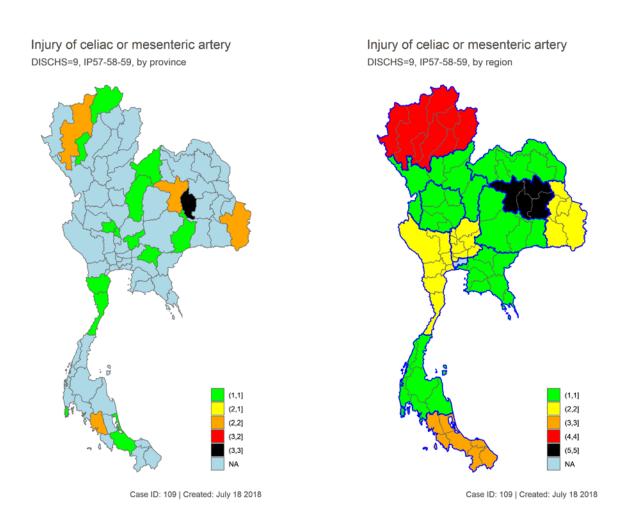


Injury of celiac or mesenteric artery Total, IP57-58-59, by region

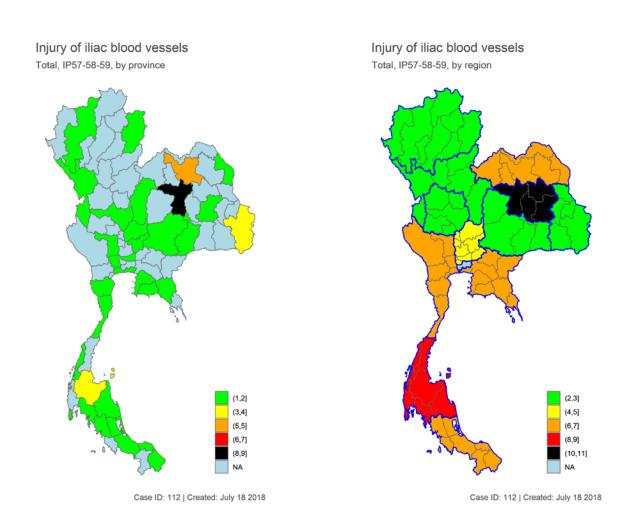


Case ID: 109 | Created: July 18 2018

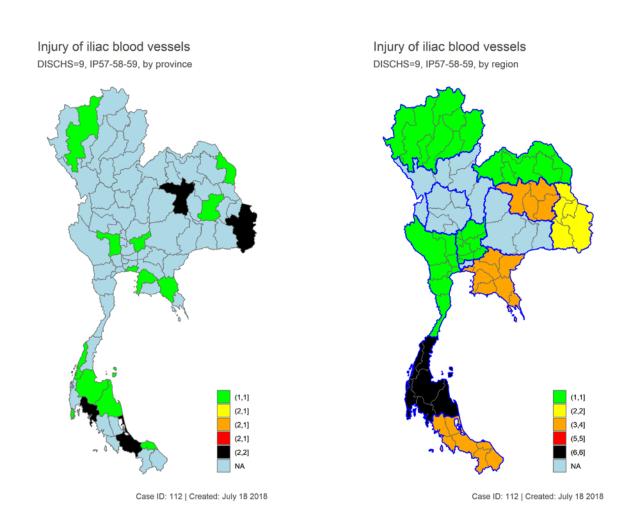
S352 = Injury of celiac or mesenteric artery



