



**Consideration of proposal from Transport Infrastructure
Ireland (TII) to change cash, Leap and pre-paid fares for Luas
services in 2017**

Determination No. 4 - 2016

November 2016

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Note: The Railway Procurement Agency (RPA) merged with the National Roads Authority (NRA) to form Transport Infrastructure Ireland (TII) on 1st August 2015. This report will refer to TII in place of the RPA where appropriate.

1 Introduction

1.1 Background

The National Transport Authority (the Authority) has the statutory obligation to secure the provision of light railway passenger services in the Greater Dublin Area (section 48 of the Dublin Transport Authority Act 2008). In September 2014 the Authority and the Railway Procurement Agency (RPA) and Transdev Dublin Light Rail Limited signed a new Luas operation contract, under which Transdev runs the Luas services and also assumes responsibility for the maintenance of the Luas infrastructure and rolling stock through a number of novated maintenance contracts. The Railway Procurement Agency and the National Roads Authority merged on 1st August 2015 to form Transport Infrastructure Ireland (TII).

With passenger numbers growing on Luas services in recent times and modest fares increase over the past few years Luas operations returned to making a small surplus in 2014 and 2015 and TII expect to return a small surplus this year also.

The determination of fares for 2017 is being undertaken in a single stage with this determination addressing the price of cash, Leap and pre-paid tickets. The changes to the cash, Leap and pre-paid tickets can be implemented from 1st December 2016.

1.2 Factors influencing public transport demand and revenues

Public transport revenues for Luas come from three main sources: passenger fares, subsidy via the free travel grant from the Department of Social Protection, and relatively minor ancillary revenues (e.g. advertising). Passenger fares account for a substantial amount of revenue and are dependent on passenger numbers. These in turn depend on the demand for passenger services.

Demand for public transport services is strongly related to economic activity. Economic growth increases employment, disposable income and consumer spend, all of which lead to greater travel. Economic decline produces the opposite effect.

1.3 Economic outlook

It is evident the economy is recovering and this is reflected in the increased public transport journeys in 2015 and again in 2016. The increase in Luas total passenger journeys in 2015 was 6.1% compared to

the previous year. Underline growth in 2016 is similar to 2015 but following 12 days where no services operated the total passenger journey growth in 2016 will be about 3% above the 2015 figure.

The outlook for 2017 remains optimistic where growth in terms of GDP and GNP are expected to be in the order of 4% and CPI is projected to be flat at between 0.5 and 1%

Table 1: Key Economic Indicators

Key Economic Indicators (real annual % growth)										
	2008	2009	2010	2011	2012	2013	2014	2015	2016 ^f	2017 ^f
Consumer Price Index (CPI)										
CSO	4.1	-4.5	-1.0	2.6	1.7	0.5	0.2	-0.3		
Central Bank									0.2	1.0
ESRI									0.5	1.0
Department of Finance (HICP)									-0.1	1.3
IMF (HICP)									0.3	1.2
Gross National Product (GNP)										
CSO	-1.8	-9.1	0.5	-0.9	1.9	4.7	9.2	18.7		
Central Bank									4.5	3.1
ESRI									4.1	3.5
Department of Finance									7.5	3.3
Gross Domestic Product (GDP)										
CSO	-2.2	-6.4	-1.1	2.8	-0.3	1.1	8.5	26.3		
Central Bank									4.5	3.6
ESRI									4.3	3.8
Department of Finance									4.2	3.5
IMF									4.9	3.2
Unemployment rate (ILO)										
CSO	6.4	12.1	13.9	14.7	14.7	13.1	11.3	9.4		
Central Bank									8.3	7.7
ESRI									8.3	7.3
Department of Finance									8.3	7.7
IMF									8.3	7.7
Average Hourly Earnings All Sectors										
CSO	21.68	22.15	21.93	21.95	21.96	21.87	21.66	21.86		
Percentage change each year		2.2%	-1.0%	0.1%	0.0%	-0.4%	-0.9%	0.9%		
Total Employment -million										
CSO	2.182	1.961	1.882	1.848	1.837	1.900	1.900	1.963		

Source: Central Statistics Office (CSO), Central Bank Quarterly Bulletin Oct 2016, ESRI Quarterly Economic Commentary Autumn 2016, IMF World Economic Outlook October 2016, Department of Finance Draft Budgetary Plan for 2017 - October 2016.

