

TANK-INFECTION INTENSITY

Percentage of bacterial species among nosocomial infections in the ICUs

Incidence of bacterial infection – ICU BY FOCI (TNIS)

X 軸: Year

Y 軸: Pathogen percentage (%)

對話框: Percentage + Number of infection*

選題	選項
Pathogens (8): 全選	<i>Enterococcus spp.</i> <i>Staphylococcus aureus</i> <i>Acinetobacter baumannii complex</i> <i>Enterobacter spp.</i> <i>Escherichia coli</i> <i>Klebsiella pneumoniae</i> <i>Pseudomonas aeruginosa</i> <i>Other bacteria</i>
Hospital settings (2)	Medical centers Regional and local hospitals
Ages (3)	0-18, 19-64, >64
Foci (5+all): 個別選+全選	Pneumonia = Respiratory tract (FOCI 個別選) Surgical site (FOCI 個別選) Urinary tract (FOCI 個別選) Bloodstream = Bacteremia (FOCI 個別選) Others (FOCI 個別選) All (FOCI 全選)

■ FOCI 全選 - ICU_by_foci_感染率_allfoci_2018Jul02.xlsx

歸入方式: BY HOSP_ID+CHID(病歷號碼)+感染日+感染部位+菌種

針對 TNIS 資料, 依不同細菌等不同變數組合, 計算感染率(百分比)

計算方式: 分子: 各年份不同細菌所感染的次數 (並細分年齡,醫學中心)

分母: 各年份感染的次數 (並細分年齡,醫學中心)

選取規則:

Ages , hospital settings: 可單選, 可複選

Foci: 全選

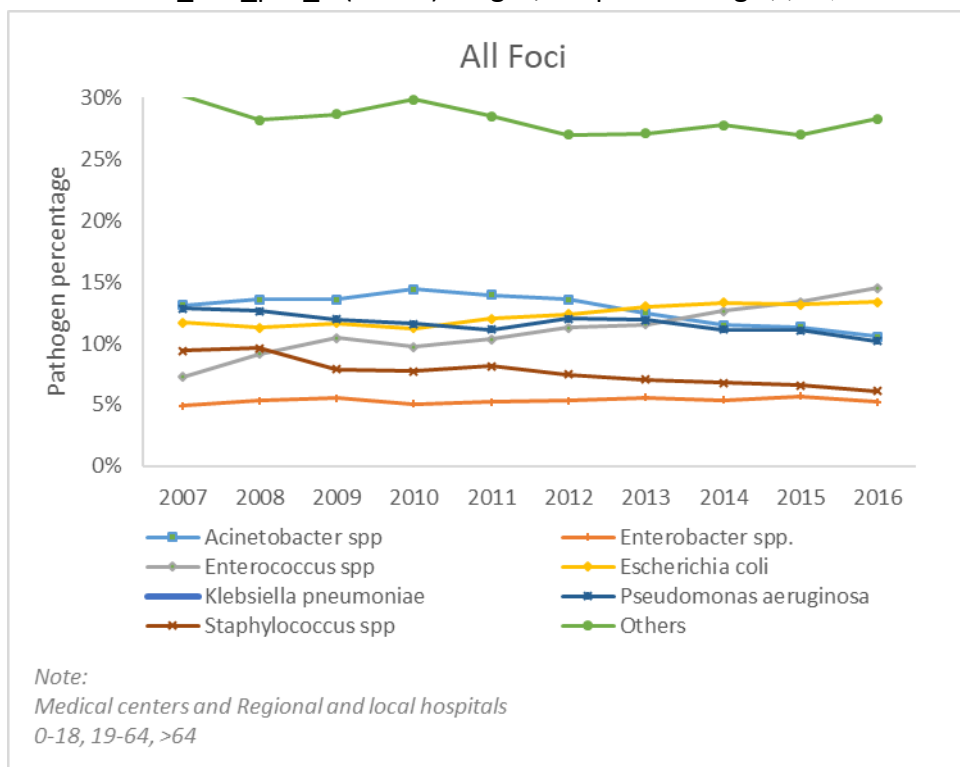
Pathogen: 無法選擇, 全部呈現

Number of infections* = number_of_infection_1(EXCEL)