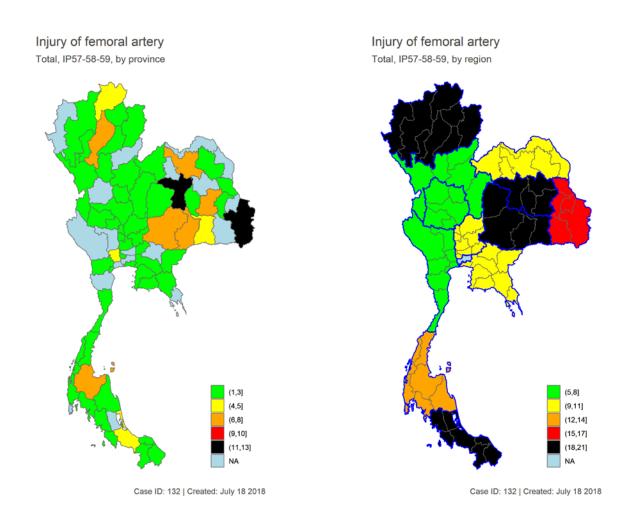
S355 = Injury of iliac blood vessels



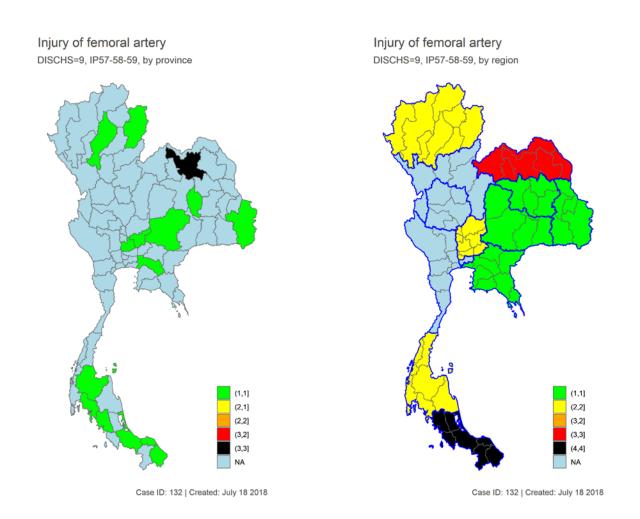
S355 = Injury of iliac blood vessels



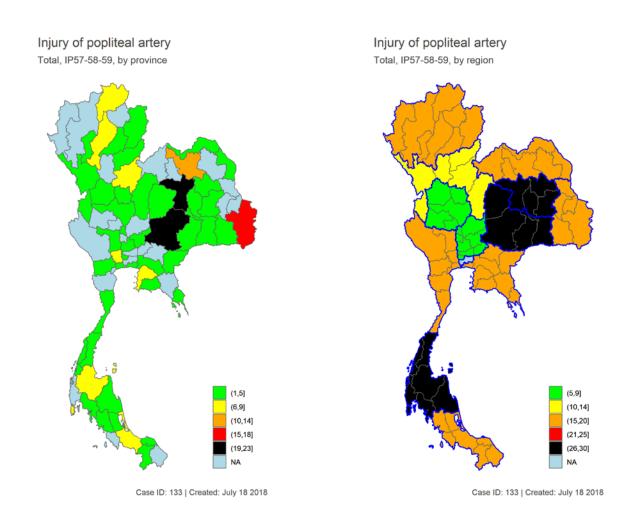
S750 = Injury of femoral artery



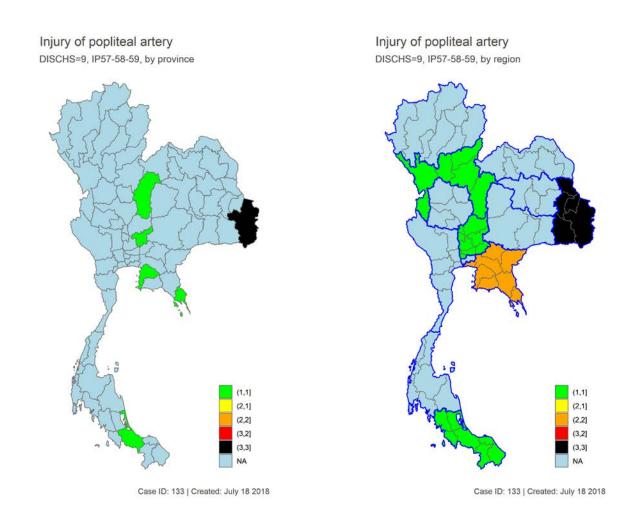
S750 = Injury of femoral artery



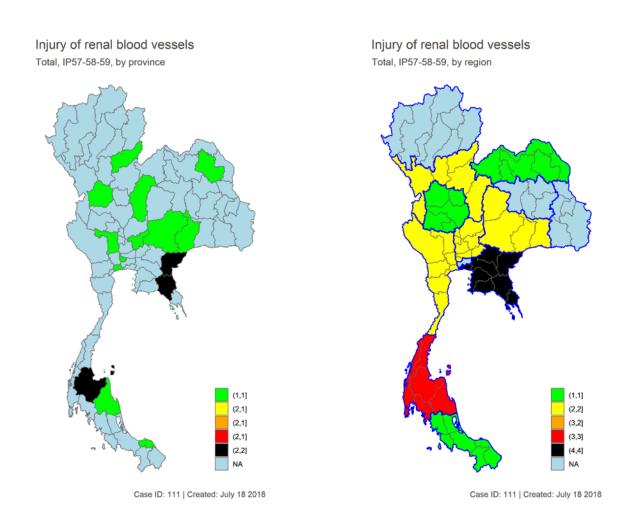