Note "f" indicates forecast and HICP is the Harmonised Index of Consumer Prices which differs slightly from the Consumer Price Index (CPI).

1.4 The need for fare changes

Luas public transport fare changes have been deemed to be necessary in recent years to compensate for reduced patronage and the increased operating costs due to the opening of three new extensions to the Luas network since 2009. While passenger numbers have grown steadily in recent years, fares changes are required to:

- a) complete the restructuring and simplification of the Luas fares structures;
- b) continue to encourage a transfer to Leap card usage;
- c) incentivise off-peak travel;
- d) contribute to the additional cost of the operation of the Luas services;
- e) contribute to the cost in the provision of Luas infrastructure; and
- f) bring Luas fares in line with comparable fares on Dublin Bus services.

1.5 Fares Innovations

The Authority has introduced a number of fare innovations over the last few years namely:

Table 2: Fare innovations

Year	Innovation
2013	<ul style="list-style-type: none">• Daily and weekly caps on Luas fares• Multi-operator daily and weekly cap on Luas, Dublin Bus and Iarnród Éireann fares in Greater Dublin Area
2014	<ul style="list-style-type: none">• Visitor Leap Card/Trainee Leap Card• Extension of Child Age to up to 19 for Leap Child Fares
2015	<ul style="list-style-type: none">• Second Journey Discount on Luas, Dublin Bus and Iarnród Éireann fares in Greater Dublin Area• Extended offer on Visitor Leap Card
2016	<ul style="list-style-type: none">• Family Leap card

Fare Capping is where there is a maximum charge per day or week for journeys done with a Leap card on one or multiple public transport operators. So, if a customer makes a lot of trips with their Leap card during a Daily or Weekly (Monday to Sunday) time period, the amount they spend will be capped and the Leap card system will make sure they never pay more than the fare cap limit.

Second Journey Discounts allow the customer to get a discount (€1.00 adults, €1.00 students €0.70 child) on a second inter-modal journey that has been commenced within 90 minutes of the start of the first journey.

Family Tickets

The Authority recognises that the cost of travel by public transport by families can be prohibitive compared to travel by other modes. In 2016, the Authority introduced a multi-operator family ticket on a pilot basis.

2 Luas operations

2.1 Introduction

Luas currently has two tram lines, the green line which runs from Brides Glen to St Stephen's Green and the red line which runs from the Point in the Docklands to Tallaght with a spur to Citywest and a spur to Connolly rail station.

The first Luas line was opened in June 2004 between Sandyford and the city centre with the red line between Tallaght and the city centre opening later that year. Between 2009 and 2011 the Luas network was extended with the opening of three line extensions and this increased the operating costs. Passenger numbers also grew over this period but not enough to cover all of the additional costs and Luas operations suffered a deficit each year between 2011 and 2013. To fund these deficits the RPA have used their accumulated cash reserve, with the approval of the Authority. Funding is also required for vehicle asset renewal and infrastructure asset renewal.

Luas operations returned a surplus in 2014 for the first time in three years helped by strong passenger numbers. Passenger journeys grew by just over 6% in 2015 slightly down from 2014 and again it returned a surplus. This year Luas operations were stopped for 12 days due to industrial action and this will reduce the surplus Luas expected to return in 2016. Currently Luas Cross City is under construction and expected to open in late 2017. This extension to the current Luas network will add to the operating expenditure from late 2017. Any surplus generated by Luas operations now will contribute towards the costs of Luas Cross City and any improvement in Luas infrastructure.

The payments that TII receive from the Department of Social Protection for carrying people with free travel passes has been frozen for the past 7 years at 2010 levels and this is resulting in fare paying passengers partially subsidizing those with free travel passes and adding to the pressures on Luas finances.

Given the deficit on Luas infrastructure activities following the opening of the three line extensions which was met from RPA's accumulated operations cash reserve, the Authority recognises that a small fares increase is needed to generate increased revenue to ensure reserves will be available should the operations incur a deficit in the future or to assist in meeting the cost of Luas infrastructure.

In 2004 when Luas services began the Luas operated as a premium product with fares to match reflecting the level of traffic priority given to Luas. Over the past 12 years Luas fares have seen moderate fares increases in comparison to other forms of public transport. Bus and heavy rail fares had annual fare increases in excess of 5% for a number of years while Luas fares increased by an average of closer to 2%. This has resulted in current Luas fares being much cheaper than other forms of public transport especially for longer journeys. For example on Dublin Bus journeys longer than about 8km to 10km cost €3.30 cash or €2.60 Leap for an adult fare. A journey of the same distance would only cost about €2.70 or €2.90 cash or between €2.03 and €2.29 Leap depending on the journey length and whether it was taken during peak or off-peak times. This means that the Luas passenger can pay up to €0.60 less for the same journey.