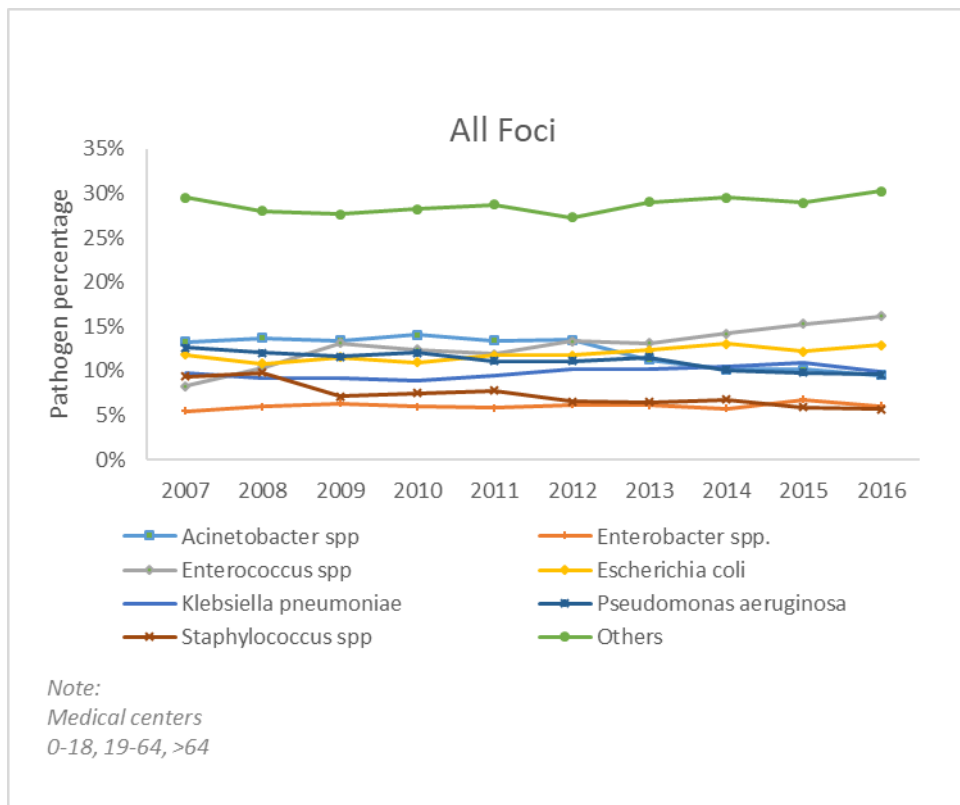
* 僅在 ages & hospital 皆全選時才出現

圖表呈現: 圖+對話框 (Number of infections + Pathogen percentage)

EX1: Number_tnis_pall_2 (EXCEL)→ ages, hospital setting 皆全選



Ex2: Number_tnis_pall_3_1 (EXCEL) → ages 全選/ hospital setting: Medical centers



■ FOCI 個別選-ICU_by_foci_感染率_個別 foci_2018Jul02

歸人方式: BY HOSP_ID+CHID(病歷號碼)+感染日+感染部位+菌種

針對 TNIS 資料, 依不同細菌、不同感染部位等變數組合, 個別計算感染率((百分比)

計算方式: 分子: 各年份不同細菌在不同感染部位所感染的次數(細分年齡,醫學中心)

分母: 各年份不同感染部位所感染的次數 (並細分年齡,醫學中心)

選取規則:

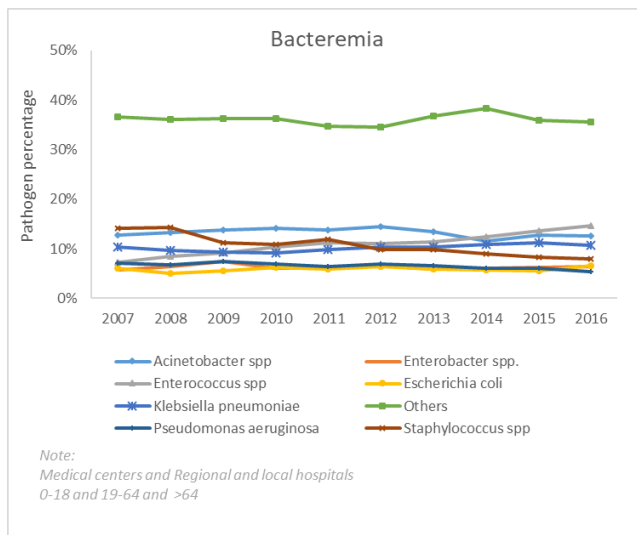
Ages , hospital settings: 可單選, 可複選

Foci: 單選

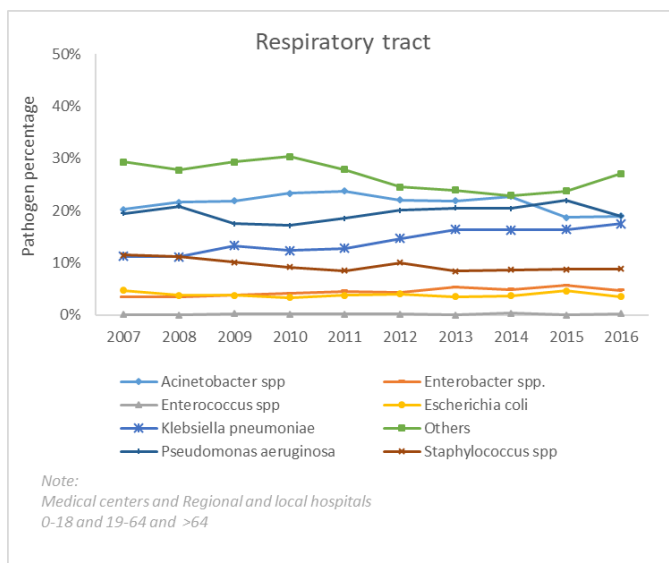
Pathogen: 無法選擇, 全部呈現

圖表呈現: 圖+對話框 (Pathogen percentage)

EX1: Number_tnis_p_3 (EXCEL)→ ages, hospital setting 皆全選 / Foci: Bacteremia



EX2: Number_tnis_p_3 (EXCEL)→ ages, hospital setting 皆全選 / Foci: Respiratory tract



TANK-INFECTION INTENSITY

Incidence of nosocomial bacterial infections in the ICUs

Incidence of bacterial infection – ICU BY Pathogen (TNIS)

X 軸: Year

Y 軸: Number of infections per 1000 patient day

對話框: Number of infections per 1000 patient day

選題	選項
Pathogens (8+all) : 個別選+全選	<i>Enterococcus spp</i> (Pathogen 個別選) <i>Staphylococcus spp</i> (Pathogen 個別選) <i>Acinetobacter spp.</i> (Pathogen 個別選) <i>Enterobacter spp.</i> (Pathogen 個別選) <i>Escherichia coli</i> (Pathogen 個別選) <i>Klebsiella pneumonia</i> (Pathogen 個別選) <i>Pseudomonas aeruginosa</i> (Pathogen 個別選) Others (Pathogen 個別選) All (Pathogen 全選)
Hospital settings (2)	Medical centers Regional and local hospitals
Ages (3)	0-18, 19-64, >64
Foci (5): 全選	Pneumonia = Respiratory tract Surgical site Urinary tract Bloodstream = Bacteremia Others

■ Pathogen 全選- ICU_by_pathogen_感染率_allpathogen_2018Jul02

歸入方式: BY HOSP_ID+CHID(病歷號碼)+感染日+感染部位

針對 TNIS 資料, 依不同細菌、不同感染部位等變數組合, 計算每千住院人日的感染人次

計算方式: 分子: 各年份感染總次數 (並細分年齡,醫學中心)

分母: 各年分 ICU 住院人日數(**該年有在 TNIS 出現的醫院才算)(並細分年齡,醫學中心)

選取規則:

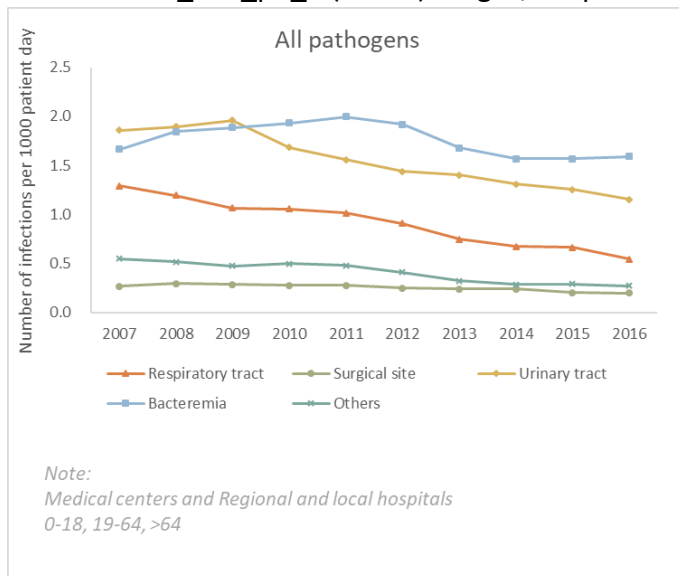
Ages , hospital settings: 可單選, 可複選

Foci: 無法選擇, 全部呈現

Pathogen: 全選

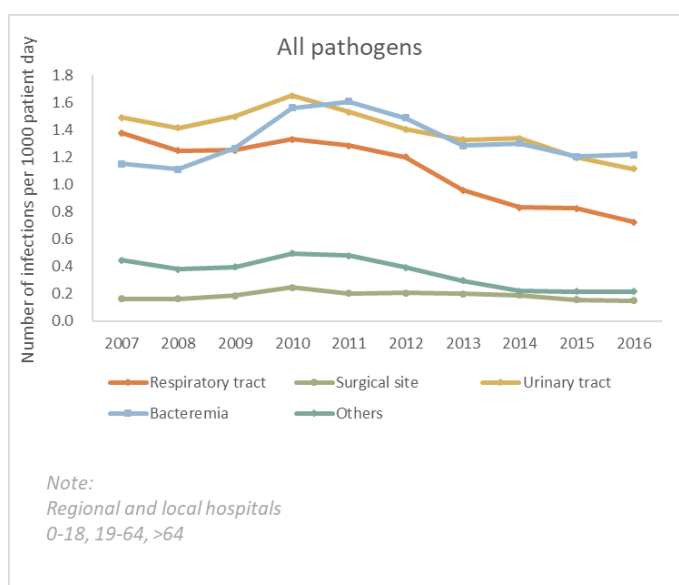
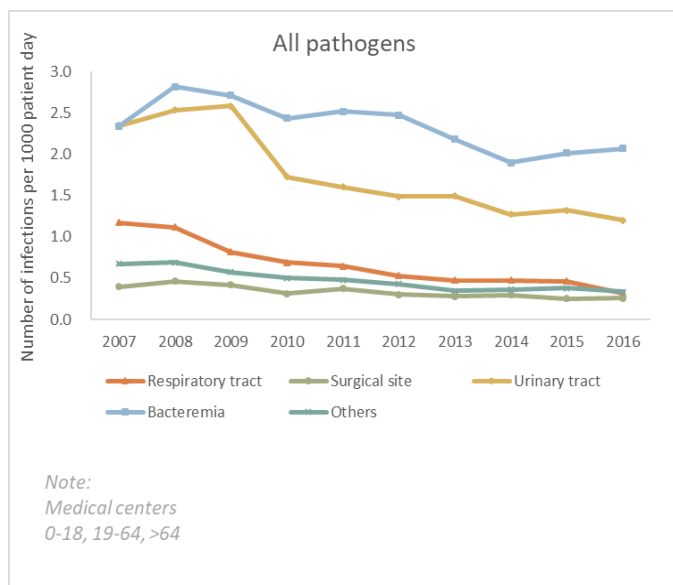
圖表呈現: 圖+對話框 (Number of infections per 1000 patient day)

EX1: Number_tnis_pfi_2 (EXCEL)→ ages, hospital setting 皆全選



EX2: Number_tnis_pfi_3_1 (EXCEL) → ages 全選/ hospital setting: Medical centers

→ ages 全選/ hospital setting: Regional & local hospital



■ Pathogen 個別選- ICU_by_pathogen_感染率_個別 pathogen_2018Jul02

歸人方式: BY HOSP_ID+CHID(病歷號碼)+感染日+感染部位+菌種

針對 TNIS 資料, 依不同細菌、不同感染部位等變數組合, 個別計算每千住院人日的感染人次

計算方式: 分子: 各年份不同細菌在不同感染部位所感染的次數
(並細分年齡,醫學中心)

分母: 各年分 ICU 住院人日數 (並細分年齡,醫學中心)

選取規則:

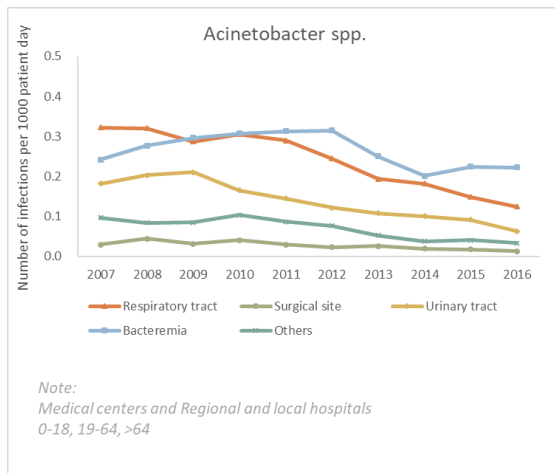
Ages , hospital settings: 可單選, 可複選

Foci: 無法選擇, 全部呈現

Pathogen: 單選

圖表呈現: 圖+對話框 (Number of infections per 1000 patient day)

EX1: Number_tnis_ppi_3 (EXCEL)→ ages, hospital setting 皆全選 /
Pathogen: Acinetobacter spp.



EX2: Number_tnis_ppi_3 (EXCEL)→ ages, hospital setting 皆全選 /
Pathogen: Enterobacter spp.