S850 = Injury of popliteal artery



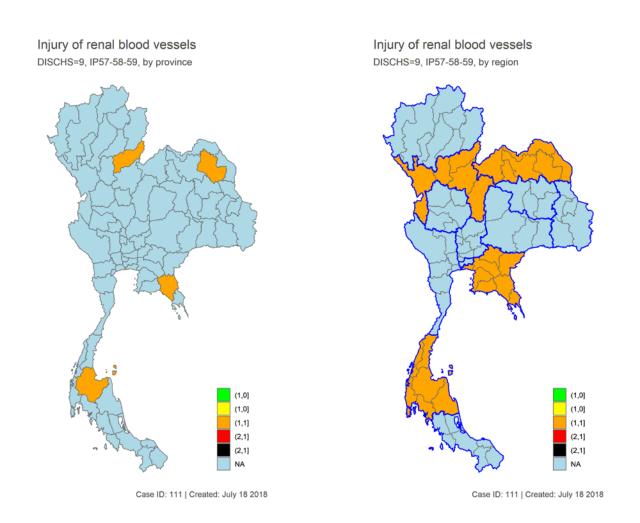
S850 = Injury of popliteal artery



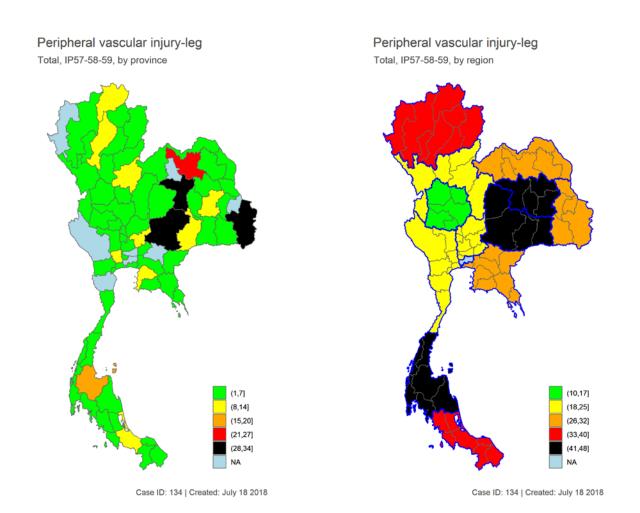
S354 = Injury of renal blood vessels



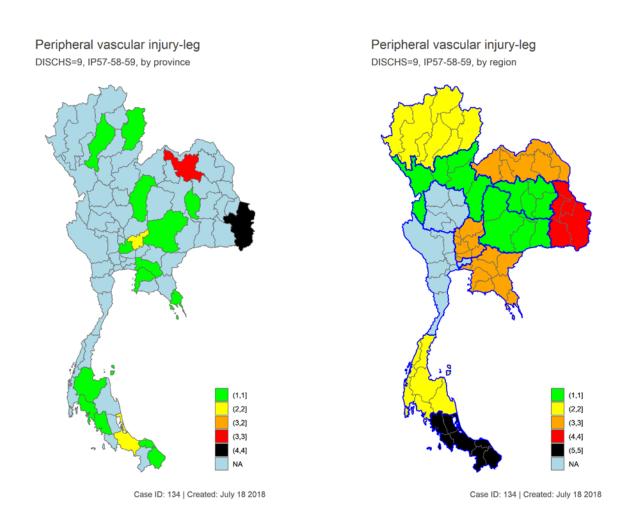
S354 = Injury of renal blood vessels



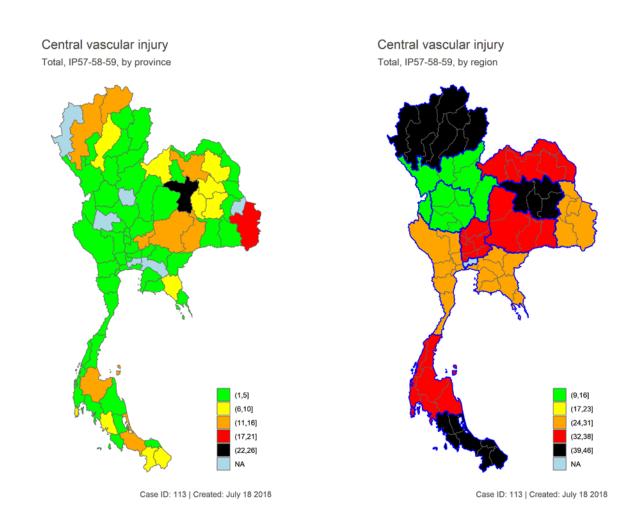
S850,S750 = Peripheral vascular injury-leg