Table 3 outlines the financial results for 2014 and 2015 along with the projected results for 2016 and 2017.

Table 3: Luas financial results and forecasts for period 2014 to 2017

Year	2014	2015	2016*	2017*
Operating surplus/deficit on Luas infrastructure activities before interest, tax and depreciation	€1.94m	€3.848m	€4.769m	€6.511m

* Forecast done in July 2016– based on revenue accrued with fares changes applied

2.2 Proposal by TII

TII has proposed to the Authority a fares increase of 0.8% (weighted by sales volumes) on Luas in respect of cash, Leap and prepaid tickets including tax saver monthly and annual tickets varying from 0% to 12.5% for 2017 although most proposed fare increases are between 0% and 3%. TII expect the fare increases to yield about 1.2% increase in passenger fare revenue. TII expect passenger numbers to grow by about 5% in 2017 which will also add to revenue yield.

The minimum increase that can apply to Luas cash fares is 10c due to ticket vending machine constraints. If an increase of 10c was applied on all single fares (including Leap), 20c on return fares, and

pro-rata increases on period passes, an average increase of around 6.0% would be the outcome which is far in excess of what is required.

Therefore, in order to increase fares to achieve a yield of just over 1% return, TII proposed to increase about half their fares and hold the other fares constant. As Leap card over time will become the main way to pay for public transport the 10 cent constraint will become less of an obstacle to applying a small fare increase over all fares as the Leap fare can be increased in 1 cent increments if necessary.

TII have proposed a small increase on adult Leap fares, a 10 cent increase on adult and child cash return fares, an increase of between 0.0% and 2.5% on 1-day, 7-day and 30-day fares, up to 3.3% increase on Luas monthly and annual fares and multi operator fares and between 5.9% and 12.5% increase on Irish Rail Dublin Bus/Luas add-on fares.

3 Determination by the Authority

A number of factors need to be taken into consideration in assessing this request:

- The need to maintain a sufficient level of service frequency.
- The economic climate over the past 7 years,
- The effect of the recession on the public's disposable income and costs,
- That Luas operations returned a deficit for 3 years following the opening of extensions between 2009 and 2011,
- That any surplus from Luas operations can contribute to Luas Cross City costs and future operating costs,
- The need to simplify the fares structure , and
- The need to continue to encourage a transfer from Cash to Leap and to off-peak travel, and
- The desire to bring Luas fares in line with equivalent fares on other services.

3.1 Merge adult zone 3 and 4

Over the past number of years the Authority in consultation with Irish Rail and Dublin Bus have worked towards simplifying the fares system and have merged a number of fare types to make a simpler and easier to understand fares system. Dublin Bus now have just 3 single fares on most routes namely 1 to 3 stages, 4 to 13 stages and over 13 stages while the number of zones on Irish Rail Short Hop Zone in Dublin have reduced from 7 to 5 over recent years. Luas child fares have just 2 different fares, one covering 1 to 3 zones and one for 4 zones and over. However there are still 5 different Luas adult fares. This year the Authority having examined the Luas adult fare zones have determined that the adult zone 3 and zone 4 can be merged thereby reducing the number of different adult single cash fares from 5 to 4. The number of adult Leap fares will be also reduced to 4 as will the 7-day and 30-day pre-paid fares.

In order to merge these 2 adult fares the zone 3 fare will increase and the zone 4 fare will drop a little except in the case of the adult cash single where the zone 3 fare will increase from €2.70 to €2.90 and the zone 4 fare will remain at its current value of €2.90. Zone 3 and zone 4 fares cover journeys approximately between 8km and 12 km and at the new cash fare of €2.90 still offer good value especially compared to a similar journey on Dublin Bus which would be about €3.30 cash. For those passengers using Leap the new Leap peak fare for zone 3 and zone 4 will be €2.24 while the off-peak Leap fare will be €2.13. A Leap fare on Dublin Bus for a similar length journey would be €2.60.

Child fares as indicated above already have only 2 different fare types and no change will be made to the child fare types at this time.

