

```
CREATE TABLE country (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    Entity VARCHAR(45) UNIQUE,  
    Code VARCHAR(10) UNIQUE  
);
```

```
INSERT INTO country (Entity, Code)  
SELECT DISTINCT Entity, Code FROM infectious_cases;
```

```
ALTER TABLE infectious_cases  
ADD COLUMN country_id INT,  
ADD CONSTRAINT fk_country_id FOREIGN KEY  
(country_id) REFERENCES country(id);
```

```
UPDATE infectious_cases p  
JOIN country c ON p.Entity = c.Entity AND p.Code =  
c.Code  
SET p.country_id = c.id  
LIMIT 1000;
```

```
ALTER TABLE infectious_cases  
DROP COLUMN Entity,  
DROP COLUMN Code;
```