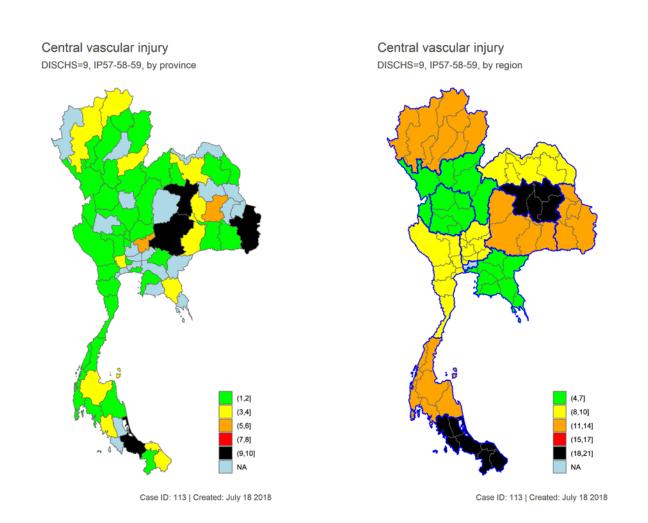
S850,S750 = Peripheral vascular injury-leg



S355,S354,S353,S352,S351,S350 = Central vascular injury

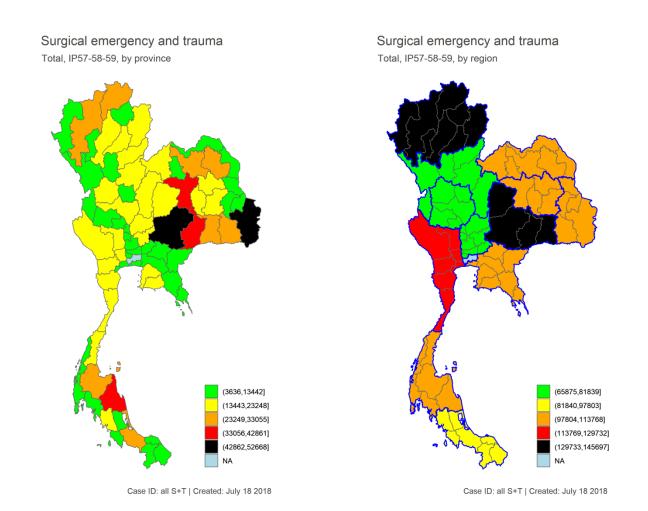


S355,S354,S353,S352,S351,S350 = Central vascular injury



Number of dead patients (2014-2016)

Surgical emergency and trauma conditions: overall



Surgical emergency and trauma conditions: overall