3.2 Single and return fares

Since the Leap card was introduced in 2011 the Authority has rolled out a number of measures to ensure that Leap users would generally get the best value in public transport fares. In December 2014 the Authority ensured that all single journeys paid for by using Leap card credit would be at least 20% cheaper than the cash equivalent. The introduction of daily and weekly capping on the Leap card offered certainty to the regular commuter as to their daily or weekly travel costs and the Leap Travel-90 rebate also rewards the customer who has to take two or more inter-modal trips to complete their journey. In 2014 the Authority introduced a Leap off peak fare for Luas passengers to encourage travel on Luas outside peak hours of 7:45 to 9:30hrs Monday to Friday excluding bank holidays.

All these innovations on the Leap card have reduced the cost of travel for many travellers and resulted in many passengers spending the same or less on Luas travel in 2016 compared to 2011 before Leap was introduced.

For 2017 the Authority has determined as outline above to merge the adult zone 3 and the zone 4 fare. We have also determined to increase the adult Leap cash fare by either 10 or 20 cent for 2017. Zone 1 and zone 2 adult cash fares will increase by 10 cent each while zone 3 and zone 5 will increase by 20 cent each. Zone 4 cash fares will remain at its current level.

Off-peak Leap adult fares are available all day every day except Monday to Friday 7:45 to 9:30hrs excluding bank holidays. These Leap off-peak fares will remain at current prices except the zone 3 fare which will increase by 4.9% and the zone 4 fare which will decrease by 2.7%. The Peak Leap fares will increase in price by between 2.0% and 5.2% except for zone 4 fare which will drop by 2.2%.

The discount available on Leap peak fares compared to the cash fares will be about 23% while if you travel off-peak a discount of up to 30% compared to the cash fare is available.

The child cash and Leap single fares will remain at their current levels. In fact the popular child fare of 80 cent for Leap 1 to 3 zones remains at the same price since January 2012 ensuring children who travel on Luas and pay for their fares using Leap get excellent value.

Return adult fares will also see zone 3 and zone 4 fares merge. TII had proposed a 10 cent increase on the adult return cash fares and the Authority determined that this is appropriate. However to merge zone 3 and zone 4 adult return fares it will be necessary to increase the zone 3 fare by 30 cent and reduce the zone 4 fare by 10 cent.

TII proposed a 10 cent increase on the child cash return fare and the Authority has determined that this is in order. The child return fares offer excellent value especially the zone 4 to zone 8 fares.

The detailed Fare Tables are available in Appendix A.

3.3 Pre-Paid tickets

As with the single and return fares the Authority has determined that the adult and student 7-day and 30-day fares should also have zone 3 and zone 4 fares merged. As with the return adult fares the zone 3 fare will increase and the zone 4 fare will decrease resulting in zone 3 and zone 4 fares being the same.

Leap currently offers similar or better value than many of the child and adult 7-day and 30-day fares and to encourage passengers to transfer to Leap the cost of the 7-day and 30-day adult and child fares will increase by between 0% and 6.3% where the highest increase is for a zone 3 adult fare which is been merged with the zone 4 fare.

The student pre-paid fares offer great value to students and in most cases offer even better value than the Leap fare. In order to ensure students have around a 30% discount on adult fares a number of the student fares will have no increase in 2017. However zone 3 fares will need to increase as we merge them with the zone 4 fares along with the zone 2 30-day fare which will increase by 2.2%.

3.4 Daily and weekly caps

The current daily and weekly Leap caps have been in place since 2013 and have not been increased since they were introduced. However as Leap fares increased more passengers reached the caps and the revenue returned to the operator reduced. After almost 4 years at the same level the Authority have determined that the Leap caps need to be increased slightly. The Luas Leap caps offered excellent value and were the lowest caps of all the operators. It has been determined that the Luas Leap caps will increase as outlined in the table below but the multi-operator Leap caps will remain at their current level which was set in December 2013.

The changes to the Luas Leap caps will not take effect until Monday 6th March 2017 and are outlined in table 4.

Table 4: Leap daily and weekly caps – Luas & Multi-operator caps effective 6th March 2017

Cap	Luas (TII)			Multi-operator capping levels				
	Adult	Student	Child		Adult	Student	Child	
Daily	€7.00	€5.00	€2.70		Daily	€10.00	€7.50	€3.50
Weekly	€27.50	€20.00	€8.50		Weekly	€40.00	€30.00	€14.00

3.5 Irish Rail Dublin Bus/Luas add-on

Irish Rail intercity customers purchasing rail tickets can opt for a Dublin Bus/Luas add-on to their rail ticket. This add-on entitles them to travel on Luas Red Line between Heuston Station and Dublin Connolly station or George’s Dock, and on certain Dublin Bus routes. Weekly, monthly and annual add-on tickets are considerably cheaper than equivalent Luas tickets. TII and Dublin Bus have requested an increase of between 9.8% and 10.3% on these adult add-on weekly, monthly and annual fares. The Authority considered the value offered by this ticket and the fact that these tickets have increased considerably over the past few years and determined that an increase of 4.9% to 5.2% in the cost of these tickets is reasonable. It should be noted that the number of journeys made with these tickets represents less than 0.2% of all Dublin Bus and Luas journeys. The pre-paid adult Luas add-on weekly, monthly and annual fare will still offer excellent value even at this increased price.

TII have also requested an increase of between 5.9% and 12.5% on the single and return, adult and child add-on fares. This would bring the single fares higher than the equivalent Luas Leap zone 1 fare. In order to promote integrated travel an add-on ticket should not be dearer than the cheapest single equivalent ticket and therefore the Authority has determined that there will be no increase at this time on these fares and they shall remain at current levels.

3.6 Luas only monthly and annual tickets

The Authority has a policy of consolidating and rationalising tickets so as to reduce the array of ticket options and to offer customers a clear, concise and easy to understand choice. Over the past few years we moved towards a single monthly and annual ticket for all Luas services similar to that offered by Dublin Bus. During this process the cost of the monthly and annual all zones ticket remained at the January 2013 price. The Authority has determined that after 4 years at the same price the monthly and annual Luas fares should increase from €91 to €100 for the monthly and from €910 to €1,000 for the annual. Despite this relatively large increase these tickets continue to offer excellent value.

Customers who purchase monthly and annual tickets can also avail of the tax saver scheme. Buying the tickets through this scheme means that customers can make savings from 27% to 52% of the total cost of the tickets, depending on their particular tax circumstances. There are tax savings for employers as well of up to 10.75% of the cost of the ticket.

For example a Luas annual ticket costing €1,000 would only cost €480 for a PAYE employee if they paid the higher rate of tax, PRSI and USC. The employer would also save €107.50 as they would not have to pay employers PRSI on that element of the employees' wages used to purchase the ticket.

For employees on lower wages and paying tax at the 20% rate and USC at the 5.5% rate along with 4% PRSI the €1,000 annual ticket would cost just €705 a saving of almost €300. This works out at less than €15 per week to travel on the entire Luas network which is significantly cheaper than the Leap weekly cap in 2017 of €27.50.

The detailed Fare Tables are available in Appendix A.

4 Summary

The fares determination for Luas for 2017 sees the merging of the adult and student zone 3 and zone 4 fares continuing the process of consolidation of public transport fares over the past number of years.

While cash and pre-paid fares have seen reasonable increases Leap fares continue to offer excellent value for adults and children while the pre-paid fares for students offer best value.

The monthly and annual fares have been increased for the first time since January 2013 but they still offer excellent value and can offer financial savings to many Luas customers including a large number of Luas passengers who do not currently avail of these tickets.

4.1 Summary of fare changes

- Merge zone 3 and zone 4 fares resulting in changes from -4.2% to + 7.4%.
- 10 to 20 cent increase on adult single cash fares
- Adult leap fares up 0 to 9 cent
- No change to child single cash or leap
- Adult return up 10 to 20 cent
- Child return up 10 cent
- Adult prepaid 1-day, 7-day and 30-day adjusted from -4.2% to + 6.3%
- Child prepaid adjusted 0.00% to 3.6%
- Student pre-paid -3.8% to + 5.9%
- Adult monthly and annual taxsaver fares + 9.9%
- Irish Rail add-on fares up 0.00 to 5.2%

5 Appendix A – Fare Tables

<u>Luas Adult Leap OFF-Peak fares</u>								<u>Leap discount on cash fare</u>	<u>Percentage Leap discount</u>
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>		
1	Adult	Leap Off-Peak Single	€1.39	€1.40	€1.39	0.7%	0.0%	€0.61	30.5%
2	Adult	Leap Off-Peak Single	€1.70	€1.70	€1.70	0.0%	0.0%	€0.70	29.2%
3	Adult	Leap Off-Peak Single	€2.03	€2.05	€2.13	1.0%	4.9%	€0.77	26.6%
4	Adult	Leap Off-Peak Single	€2.19	€2.20	€2.13	0.5%	-2.7%	€0.77	26.6%
5-8	Adult	Leap Off-Peak Single	€2.35	€2.35	€2.35	0.0%	0.0%	€0.95	28.8%

<u>Luas Adult Leap Peak fares</u>								<u>Leap discount on cash fare</u>	<u>Percentage Leap discount</u>
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>		
1	Adult	Leap Peak Single	€1.49	€1.50	€1.54	0.7%	3.4%	€0.46	23.0%
2	Adult	Leap Peak Single	€1.80	€1.80	€1.85	0.0%	2.8%	€0.55	22.9%
3	Adult	Leap Peak Single	€2.13	€2.15	€2.24	0.9%	5.2%	€0.66	22.8%
4	Adult	Leap Peak Single	€2.29	€2.30	€2.24	0.4%	-2.2%	€0.66	22.8%
5-8	Adult	Leap Peak Single	€2.45	€2.45	€2.50	0.0%	2.0%	€0.80	24.2%

<u>Luas Adult Cash single fares</u>								
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>	
1	Adult	Cash Single	€1.90	€1.90	€2.00	0.0%	5.3%	
2	Adult	Cash Single	€2.30	€2.30	€2.40	0.0%	4.3%	
3	Adult	Cash Single	€2.70	€2.70	€2.90	0.0%	7.4%	
4	Adult	Cash Single	€2.90	€2.90	€2.90	0.0%	0.0%	
5-8	Adult	Cash Single	€3.10	€3.10	€3.30	0.0%	6.5%	

<u>Luas Child Leap single fares - All Day</u>								<u>Leap discount on cash fare</u>	<u>Percentage Leap discount</u>
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>		
1-3	Child	Leap all-day Single	€0.80	€0.80	€0.80	0.0%	0.0%	€0.20	20%
4-8	Child	Leap all-day Single	€0.96	€0.96	€0.96	0.0%	0.0%	€0.24	20%

<u>Luas Child Cash single fares</u>								
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>	
1-3	Child	Cash Single	€1.00	€1.00	€1.00	0.0%	0.0%	
4-8	Child	Cash Single	€1.20	€1.20	€1.20	0.0%	0.0%	

<u>Luas Adult Cash Return Fares</u>								
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>	
1	Adult	Cash Return	€3.50	€3.60	€3.60	2.9%	2.9%	
2	Adult	Cash Return	€4.10	€4.20	€4.20	2.4%	2.4%	
3	Adult	Cash Return	€4.90	€5.00	€5.20	2.0%	6.1%	
4	Adult	Cash Return	€5.30	€5.40	€5.20	1.9%	-1.9%	
5-8	Adult	Cash Return	€5.60	€5.70	€5.70	1.8%	1.8%	

<u>Luas Child Cash Return Fares</u>								
<u>Zone</u>	<u>Adult/Child</u>	<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>	
1-3	Child	Cash Return	€1.70	€1.80	€1.80	5.9%	5.9%	
4-8	Child	Cash Return	€2.10	€2.20	€2.30	4.8%	9.5%	

Adult PREPAID Fares 1-day, 7-Day & 30-Day

Zone	Fare type	Fare type (7 Day, 30 Day, etc.)	Current Fare	TII Requested Fare	Approved Fare	TII Requested % Increase	Approved % Increase
All zones	Adult	1 Day	€6.80	€6.80	€7.00	0.0%	2.9%
1	Adult	7 Day	€15.20	€15.50	€15.90	2.0%	4.6%
2	Adult	7 Day	€18.20	€18.50	€19.00	1.6%	4.4%
3	Adult	7 Day	€22.10	€22.50	€23.50	1.8%	6.3%
4	Adult	7 Day	€24.00	€24.50	€23.50	2.1%	-2.1%
5-8	Adult	7 Day	€24.90	€25.50	€26.00	2.4%	4.4%
1	Adult	30 Day	€60.80	€62.00	€64.00	2.0%	5.3%
2	Adult	30 Day	€72.80	€74.00	€76.00	1.6%	4.4%
3	Adult	30 Day	€87.00	€88.50	€92.00	1.7%	5.7%
4	Adult	30 Day	€96.00	€98.00	€92.00	2.1%	-4.2%
5-8	Adult	30 Day	€98.00	€100.00	€100.00	2.0%	2.0%

Child PREPAID Fares 1-day, 7-Day & 30-Day

Zone	Fare type	Fare type (7 Day, 30 Day, etc.)	Current Fare	TII Requested Fare	Approved Fare	TII Requested % Increase	Approved % Increase
All zones	Child	1 Day	€2.80	€2.80	€2.90	0.0%	3.6%
1-3	Child	7 Day	€7.40	€7.50	€7.50	1.4%	1.4%
4-8	Child	7 Day	€8.90	€9.00	€9.20	1.1%	3.4%
1-3	Child	30 Day	€30.00	€30.00	€30.00	0.0%	0.0%
4-8	Child	30 Day	€36.00	€36.00	€37.00	0.0%	2.8%

Student PREPAID Fares 1-day, 7-Day & 30-Day

Zone	Fare type	Fare type (7 Day, 30 Day, etc.)	Current Fare	TII Requested Fare	Approved Fare	TII Requested % Increase	Approved % Increase
1	Student	7 Day	€11.70	€11.70	€11.70	0.0%	0.0%
2	Student	7 Day	€13.20	€13.20	€13.20	0.0%	0.0%
3	Student	7 Day	€16.00	€16.00	€16.50	0.0%	3.1%
4	Student	7 Day	€17.10	€17.10	€16.50	0.0%	-3.5%
5-8	Student	7 Day	€18.50	€18.50	€18.50	0.0%	0.0%
1	Student	30 Day	€44.00	€44.00	€44.00	0.0%	0.0%
2	Student	30 Day	€50.90	€52.00	€52.00	2.2%	2.2%
3	Student	30 Day	€59.50	€61.00	€63.00	2.5%	5.9%
4	Student	30 Day	€65.50	€67.00	€63.00	2.3%	-3.8%
5-8	Student	30 Day	€72.50	€72.50	€72.50	0.0%	0.0%

Luas/Dublin Bus add-on to Irish Rail Intercity Fare

Fare type	Fare type (7 Day, 30 Day, etc.)	Current Fare	TII Requested Fare	Approved Fare	TII Requested % Increase	Approved % Increase
Adult	Single	€1.70	€1.80	€1.70	5.9%	0.0%
Adult	Return	€3.40	€3.60	€3.40	5.9%	0.0%
Adult	Weekly	€9.70	€10.70	€10.20	10.3%	5.2%
Child	Single	€0.80	€0.90	€0.80	12.5%	0.0%
Child	Return	€1.60	€1.80	€1.60	12.5%	0.0%

Luas only annual and monthly tickets

<u>Fare type</u>	<u>Fare type (7 Day, 30 Day, etc.)</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>
Monthly	Adult Luas All Zones	€91.00	€94.00	€100.00	3.3%	9.9%
Annual	Adult Luas All Zones	€910.00	€940.00	€1,000.00	3.3%	9.9%

Luas combined annual and monthly tickets

<u>Fare type</u>	<u>Current Fare</u>	<u>TII Requested Fare</u>	<u>Approved Fare</u>	<u>TII Requested % Increase</u>	<u>Approved % Increase</u>
Monthly Tickets					
Adult Bus/Luas Monthly (Dublin Bus & Luas)	€159.00	€164.00	€162.00	3.1%	1.9%
Adult Short Hop Rail/Luas Monthly (Irish Rail & Luas)	€176.00	€181.00	€180.00	2.8%	2.3%
Adult Short Hop Monthly (Dublin Bus, Irish Rail & Luas)	€214.00	€220.00	€218.00	2.8%	1.9%
Adult Bus/Luas Add on Monthly (Dublin Bus & Luas)	€41.00	€45.00	€43.00	9.8%	4.9%
Annual Tickets					
Adult Bus/Luas Annual (Dublin Bus & Luas)	€1,590.00	€1,640.00	€1,620.00	3.1%	1.9%
Adult Short Hop Annual (Irish Rail & Luas)	€1,760.00	€1,810.00	€1,800.00	2.8%	2.3%
Adult Short Hop Annual (Dublin Bus, Irish Rail & Luas)	€2,140.00	€2,200.00	€2,180.00	2.8%	1.9%
Adult Bus/Luas Add on Annual (Dublin Bus & Luas)	€410.00	€450.00	€430.00	9.8%	4.9%
Adult Irish Rail all services & Luas annual	€5,430.00	€5,590.00	€5,540.00	2.9%	2.0%